BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF SOUTHWESTERN PUBLIC SERVICE COMPANY'S SUBMITTAL OF ENERGY EFFICIENCY POTENTIAL STUDY PURSUANT TO FINAL ORDER IN CASE NO. 19-00140-UT AND CORRESPONDING REQUESTS FOR APPROVAL,	)	**CASE NO. 21-_____-UT**
SOUTHWESTERN PUBLIC SERVICE COMPANY,	)	
APPLICANT	)	

DIRECT TESTIMONY

of

MARK R. SCHOENHEIDER

on behalf of

SOUTHWESTERN PUBLIC SERVICE COMPANY

TABLE OF CONTENTS

GLOSSARY OF ACRONYMS AND DEFINED TERMS iii
LIST OF ATTACHMENTS v
I. WITNESS IDENTIFICATION AND QUALIFICATIONS 1
II. ASSIGNMENT AND RECOMMENDATIONS 4
III. COMPANY DESCRIPTION 9
IV. EUEA GOAL COMPLIANCE 11
A. EUEA REQUIREMENTS FOR ELECTRIC UTILITIES 11
B. SPS'S COMPLIANCE WITH EUEA GOALS 13
V. EE POTENTIAL STUDY OF SPS'S SERVICE TERRITORY 18
VI. SPS'S PROPSED EUEA GOAL 26
VII. SPS'S 2022 PORTFOLIO CHANGES 31
A. OVERVIEW 31
B. PROGRAM SUMMARIES AND PROPOSED MODIFICATIONS 33
1. RESIDENTIAL SEGMENT PROGRAMS 33
2. BUSINESS SEGMENT PROGRAMS 40
3. PLANNING AND RESEARCH SEGMENT 42
C. PROGRAM SELECTION AND BUDGETING PROCESS 44
D. POTENTIAL STUDY STAKEHOLDER MEETING PROCESS 51
VIII. COST-EFFECTIVENESS TEST ASSUMPTIONS AND CALCULATIONS 53
A. GENERAL DESCRIPTION 53
B. UTILITY COST TEST CALCULATIONS 55
C. PROGRAM-LEVEL TECHNICAL ASSUMPTIONS 62
IX. MEASUREMENT AND VERIFICATION 64
X. INCENTIVE MECHANISM FOR PY 2022 67
VERIFICATION 70

GLOSSARY OF ACRONYMS AND DEFINED TERMS

Acronym/Defined Term	Meaning
2019 Triennial Plan	2020, 2021, and 2022 Energy Efficiency Plan
AC	air conditioning
BYOT	Bring Your Own Thermostat
CFL	compact fluorescent light
Commission	New Mexico Public Regulation Commission
DM	Demand Management
DSM	Demand Side Management
EE	energy efficiency
EE/LM	energy efficiency/load management
EE Potential Study	Energy Efficiency Potential Study
EE Rider	Energy Efficiency Rider
EE Rule	Energy Efficiency Rule, 17.7.2 NMAC
EUEA	Efficient Use of Energy Act (NMSA 1978, §§62-17-1 through 62-17-11)
Evergreen	Evergreen Economics
GWh	Gigawatt-hour
HVAC	heating, ventilation, and air conditioning
HES	Home Energy Services
Implementer	Refrigerator Recycling program's Third-Party Party Implementer

Acronym/Defined Term	Meaning
kWh	kilowatt-hour
LED	light-emitting diode
Low-Income HES	Low-Income Home Energy Services
M&V	Measurement and Verification
MWh	Megawatt-hour
NEB	Non-energy Benefit
NMGC	New Mexico Gas Company
NPV	net present value
PY	Program Year
Seventhwave Study	Portfolio Optimization Study performed by Seventhwave
SPS	Southwestern Public Service Company, a New Mexico corporation
T&D	transmission and distribution
Triennial Plan	SPS's Triennial Energy Efficiency and Load Management Plan
TRM	Technical Resource Manual
UCT	Utility Cost Test
Xcel Energy	Xcel Energy Inc.
XES	Xcel Energy Services Inc.

LIST OF ATTACHMENTS

Attachment	Description
MRS-1	Potential Study Conducted by Guidehouse
MRS-2	Executive Summaries of SPS's Approved PY 2022 Portfolio and its Proposed PY 2022 Portfolio, Including Delta
MRS-3	SPS's Proposed Cost Benefit Analysis for PY 2022 Programs
MRS-4	SPS's Proposed Technical Assumptions for PY 2022 Programs
MRS-5	Calculated PY 2019 Incentive Mechanism
MRS-6	Calculated PY 2020 Incentive Mechanism
MRS-7	SPS's Proposed PY 2022 Incentive Mechanism

Case No. 21-_____-UT
Direct Testimony
of
Mark R. Schoenheider

I. WITNESS IDENTIFICATION AND QUALIFICATIONS

Q. Please state your name and business address.

A. My name is Mark R. Schoenheider. My business address is 1800 Larimer Street, Suite 1400, Denver, Colorado 80202.

Q. On whose behalf are you testifying in this proceeding?

A. I am filing testimony on behalf of Southwestern Public Service Company, a New Mexico corporation ("SPS"), and wholly owned subsidiary of Xcel Energy Inc. ("Xcel Energy").

Q. By whom are you employed and in what position?

A. I am employed by Xcel Energy Services Inc. ("XES"), the service company subsidiary of Xcel Energy, as a Consumer and Commercial Energy Efficiency Marketing Manager.

Q. Please briefly outline your responsibilities as Consumer and Commercial Energy Efficiency Marketing Manager.

A. As a Consumer and Commercial Energy Efficiency Marketing Manager, I manage the strategic planning and implementation of energy efficiency ("EE") products across multiple jurisdictions to meet short-term regulatory and long-term resource planning goals. My responsibilities include:

- accountability for strategic leadership, product goal attainment, regulatory plans, and tracking and reporting in New Mexico, Texas, Minnesota, North Dakota, South Dakota, and Colorado;
- overseeing Product Portfolio Managers, Channel Managers, Engineers and Marketing Assistants;
- interpreting customer requirements and motivations to implement EE measures;
- providing strategic expertise on all aspects of the marketing mix; and
- determining market research requirements for team products focusing on short-term challenges, long-term planning, and product evaluation.

Q. Please describe your educational background.

A. I graduated from the University of Wyoming with a bachelor's degree in Civil Engineering, and I have an MBA from the University of Colorado with an emphasis in Finance.

Q. Please describe your professional experience.

A. I have been employed by XES for thirteen years in multiple roles including Product Developer, Energy Efficiency Engineer, Team Lead Energy Efficiency Engineer, and Strategic Segment Team Lead. In January 2019, I was promoted to my current position as Consumer and Commercial Energy Efficiency Marketing Manager. Prior to XES, I worked in multiple engineering and environmental consulting roles for TriHydro Corporation and the Wyoming Department of Transportation.

Q. Please describe your experience with SPS's EE programs and previous Energy Efficiency and Load Management filings.

A. I have been responsible for the implementation of SPS's EE programs and have been closely involved with SPS's EE filings. In particular, I have worked on forecasting the portfolio achievements and budget allocations, reconciliation of SPS's expenditures, and overall compilation of SPS's EE filings.

II. ASSIGNMENT AND RECOMMENDATIONS

Q. Please describe the basis for this proceeding.

A. The Efficient Use of Energy Act, NMSA 1978, Sections 62-17-1 through 62-17-11 ("EUEA"), as amended in 2019, requires public utilities to develop or obtain cost-effective and achievable EE and load management ("EE/LM") resources in order to reach established energy savings goals. The 2019 EUEA amendment establishes a new goal for periods beyond 2020. In particular, the amendment requires not less than 5% savings, based on total 2020 retail kilowatt-hour ("kWh") sales, to be achieved over the period 2021-2025.

At the time of its preparation of the 2020, 2021, and 2022 Energy Efficiency Plan ("2019 Triennial Plan"), Case No. 19-00140-UT, SPS could not calculate its 2025 energy savings goal because actual 2020 total retail kWh sales had not yet been realized or compiled. Nevertheless, SPS acknowledged that it anticipated significant challenges in meeting the amended goal. Therefore, SPS proposed to conduct an EE Potential Study to evaluate its ability to meet the EUEA's full 2025 energy savings goal. In the Uncontested Stipulation in Case No. 19-00140-UT, which the Hearing Examiner certified, and the Commission

approved, SPS agreed to file by June 1, 2021,[1] its findings from the EE Potential Study and any proposed modifications to the 2019 Triennial Plan. Specifically, the Hearing Examiner ordered SPS to provide in this filing the following:

(1) SPS's new goal under the amended EUEA;

(2) revised energy savings targets for Plan Year ("PY") 2022;

(3) any additional measures, products, or programs SPS may propose to meet the revised energy savings targets for PY 2022; and

(4) updated program level budgets and associated rate recovery.[2]

Q. What is the purpose of your testimony?

A. My testimony provides the following:

- a summary of SPS's request for relief in this case;
- an introduction of SPS's other witnesses in the case;
- a description of SPS;

[1] On March 3, 2021, the Commission granted SPS's motion to extend this deadline to July 15, 2021. *See In the Matter of Southwestern Public Service Company's Triennial Energy Efficiency Plan Application Requesting Approval of: (1) SPS's 2020-2022 Energy Efficiency Plan and Associated Programs; (2) a Financial Incentive for Plan Year 2020; (3) Recovery of the Costs Associated with a Potential Energy Efficiency Study Over a Two-Year Time Period; and (4) Continuation of SPS's Energy Efficiency Tariff Rider to Recover its Annual Program Costs and Incentives*, Case No. 19-00140-UT, Order Granting Unopposed Motion to Extend Deadlines Contained Within Uncontested Stipulation at 1-3 (Mar. 3, 2021).

[2] Case No. 19-00140-UT, Certification of Stipulation (Jan. 27, 2020) at 51, Decretal Paragraph G, approved by Final Order (Feb. 19, 2020).

- a description of the compliance requirements under the EUEA, the Commission's Energy Efficiency Rule (17.7.2 NMAC) ("EE Rule"), and SPS's compliance with these applicable standards;
- a description of the EE Potential Study[3] and its conclusions;
- SPS's proposed EE savings goal for the years 2021 through 2025;
- a description of SPS's PY 2022 EE programs approved in the 2019 Triennial Plan as well as SPS's proposed changes to these programs, consistent with the recommendations of the EE Potential Study, and associated budgets;
- an explanation of the EUEA's use of the Utility Cost Test ("UCT") to evaluate the cost-effectiveness of SPS's PY 2022 EE programs as modified;
- a description of the Measurement and Verification ("M&V") process and expected costs associated with this process in PY 2022; and
- SPS's proposal for a revised incentive calculation for SPS's EE efforts for PY 2022, including a description of the proposed incentive calculation changes and support for the reasonableness of the incentive calculation for PY 2022.

Q. Please summarize your conclusions.

A. SPS's proposed revised savings goal for the years 2021 through 2025, as shown in the EE Potential Study, are achievable and reasonable as they are based on research that considers SPS's historic program performance, primary data

[3] The EE Potential Study is provided as Attachment MRS-1.

collected from SPS customers regarding energy-consuming equipment on their premises, and knowledge of the market conditions in SPS's service territory.

In developing the PY 2022 EE program modifications and updated budgets, SPS has leveraged experience in New Mexico and other Xcel Energy jurisdictions to develop a set of programs which: (i) are cost-effective, consistent with the EUEA, thus providing overall benefits to all SPS customers, including non-participants; and (ii) provide opportunities for all of SPS's customer classes to participate, thus enabling all customers the opportunity to receive direct benefits. While developing its programs, SPS paid particular attention to minimizing costs for non-incentive and non-promotional activities as incentive and promotional costs directly benefit customers, allocating spend to the most cost-effective programs wherever possible, and balancing the need for short-term achievement with a long-term strategy. Accordingly, the proposed modifications to SPS's PY 2022 EE programs are reasonable and necessary, as well as cost-effective. Thus, the Commission should approve the proposed Residential and Business Segment programs, and the associated proposed program budgets.

In addition, the incentive calculation update proposed by SPS for PY 2022 is reasonable because it encourages SPS to exceed its annual energy savings forecast.

Q. Please identify the other witnesses in this case and describe their testimony.

A. SPS is presenting the testimony of one additional witness, Justin H. Adams. Mr. Adams's testimony describes and supports:

- the total kWh sales to New Mexico customers classes used to determine SPS's proposed revised EE savings goal under the EUEA, as amended in 2019, for the 2021 through 2025 period;
- the calculation of SPS's PY 2022 Energy Efficiency Rider ("EE Rider") and projected customer bill impacts;
- recovery through the PY 2022 EE Rider of an incentive for spending and savings achieved as a result of SPS's PY 2022 EE programs; and
- recovery through the PY 2022 EE Rider of $250,000 of the total actual cost of completing the EE Potential Study.

Q. Is Attachment MRS-1 a true and correct copy of what it is represented to be?

A. Yes.

Q. Were Attachments MRS-2 through MRS-7 prepared by you or under your direct supervision and control?

A. Yes.

III. COMPANY DESCRIPTION

Q. Please generally describe SPS.

A. SPS is a fully integrated generation, transmission, and distribution electric utility that serves approximately 398,000 customers in a 52,000 square-mile area of eastern and southern New Mexico and the Panhandle and the South Plains of Texas. Approximately 124,000 customers are located in SPS's New Mexico service area. SPS's service area extends approximately 400 miles from north to south and 200 miles from east to west.

Q. Please generally describe SPS's customer base.

A. SPS's retail customer base in both New Mexico and Texas consists of residential and commercial customers with a large component of agriculture, industrial, and oil and natural gas customers. The agricultural areas are mostly irrigated by pumping from natural underground water sources and there is also a large investment in cattle feeding and dairy operations in the service area. Over the last several years, the SPS service area has experienced significant growth in oil and natural gas development.

Q. Please describe SPS's customer mix.

A. Unlike many utilities, SPS serves a very large amount of commercial and industrial retail load. Indeed, approximately 81% of New Mexico retail sales are to industrial and commercial customers, and at least 70% of SPS's New Mexico retail jurisdictional sales are to oil and natural gas businesses. Table MRS-1 illustrates SPS's customer sales mix during 2020.

Table MRS-1: 2020 New Mexico Customer Sales Mix

Customer Class	kWh	Percent of Total
Residential	1,211,318,205	16.68%
Commercial & Industrial (SGS, SG, PG, LGST, IRR)	5,899,533,140	81.24%
Muni & School	124,257,848	1.71%
Lighting	26,436,055	0.36%
Total	**7,261,545,248**	**100.00%**

IV. EUEA GOAL COMPLIANCE

A. EUEA Requirements for Electric Utilities

Q. What are the EUEA's general requirements for electric utilities?

A. The EUEA requires public utilities providing electric and natural gas service to New Mexico customers to "evaluate and implement cost-effective programs that reduce energy demand and consumption" and to acquire "cost-effective and achievable energy efficiency and load management resources available in their service territories."[4] For the year 2020, the required cumulative energy savings is no less than 8% of 2005 total retail kWh sales—that is, on a cumulative basis beginning with 2008, SPS was required to achieve energy savings of 8% by 2020.[5]

As noted above, the 2019 EUEA amendment increases the savings requirement to no less than 5% of SPS's 2020 total retail kWh sales for customer classes that have the opportunity to participate in 2025 (based on energy EE/LM programs implemented in 2021-2025).

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[4] NMSA 1978, § 62-17-5(B), (G).

[5] *Id.*, § 62-17-5(G) (2013).

1 The EUEA also provides that if an electric utility determines it cannot
2 achieve the minimum requirements, the utility should propose an alternative goal
3 based on acquiring cost-effective and achievable EE/LM resources.[6] In this
4 regard, the Commission can determine, after hearing, that the EUEA's 2025
5 savings requirement is not achievable or reasonable and therefore approve a lower
6 goal for the utility.[7]

7 Under the EUEA, as amended in 2019, program funding is established at
8 no less than 3% and no more than 5% of customer bills (excluding gross receipts
9 taxes and franchise and right-of-way access fees) or seventy-five thousand dollars
10 ($75,000) per customer per calendar year, whichever is less.[8] In addition, a
11 minimum of 5% of spending must be dedicated to cost-effective, low-income
12 programs.[9]

13 The Commission is required to identify and remove regulatory
14 disincentives to EE/LM and provide an opportunity for utilities to earn a profit on

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[6] "Achievable" in the context of the EUEA means "those energy efficiency and load management resources available to the utility using its best efforts." *Id*., § 62-17-4(A).

[7] *Id*. § 62-17-5(H).

[8] *Id*., § 62-17-6(A)(1).

[9] *Id*., § 62-17-6(B).

1 cost-effective EE/LM programs that is more attractive than supply-side
2 investments.[10]

3 **B. <u>SPS's Compliance with EUEA Goals</u>**

4 **Q. What was SPS's 2020 savings requirement pursuant to the EUEA?**

5 A. In 2005, SPS's retail sales were 3,750,469 megawatt-hours ("MWh"). Therefore,
6 applying the required goal of 8% based on 2005 retail kWh sales, SPS was
7 required to achieve a cumulative savings of 300 gigawatt-hours ("GWh") through
8 2020 (at the customer meter).

9 **Q. Did SPS meet the EUEA savings requirement of 8% of 2005 retail sales by**
10 **2020?**

11 A. Yes. SPS achieved 46.980 GWh for PY 2020 based on the evaluation conducted
12 by Evergreen Economics ("Evergreen"), the Commission-approved statewide
13 evaluator. Combined with prior years' evaluated savings described below in
14 Table MRS-2, SPS has saved 348 GWh of its cumulative achievement goal of 300
15 GWh in 2020 and met the EUEA requirement in 2018, two years early.

[10] *Id.*, § 62-17-5(F)

1 **Table MRS-2**

Year	Annual Net Customer Achievement (GWh)*	Cumulative Net Customer Achievement (GWh)	Cumulative % of 2005 Retail Sales
2008	3.355	3.355	0.09%
2009	14.136	17.491	0.47%
2010	23.231	40.722	1.09%
2011	35.642	76.363	2.04%
2012	31.534	107.897	2.88%
2013	34.452	142.349	3.80%
2014	30.493	172.841	4.61%
2015	32.805	202.962	5.41%
2016	31.966	234.257	6.25%
2017	29.429	263.686	7.03%
2018	38.680	302.366	8.06%
2019	36.081	320.169	8.54%
2020	46.980	348.061	9.28%

2 **Q. What is SPS's 2025 savings requirement under the EUEA 2019 amendment?**

3 A. As discussed by Mr. Adams and noted above, SPS's retail sales were 7,261,545
4 MWh in 2020. Therefore, after applying the EUEA's 2019 amended goal of no
5 less than 5% of total 2020 retail sales, SPS's cumulative savings requirement for
6 the 2021-2025 period is 363,077 MWh. Mr. Adams further explains that to meet
7 this goal, SPS will be required to achieve average annual savings of roughly 1%
8 of SPS's 2020 total retail kWh sales, or 72,615 MWh during this period.

Q. In its 2019 Triennial Plan filing, SPS anticipated that complying with its 2025 savings requirement under the EUEA 2019 amendment would be challenging. Is this still SPS's expectation?

A. Yes. As noted above, SPS was able to achieve the 2020 cumulative goal of 300 GWh over 13 years. SPS, however, only has five years to achieve the 2025 requirement of approximately 363 GWh, despite it being nearly 20% greater than SPS's 2020 cumulative goal. Viewed on an average basis, the 2020 goal represented approximately 23 GWh per year while the 2025 goal represents over 72 GWh per year.

Moreover, there are both systemic and energy market conditions that will present challenges to SPS in meeting the 2025 amended goal. First, as I explained earlier, SPS has a much different customer mix than other utilities, with a significant portion of its energy sales coming from its agricultural, large commercial, and industrial customer classes. While these customers do contribute significantly to SPS's goals, there are inherent limits to what can be achieved for these classes in view of limitations on the programs available to these customers and industry market conditions that limit the level of participation by these customers. As shown in Table MRS-3, industrial customers only contributed

1 28% of total energy savings in 2020. At the same time, SPS has been very
2 successful in delivering cost-effective EE programs to its residential customers,
3 contributing 59% of total energy savings in 2020.

4 **Table MRS-3: 2020 Distribution of EE Savings**

Customer Class	**% Savings by Class**
Residential	59%
Commercial (SGS, SG, IRR)	7%
Industrial (PG, LGST)	28%
Muni & School	6%
Total	**100%**

5 Deeper levels of penetration, however, may be difficult because customers
6 have already participated in SPS's EE programs and may not see a need for
7 additional participation. This is compounded by the fact that many of the
8 measures identified by the EE Potential Study as cost-effective and well-suited to
9 households served by SPS are replacements of long-lived equipment. This means
10 that only a small fraction of opportunities is expected to be available every year at
11 the same time that the window to achieve the goal is shorter than the previous
12 EUEA goal. For example, a cooling system with an expected lifetime of 20 years
13 would result in approximately 5% of systems being replaced in a given year.
14 Accordingly, just 25% of households can be expected to replace this equipment

before 2025, significantly reducing the opportunity to encourage the selection of more efficient equipment.

Second, energy savings achievements are likely to be compounded by commodity market conditions. SPS is required to deliver cost-effective programs and the cost-effectiveness of SPS's programs is influenced by avoided costs (of which natural gas costs are a significant component). As avoided costs for supply-side resources decrease, the cost-effectiveness of programs decrease and negatively affects the EE options in the resource selection process under the UCT. Accordingly, there may be fewer cost-effective programs available to customers, which results in lower savings achievements.

Q. Has SPS quantified the impacts of these systemic and market conditions to SPS's achievable savings?

A. Yes. SPS recently completed the EE Potential Study (Attachment MRS-1) approved in Case No. 19-00140-UT. As discussed below, the study modeled two scenarios: a Reference Scenario that is indicative of SPS continuing to operate programs similar to those approved in Case No. 19-00140-UT; and a Maximum Scenario that assumes a significant increase in program marketing, incentives, and other activities that remove barriers to adoption of energy efficiency that are within SPS's control.

V. EE POTENTIAL STUDY OF SPS'S SERVICE TERRITORY

Q. What is an EE Potential Study?

A. An EE Potential Study is focused market research that characterizes the opportunity for Demand Side Management ("DSM") programs to influence customer and market behavior in favor of selecting more efficient products and processes. An EE Potential Study usually involves some combination of customer surveys, on-site observations at customer facilities, economic analysis, secondary research, and technical calculations of gross savings possible when different technologies are implemented. Uses for an EE Potential Study include, but are not limited to, identifying technologies that provide a significant savings opportunity, identifying customer segments that have either led or lagged the transition to more efficient energy end uses, and setting goals for DSM portfolios or programs.

Q. Did SPS's EE Potential Study align with the definition above?

A. Yes. As a result of a Request for Proposals, SPS selected a third-party consultant, Guidehouse, to complete a study that met the above definition. Specifically, SPS's EE Potential Study included the collection of primary data to ensure that

the study was calibrated to the characteristics of SPS customers. A copy of the EE Potential Study is provided as Attachment MRS-1.

Q. How was EE potential calculated in the study?

A. The EE potential was calculated using multiple levels of analysis, starting with screening for the technical feasibility of saving energy. In the context of the SPS EE Potential Study, technical feasibility is a combination of engineering calculations for the amount of gross savings possible when all inefficient technology is upgraded to the most efficient option. This first stage resulted in the gross technical potential. Once the gross technical potential was calculated, the economic analysis compared the avoided cost of energy as a benefit to costs of implementation with and without rebates and incremental costs to the customer. To ensure that technologies that were close to cost-effective were still considered, any measure that passed either the UCT or the Total Resource Cost test was passed on to the final level of analysis. This second stage of the calculation resulted in the gross economic potential. The final stage, which assessed program influence on customer decisions, considered factors such as: customer payback, customer awareness of different technologies, customer processes or timing that may conflict with or enable adoption of an efficient technology, customer choice

and preference, and market availability of an efficient technology that would work for the customer. This final stage of the calculation resulted in gross achievable potential. The end result of this progressive process is a gradual screening from the universe of all available technologies to feasible projects to an informed forecast of projects that can be reasonably influenced by a utility program.

Q. Please provide a brief description of the two scenarios presented in SPS's EE Potential Study.

A. SPS's EE Potential Study identified two scenarios of gross achievable potential for SPS's New Mexico service territory. These two scenarios of gross achievable potential represent the range of potential – the Reference Scenario reflecting the lower bound with budgets comparable to the current funding levels of SPS's approved EE programs with rebates equal to a portion of the incremental cost of efficient equipment, and the Maximum Scenario representing the highest level with participation resulting from increased marketing and outreach spend to increase the level of customer awareness of efficiency options, and rebates equal to the incremental cost of efficient equipment, removing the cost barrier to participants to install efficient equipment.

Q. Can the energy savings potential in these scenarios be directly compared to the SPS EE plan filings and EUEA's energy savings goals?

A. No, direct comparison of the numbers is not possible without an adjustment to account for net-to-gross factors. The EE Potential Study includes gross customer kWh savings, which is a measure of the savings from all installed equipment rebated through the utility DSM program. The EUEA goal is based on the "net" savings, which is limited to the savings from equipment that is installed only as a direct result of the program's influence, and excludes savings from "free-riders," or equipment that would have been installed in the absence of the utility DSM program. To calculate the Reference Scenario savings potential in terms of net customer kWh, the portfolio-wide kWh net-to-gross from SPS's latest status report of 78.9%[11] is applied to the gross customer kWh values from the potential study. For the Maximum Scenario, which includes additional achievement by removing the cost barrier to participants, this additional achievement is expected to have no free-ridership or a 100% net-to-gross, assuming that the additional

[11] Case No. 19-00140-UT, 2020 Energy Efficiency Annual Report (May 15, 2021).

achievement is entirely attributable to the DSM programs and all free-riders are captured in the Reference Scenario.

Q. Why is it reasonable to assume that the net-to-gross factor for incremental achievement between the Reference Scenario and Maximum Scenario is 100%?

A. It is appropriate to assume a 100% net-to-gross for incremental achievement because all free-riders would already be included in the reference scenario. Any customers participating in the Maximum Scenario that are not in the Reference Scenario would, as a result, be influenced by some program activity that has been increased in order to achieve the Maximum Scenario. However, it should be noted that while the assumed 100% net-to-gross factor for incremental achievement beyond the Reference Scenario is reasonable, the final evaluation of program savings is not guaranteed to produce this result.

Q. After adjusting for the net-to-gross factor, how do the cumulative 2021-2025 results of the EE Potential Study compare to SPS's EUEA goal?

A. The EE Potential Study found for SPS that the range of gross achievable savings in 2021-2025 is between 250,701 MWh (gross customer; Reference Scenario) and

332,578 MWh (gross customer; Maximum Scenario). Applying the net-to-gross factors, as explained above, the range of net achievable savings in 2021-2025 is between 197,915 MWh (net customer; Reference Scenario) and 279,791 MWh (net customer; Maximum Scenario). As discussed earlier, SPS's energy savings goal under the EUEA 2019 amendment is approximately 363,077 MWh for the 2021-2025 period.

Q. What are the results of the EE Potential Study by year after adjusting for the net-to-gross factors?

A. The EE Potential Study projects achievement and costs by year for both the Reference Scenario and Maximum Scenario. These results are summarized in Table MRS-4 (next page).

1 **Table MRS-4: Potential Study Results**

Year	Potential Study – Reference Scenario (Net Customer MWh)	Potential Study – Reference Scenario Expected Spend ($M)	Potential Study – Maximum Scenario (Net Customer MWh)	Potential Study – Maximum Scenario Expected Spend ($M)
2021	33,253	$10.29	53,116	$24.38
2022	42,929	$12.17	66,856	$28.89
2023	42,987	$12.38	66,538	$29.95
2024	43,195	$13.06	57,492	$28.82
2025	35,551	$12.07	35,789	$23.11
2026	31,110	$11.71	25,156	$19.77
2027	25,902	$11.25	18,338	$17.80
2028	23,333	$11.36	19,282	$20.83
2029	18,647	$10.96	16,543	$21.20
2030	15,373	$10.58	14,207	$20.57
2021-2025	**197,915**	$11.99	279,791	$27.03
2026-2030	**114,365**	$11.17	93,527	$20.04

2 **Q. How do SPS's filed EE plan savings match with the energy savings potential**

3 **in these scenarios and EUEA goals?**

4 A. As discussed above, SPS's 2019 Triennial Plan, which covered PYs 2020 through

5 2022, was approved by the Commission on February 19, 2020. Those plan

1 savings are included in Table MRS-5 in terms of net customer MWh. The annual
2 savings potentials from the Reference Scenario and Maximum Scenario with the
3 net-to-gross adjustment stated above are also included as net customer MWh.

4 **Table MRS-5: SPS's Goals versus Potential Study**

Year	Approved PY 2022 Plan Savings (Net Customer MWh)	Potential Study – Reference Scenario (Net Customer MWh)	Potential Study – Maximum Scenario (Net Customer MWh)
2021	40,134	33,253	53,116
2022	40,052	42,929	66,856

VI. SPS'S PROPSED EUEA GOAL

Q. Is SPS proposing a revised EUEA goal for 2025 in light of the EE Potential Study's findings?

A. Yes. Based on the EE Potential Study, SPS has concluded that the EUEA's minimum requirement for 2025 under Section 62-17-5(G) is not achievable through the use of those EE/LM resources available to SPS using its best efforts. Therefore, in accordance with EUEA Section 62-17-5(H), SPS is proposing a revised requirement consistent with the findings of the 2021-2025 cumulative Maximum Scenario in the EE Potential Study. Table MRS-6 shows the proposed goal relative to both the Reference Scenario, which is calibrated to SPS's currently approved plan, and the Maximum Scenario.

Table MRS-6: SPS's Proposed Goal versus Potential Study

Year	Proposed Revised Goal Requirement (Customer MWh)	Potential Study – Reference Scenario (Customer MWh)	Potential Study – Maximum Scenario (Customer MWh)
2021-2025	269,769	197,915	279,791

1 **Q. Please describe the basis for SPS's proposed revised EUEA energy savings**
2 **goal.**
3 A. As noted above, the EUEA, as amended in 2019, requires not less than 5%
4 savings, based on total 2020 retail kWh sales, to be achieved over the period
5 2021-2025. After evaluating the impact of the EUEA's customer contribution
6 limit to funding of DSM/EE programs, specifically the $75,000 per customer
7 maximum contribution under EUEA § 62-17-6(A)(1), SPS determined that a
8 straight application of the 5% savings requirement to SPS's total 2020 retail kWh
9 sales was unreasonable given SPS's customer demographics. Based on SPS's
10 current approved rates and specific customer demographics, only a small number
11 of SPS's customers are subject to the $75,000 annual cap on EE program funding
12 contribution. For example, there were 18 such customers in 2020. Those 18
13 customers, however, accounted for a disproportionate share of SPS's 2020 total
14 retail sales. Indeed, sales to those 18 customers in 2020 represented
15 approximately 3,009 gigawatt-hours, approximately 41% of SPS's New Mexico
16 sales. SPS's sales to these customers dramatically increased the total retail sales
17 subject to the EUEA's 5% savings requirement. But due to the EUEA's customer

maximum contribution cap, there is not a corresponding increase in funding available to SPS to cover the cost of achieving the increased goal.

To account for this mismatch, SPS concluded and is proposing in this case that its EUEA energy savings goal for the 2021-2025 period be based on reduced 2020 retail kWh sales. Mr. Adams describes the methodology SPS used to reduce its retail sales kWh, which SPS used to determine the proposed revised EUEA goal for the 2021-2025 period. This reduction of retail sales subject to the 5% calculation is reasonable because it aligns the magnitude of the energy savings goals with the magnitude of the budget available to fund the energy savings programs.

Q. How do the results of the EE Potential Study line up with SPS's proposed EUEA goal?

A. The study's results suggest that SPS's proposed EUEA goal is achievable, but it is very close (96.4%) to the maximum achievable energy savings reductions over the 2021-2025 time frame.

Q. How is SPS's proposed revised EUEA goal in the interest of customers?

A. As the EE Potential Study shows, pursuit of the statutory EUEA goal is beyond the reach of cost-effective programs given the specific composition of SPS's

customers. Nevertheless, SPS believes that the proposed revised EUEA goal strikes a balance that maximizes the cost-effective EE savings that can be achieved. In addition, as authorized in the EUEA 2019 amendment, SPS is proposing to increase its approved PY 2022 program budgets, to expand the programs available to all customers. These changes, which I describe in the next section of this testimony, are expected to give more customers the opportunity to participate in programs that reduce energy costs and avoid environmental impacts.

Q. How does the expected spend calculated in the potential study maximum scenario align with the EUEA 3% to 5% spend allowance?

A. As shown in Table MRS-4, the potential study calculated that the annual spend required to execute the maximum achievable potential scenario ranges from $23.11M to $29.95M over the period of 2021 through 2025. Each annual value in this range is greater than the forecasted 5% spend value for 2022 and is expected to be higher than the 5% spend value for 2023 through 2025.

Q. Is SPS proposing to exceed the 3% to 5% spend range defined in the EUEA?

A. No, SPS will attempt to achieve its proposed goal at an annual cost within the 3% to 5% spend range.

Q. How does SPS expect to stay within the spend range given the EE Potential Study cost estimates that the Maximum Scenario would exceed the 5% spend maximum specified in the EUEA?

A. SPS believes that two factors will allow SPS to stay within the EUEA range of 3% to 5%, while still being able to achieve its proposed revised EUEA energy savings goal for 2025. First, dramatically ramping up program efforts will introduce some scale economies in program administration and implementation. Second, promoting newer technologies with incremental costs that are currently high is expected to accelerate scale economies that will decrease incremental costs of efficient options and, as a result, the rebates that are needed will decrease. In both cases, the effects are hard to predict so the EE Potential Study is unable to model the cost changes with any level of confidence. Based on SPS's experience expanding and implementing EE programs, SPS is confident in its understanding of the program cost requirements to deliver cost-effective programs that can achieve the proposed revised EUEA energy savings goal for 2021-2025 within the spending guidelines.

1 **VII. SPS'S 2022 PORTFOLIO CHANGES**

2 **A. Overview**

3 **Q. Please provide an overview of SPS's 2022 EE Programs approved as part of**
4 **the 2019 Triennial Plan.**

5 A. In the 2019 Triennial Plan, SPS was approved to offer eight programs in PY 2022
6 that target customers in the Residential (including low-income) and Business
7 Segments. Additionally, SPS's approved Triennial Plan included a Planning and
8 Research Segment, which is necessary for the successful implementation of the
9 EE programs.

10 In its 2019 Triennial Plan, SPS proposed energy savings goals of 40.052
11 GWh (net customer) at a budget of $10,654,002 (including Potential Study costs
12 of $250,000) for PY 2022. The portfolio of programs was expected to produce
13 lifetime benefits from avoided generation capacity, transmission and distribution
14 capacity, and marginal energy costs of $17,747,334 in 2022,[12] which accrue to all
15 of SPS's New Mexico customers.

[12] Please see Attachment MRS-2. The portfolio lifetime benefit is reflected in the "Total Benefits" line item.

In its revised PY 2022 Portfolio, SPS is requesting an energy savings goals of 56.492 GWh (net customer) with a budget of $14,534,799 for PY 2022. The portfolio of programs was expected to produce lifetime benefits from avoided generation capacity, transmission and distribution capacity, and marginal energy costs of $26,429,722.

Please refer to Attachment MRS-2, which provides a summary of the budgets and demand and energy savings at the net customer and net generator levels, as well as the UCT results at the program level for the PY 2022 portfolio Executive Summary, SPS's requested revised PY 2022 portfolio Executive Summary, and a delta summary detailing the differences in the two portfolios.

Q. Please describe the revised PY 2022 Portfolio that SPS is proposing in this filing.

A. The revised PY 2022 Portfolio builds off the PY 2022 portfolio that was approved as part of SPS's 2019 Triennial Plan and includes changes to rebate levels and participation as a result of the EE Potential Study findings. SPS also incorporated revisions to the Technical Resource Manual ("TRM") that was updated and released in the spring of 2020 by Evergreen.

B. Program Summaries and Proposed Modifications

1. Residential Segment Programs

Q. Please provide a summary of the residential programs approved in the PY 2022 Portfolio and the proposed modifications.

A. In its 2019 Triennial Plan, SPS received approval to offer seven residential programs in PY 2022. These programs are summarized in the following bullets, each followed by SPS's proposed modifications or additions to the programs.

- Energy Feedback Program – The Energy Feedback program is designed to quantify the effects of informational feedback on energy consumption in approximately 15,000 residential households, consistent with the Commission's Final Order in Case No. 09-00352-UT.[13] This program provides educational materials and communication strategies to create a change in energy usage behavior. The purpose of the program is to measure when, how, and why customers change their behavior when provided with feedback on their energy using habits.
    - In PY 2021, SPS's program administrator added a new group of customers to the program, which consists of 9,015 customers. This participant group has been added to the portfolio forecast.

[13] Case No. 09-00352-UT, *In the Matter of Southwestern Public Service Company's Application for Approval of its 2010/2011 Energy Efficiency and Load Management Plan and Associated Programs, Requested Variances, and Cost Recovery Tariff Rider,* Final Order Adopting Certification of Stipulation (Mar. 15, 2011).

- Residential Cooling Program – This program offers rebates for the purchase of high efficiency evaporative cooling, air conditioning, and heat pump units. Rebates for evaporative coolers are paid for purchase of new units with an efficiency greater than 85%, installed in new or existing construction, regardless of whether or not the customer is replacing an existing unit. Evaporative cooling technology is well-suited to SPS's service territory, creating an opportunity to drive customers to higher levels of efficiency within this air conditioning category. Air conditioning and heat pump rebates are paid to registered contractors who perform a quality installation in new and existing homes.

    - For PY 2022, SPS is proposing to add standard efficiency evaporative coolers to its measure list.

    - Starting in PY 2022, SPS is proposing to pay rebates directly to customers in existing homes and to builders for in new homes for high efficiency heating, ventilation, and air conditioning ("HVAC") equipment without quality install.

- Home Energy Services ("HES") Program – Under this program, SPS provides incentives for the installation of a wide range of energy savings measures that reduce customer energy costs. The incentives are paid to energy efficiency service providers on the basis of deemed (*i.e.,* pre-determined) energy savings. The program includes attic insulation, air infiltration reduction, refrigerators (for low-income participants), and duct leakage repairs. The program is delivered via third-party providers interacting directly with customers to perform the home improvements. Both offerings are very cost-effective and the Low-Income HES product specifically ensures that all customer segments have the ability to participate in SPS programs. Multi-family buildings are also eligible to participate in the program. The residential portions of these buildings are serviced through the HES program while the non-residential spaces are serviced through the Business Comprehensive program. Additionally, Income-qualified customers, will receive an offer through mail informing them of their

eligibility to receive a free Energy Savings Kit. A customer is qualified by being identified as receiving energy assistance through federal Low-Income Home Energy Assistance Program. If the customer chooses to receive a kit, they will send their response to the Implementer. Customers will receive a kit within six to eight weeks.

- Starting in PY 2022, SPS is proposing to offer advanced power strips to its measure list in both the residential and Low-Income HES ("Low-Income HES") offerings.

- Home Lighting & Recycling Program – This program provides incentives for customers to purchase energy efficient light-emitting diodes ("LED") through participating retailers. Participating retailers may include home improvement, mass merchandisers and hardware store locations. Customers will be able to recycle used Compact Florescent Lights ("CFL") at select retail partner locations.

- Heat Pump Water Heaters – This program provides rebates for the purchase of high-efficiency electric heat pump water heaters. Customers can purchase these units through local home improvement stores or HVAC contractors.

  - Starting in PY 2022, SPS is proposing that home builders also be eligible for incentives when installing high-efficiency electric heat pump water heater in their new homes.

- School Education Kits Program – The School Education Kits Program provides free kits to fifth grade classrooms in SPS's New Mexico service area. These kits include energy efficiency educational materials and products, including four LEDs, one low-flow showerhead, a kitchen and bathroom aerator, and an LED nightlight, which are distributed along with curriculum. This program provides value beyond the direct installation of measures included in the kits by creating awareness of energy efficiency with students, teachers, and parents.

- Starting in PY 2022, SPS proposes to offer specialty bulb kits to participating schools for additional incentive and savings. These kits include 5-watt, 3-way, globe, 15-watt, 8-watt bulbs, and two LED nightlights.

- Starting in PY 2022, SPS proposes to add EE power strips to its measure list.

- Smart Thermostat EE Program –This program utilizes the new ENERGY STAR Connected Thermostat specification. Thermostats meeting the Energy Star performance standard will be rebated as long as they are compatible with Xcel Energy's demand response management system. SPS will offer a $50 rebate for all thermostats that meet the program criteria.

  - If approved, SPS would rebrand the Smart Thermostat EE Program to the Residential Thermostat Rewards Program that would offer residential customers the opportunity to participate in a new Demand Management ("DM") offering coupled with EE savings. This program will provide customers with three enrollment options including a $50 incentive for purchasing and installing a qualifying ENERGY STAR rated smart thermostat in their home. The second option consists of a onetime $25 bill credit for signing up in SPS's residential heating or cooling DR offerings through a Bring Your Own Thermostat ("BYOT") structure. Customers can receive both incentives if they meet equipment qualifications. SPS is also proposing a third option, which includes a $25 bill credit to customers who have a free ENERGYSTAR rated smart thermostat direct installed and enrolled in the DM portion of this offering.

In addition to the above-described program revisions, SPS also proposes to add the following program to its PY 2022 residential EE program portfolio:

- Refrigerator Recycling Program – If approved, the Refrigerator Recycling program will offer incentives single-family residential customers who recycle working refrigerators and freezers. Rebates would also be offered to encourage residential customers to remove secondary refrigerators from the customers home (i.e., garage or basement equipment that is not the residences primary means of refrigeration). The program also proposes to offer free pick-up and disposal of operable room air conditioners and dehumidifiers, but no financial incentive will be offered.
    - This is a program that was previously offered, but it has not been in SPS's EE portfolio for several years. SPS proposes to include this offering in PY 2022.

Q. You mention above that SPS is proposing a Residential Thermostat Rewards Program to replace SPS's current Smart Thermostat EE program. Please explain the proposed program and how it is different from the current thermostat offering SPS has in market.

A. If approved, the Residential Thermostat Rewards Program would build off the Commission-approved Smart Thermostat EE Program and would reintroduce a DM offering to SPS customers within its New Mexico territory. SPS currently offers rebates to customers who install ENERGY STAR smart thermostats that are compatible with the new demand management offering through the Xcel Energy store and retail outlets. The new DM program will allow customers to enroll in the offering in two ways: Option one requires customers to BYOT,

which would allow any customer who has electric heat or central air conditioning ("AC"), wi-fi, and a qualifying thermostat to be eligible to participate in either or both the heating and cooling rewards. Customers will be incentivized with a one-time incentive for enrolling their qualifying device in the cooling or heating reward programs. Customers participating in the BYOT or direct-install channel will receive an annual $25 bill credit for the lifetime of the equipment for their ongoing participation in events. Those customers who do not have a qualifying thermostat, but have electric heat or AC, can receive an incentive for purchasing and installing an ENERGY STAR® rated thermostat that is residential cooling/rewards qualified. For thermostats purchased off of the Xcel Energy Storefront, the $50 equipment rebate is applied to qualifying customers at checkout. The second option for customers to participate in the program is to have an ENERGY STAR® rated thermostat direct installed at no cost to the customer. The program is looking to add the direct-install option to other programs with onsite resources, such as HES, as available. SPS is looking to bring back DM customer choices to help balance the grid for carbon reduction, economic, or capacity needs. Table MRS-7 outlines the measures SPS is proposing in this program and their incentive levels.

Table MRS-7

Measure Offerings	Incentives
Direct install	$25 annual credit in October
Residential cooling-heating rewards (BYOT)	$25 bill credit each for enrolling in the demand management programs and $25 annual bill credit in October
Thermostat Optimization	$50 incentive for installing a qualifying ENERGY STAR rated smart thermostat

Q. Please explain the Refrigerator Recycling Program and why SPS is proposing to add the program back into the portfolio in PY 2022.

A. SPS is requesting to reintroduce the Refrigerator Recycling program to its portfolio following its removal in the 2016 Plan Filing for PY 2017. At the same time SPS was experiencing budget cuts to its portfolio, the Refrigerator Recycling program's Third-Party Party Implementer ("Implementer") costs were increasing due to its (SPS) location to the Implementers recycling plant. SPS agreed to remove the program from market and reintroduce it when conditions were more favorable. As the program has been out of market in recent years, the stock of secondary refrigerators has increased resulting in additional potential for this program. This higher number of units available will help to reduce the per unit cost of recycling the units, making the program more cost effective.

1 **Q. Did SPS update any of its program assumptions to account for Evergreen's**
2 **2020 TRM revisions?**
3 A. Yes. Evergreen released an updated New Mexico TRM in the spring of 2020 that
4 accounted for changes in savings methodologies for several measures listed
5 within the manual. SPS has aligned its PY 2022 assumptions and forecasts to
6 account for these changes.
7 One of the largest updates SPS accounted for in the update impacts its
8 Home Lighting Program assumptions. Evergreen updated the lighting guidance
9 and methodologies in the revised 2020 TRM to use the EISA Tier 1 baseline
10 starting in PY 2020. SPS incorporated those changes into its portfolio in PY 2020
11 and its assumptions for PY 2021 and PY 2022.
12 ***2. Business Segment Programs***
13 **Q. Please provide a summary of the business programs approved in the PY 2022**
14 **Portfolio and the proposed modifications.**
15 A. In its 2019 Triennial Plan, SPS received approval to offer one business program
16 with six products in its PY 2022 Portfolio. This program and SPS's proposed
17 modifications are described below. SPS is not requesting to add or remove any
18 products or programs to this segment.

- Business Comprehensive Program – This program includes the bundling of the following products: Cooling Efficiency, Custom Efficiency, Large Customer Self-Direct, Lighting Efficiency, Motor & Drive Efficiency, and Building Tune-Up.
    - Cooling Efficiency: Provides rebates for purchasing air conditioning equipment that exceeds standard efficiency equipment. This product also includes rebates for particular commercial refrigeration equipment.
    - Custom Efficiency: Offers customized rebates based on an engineering analysis of specific customer projects. This product is for technologies and strategies that are either too new or too complex for SPS to have a prescriptive rebate.
    - Large Customer Self-Direct: Customers using over 7,000 MWh per year may choose to administer their own energy efficiency projects to receive either a bill credit or exemption from a portion of the charges under the EE Rider.
    - Lighting Efficiency: This product provides prescriptive rebates for the most common energy efficiency upgrades to lighting systems.
        - SPS proposes to add direct linear retrofit kits to its measure list for the program.
        - SPS proposes to add direct install Type B LED linear tubes to its measure list for the program.
    - Motor & Drive Efficiency: This product offers prescriptive rebates for the most common energy efficiency upgrades for motors and variable speed drives. This product also includes rebates for pump-off controllers used in oil and gas operations and rebates for particular compressed air equipment.

- Building Tune-Up: This product features a scaled-down recommissioning-style offering aimed at lower-cost efficiency improvements for small- to mid-sized business customers.

Q. Did SPS have any participants in the Large Customer Self-Direct program in PYs 2019 and 2020 and does SPS forecast any participants in PYs 2021 or 2022?

A. No. SPS did not have participation in the Large Customer Self-Direct program in PYs 2020 and currently has not had discussions with any customer who is interested in participating. However, if a large customer chooses to participate under 17.7.2.10 or 17.7.2.11 NMAC, SPS will comply with the requirements under those portions of the EE Rule.

3. Planning and Research Segment

Q. Please provide a summary of the Planning and Research Segment approved in the PY 2022 Portfolio and the proposed modifications.

A. In its 2019 Triennial Filing, SPS received approval to offer five Planning and Research Segment programs or functions. SPS is not requesting to add, remove, or modify any aspect of the approved Planning and Research Segment. The following components are included within the Planning and Research Segment:

- Consumer Education: This program includes activities to increase residential customer awareness of the benefits of energy efficiency and conservation. Examples of activities include advertising through local newspapers, third-party websites[14], newsletters, bill onserts, and radio. The messaging includes targeted communications to address seasonal energy usage challenges.

- Market Research: This activity focuses on market research to provide information for SPS to use in its decision-making process concerning EE program design, planning, and delivery.

- Measurement and Verification: This activity is responsible for managing and coordinating the overall M&V Plan for SPS and working with the Commission's Independent Program Evaluator, Evergreen, to ensure compliance with the EUEA and the EE Rule. In addition, each direct savings program budget includes Evergreen's estimated budget that will be needed to conduct program-specific M&V.

- Planning & Administration: This function ensures compliance with all EUEA and EE Rule requirements. Specifically, this group is responsible for the coordination and preparation of the various New Mexico EE regulatory filings. These activities include the preparation of testimony, the annual plans and reports, discovery responses, rulemaking comments, benefit-cost analyses for every program, and tracking and reporting of EE expenditures and savings achievements. Additionally, any outside consultants and external legal service fees related to EE regulatory activities are included in this budget.

[14] Third-party websites may include websites for community organizations, program sponsors, or partner contractors.

- Product Development: This activity identifies, assesses, and develops new EE programs, including engineering support and technical assumptions, and also supports the modification of current programs.

C. Program Selection and Budgeting Process

Q. Please generally describe the process used by SPS in the development of the PY 2022 program changes.

A. SPS used the Commission-approved PY 2022 portfolio of programs as a basis to build upon for its updated PY 2022 portfolio. SPS incorporated the measure-level changes to its technical assumptions stemming from Evergreen's updated TRM. SPS then added measures, as described earlier, and adjusted rebate levels and participation forecast to transition to the maximum achievable scenario within the EE Potential Study.

Q. Does SPS propose to continue operating any programs while it awaits a Commission decision in this case?

A. Yes. Consistent with prior practice, if the Commission has not made a final decision on SPS's programmatic changes for PY 2022 by December 31, 2021, SPS proposes to continue operating its approved PY 2022 suite of programs in the interim. This approach is reasonable, as temporary program stoppage creates customer confusion, can hinder customers' ability to complete EE projects, and

prevents customers from accessing programs designed to reduce their energy bills. Furthermore, temporary program stoppage is administratively inefficient and decreases program cost-effectiveness.

Q. Please describe SPS's budgeting process.

A. SPS began by establishing the projected program funding parameters it would receive in 2022 consistent with the 3-5% funding methodology outlined in the EUEA.

As referenced above, rebates and subsequent forecast were increased to align with the max achievable scenario in the EE Potential Study. Rebates were typically set to equal the full incremental capital cost of each measure. Adjustments were then made to each measure, as necessary, to incorporate additional market conditions such as customer preferences, customer awareness equipment availability, and the level to which contractors embrace each technology. As these market conditions change through time, SPS will adjust individual rebate levels to achieve the approved goals in the most cost-effective manner possible.

Q. Does SPS propose to operate its programs in PY 2022 under the proposed PY 2022 budget?

A. Yes. Consistent with prior practice, SPS proposes to apply the approval of its 2022 budget to the entirety of 2022, even if the Commission has not made a final decision by December 31, 2021. Such an approach is consistent with the 3%-5% funding level required under the EUEA and the Commission's EE Rule (*i.e.*, the lower of 3% of customers' bills or $75,000 per year per customer per calendar year).

Q. Does the EE Rule require that SPS file budgets for each of its specific programs?

A. Yes. Rule 17.7.2.8.H(12) NMAC requires that a "detailed separate measure or program budget that identifies the estimated monetary program costs to be incurred" be provided in the utility's application. SPS has met this requirement in its application.

Q. Does SPS seek flexibility in the management of the program budgets?

A. Yes. Consistent with its prior practice, SPS presents forecasted budgets for its proposed PY 2022 EE programs; however, it may adjust those budgets throughout the year and will explain in its annual report when variances of greater than 25%

1 from the budgets occur. This flexibility allows SPS to adjust its annual program
2 spending to accommodate its most successful and cost-effective programs, which
3 in turn provides increased benefits to customers.[15] In adjusting its programs'
4 budgets, SPS is still subject to the requirements of both the EUEA and EE Rule,
5 specifically the requirements to fund energy efficiency programs at the 3%-5%
6 funding level and that no less than 5% of spending be directed towards low-
7 income programs.

8 **Q. How does SPS plan to address the requirement under the EUEA that at least**
9 **5% of total spending be directed towards low-income customers?**

10 A. SPS plans to meet this requirement primarily through its Low-Income HES
11 program and Energy Savings Kits. SPS is forecasting to spend $1,135,590 on its
12 Low-Income programs, or 8% of its total proposed budget.

[15] *See* the approved Stipulation in Case No. 14-00310-UT, which allows PNM to increase the budget for any program that is reasonably anticipated to exceed the stipulated budget due to an increase in program participation costs, and reduce the stipulated budget for any program that is reasonably anticipated to be less than the stipulated budget due to a decrease in program participation costs.

1 **Q. For purposes of managing its programs budgets, will SPS adjust incentives**
2 **as needed to reflect market conditions?**
3 A. Yes. SPS proposed a rebate or incentive for most of the measures offered in its
4 portfolio, but SPS will adjust these incentives based on market conditions.[16]
5 For example, if the cost for LED lighting measures decreases, SPS could
6 consider that reduction along with other factors and adjust the incentive it pays[17]
7 for these measures, leading to an increase in cost-effectiveness of the program.
8 Alternatively, if SPS determines that a measure is not gaining traction in the
9 marketplace and that additional incentives or rebates are necessary, it could
10 increase these rates to help promote customer interest.
11 **Q. Please discuss further how SPS evaluates and minimizes the administrative**
12 **costs related to its programs.**
13 A. SPS minimizes delivery costs by determining whether it is more efficient to
14 deliver the programs using internal resources or contracting with third parties.
15 SPS self-administers its programs where it is more cost or operationally

[16] Customers receiving a Home Energy Report through the Energy Feedback Program do not receive an incentive or rebate for participation.

[17] Since SPS considers many factors, the rebate adjustment may not be in proportion to the change to the measure's incremental cost.

effective – meaning that internal staff, supplemented with consultants on an as-needed basis, handle product development, program planning, technical analyses, sales and marketing, rebate processing, and regulatory support.

While SPS self-administers the EE programs where possible, the actual sale and delivery of energy efficiency technologies to end-use customers is conducted by market suppliers and vendors, such as retailers and contractors. In addition to SPS-provided messages, training, and education, SPS relies upon retail suppliers and vendors to educate customers about energy efficiency and market equipment or services. SPS has generally found this approach to be the most effective and efficient method for operating EE programs.

SPS uses third-party providers to assist in implementing certain programs including School Education Kits, Business Comprehensive, Home Energy Services (Res and LI), Energy Feedback, Home Lighting, Residential Thermostat Reward Program, and Refrigerator Recycling.

Q. How does SPS allocate the Planning and Administration costs?

A. SPS does not directly allocate the Planning and Administration costs to specific programs. As first approved by the Commission in SPS's EE/LM 2008 filing

(Case No. 07-00376-UT),[18] and utilized and approved since, indirect costs such as Consumer Education or Market Research are separated from the individual program budgets. Allocating these costs directly would not be appropriate for the following reasons:

- Inaccuracy: Because these indirect costs do not directly benefit a program and are not associated with the direct operation of a program, it would be inappropriate to allocate these costs in a similar manner as, for example, allocating the cost of developing a new product to an unrelated existing product.

- Irregularity: Because these indirect costs are not consistent in their accrual, direct allocation could result in significant year-to-year changes in the budgeting and reporting process that would inaccurately reflect when the benefits of these indirect programs are received.

- Management: Because of the irregularity of these indirect costs, direct allocation would require additional and unwarranted administrative efforts to account for these costs and would require a change in the SPS accounting process.

[18] Case No. 07-00376-UT, *In the Matter of Southwestern Public Service Company's Application for Approval of Electric Energy Efficiency and Load Management Programs and Program Cost Tariff Riders Pursuant to the New Mexico Public Utility Act and Efficient Use of Energy Act,* Final Order (Apr. 17, 2008).

Q. Is the Planning and Research Segment budgets within SPS's Potential Study filing reasonable?

A. Yes. The total budget for the Planning and Research Segment for 2022 is $1,115,000 which is approximately 7% of the total portfolio budget of $14,534,799. The costs included in this segment are necessary to deliver the programs needed to meet the EUEA goals.

D. Potential Study Stakeholder Meeting Process

Q. Please describe SPS's stakeholder meeting process for its EE Potential Study Filing.

A. In the Uncontested Stipulation in Case No. 19-00140, the parties agreed to, and the Commission approved, a stipulation that required SPS to engage with stakeholders during the EE Potential Study Process and hold semi-annual roundtable discussions to review measure lists, key assumptions about measures, and preliminary results. SPS held three roundtable discussions during the development of the EE Potential Study, which occurred on July 24, 2020, February 11, 2021, and May 31, 2021. Guidehouse was also available at these roundtable meetings to provide updates and answer questions regarding the EE Potential Study. These roundtable discussions provided SPS an avenue to address

it current PY portfolio and solicit feedback, as well as update interested stakeholders on savings progress, solicit program recommendations, program evaluations—i.e., whether program recommendations are viable. Please refer to Table MRS-8 for a description of topics discussed at each roundtable discussion.

Table MRS-8

Date	SPS Updates	Guidehouse Updates
7/24/2020	• PY 2019 Overview • Status of PY 2020 Offerings • Potential Study Team Introductions/ Project Overview	• Project Plan • Modeling • Methodology Measure Characterization
2/11/2021	• PY 2020 Overview • PY 2021 Portfolio Forecast • PY 2021 Filing Update	• Project Progress • Data Collection, Measure Densities & Saturation • Draft Residential Technical Potential
May 31, 2021	• None	• Project Progress • Draft Technical & Economical Potential Results • Draft Achievable Potential Results

VIII. COST-EFFECTIVENESS TEST ASSUMPTIONS AND CALCULATIONS

A. General Description

Q. What is the New Mexico cost-effectiveness standard for EE programs?

A. The EUEA requires the use of the UCT to evaluate the cost-effectiveness of EE programs. The EUEA defines the UCT as follows:

> A standard that is met if the monetary costs that are borne by the public utility and that are incurred to develop, acquire and operate energy efficiency or load management resources on a life-cycle basis are less than the avoided monetary costs associated with developing, acquiring and operating the associated supply-side resources.[19]

The UCT measures the effectiveness of the program in terms of avoided revenue requirements that are realized when customers utilize energy more efficiently in comparison to utility costs for delivery of energy efficiency projects. As a result, the UCT has these sensitivities:

- an increase in rebates has a negative impact on the test;
- an increase in other project costs has a negative impact on the test; and

[19] NMSA 1978, § 62-17-4(K).

- an increase in avoided revenue requirements has a positive impact on the test.

In addition, 17.7.2.8(J) NMAC also requires that the public utility demonstrate that its portfolio of programs or measures be cost-effective – meaning a UCT of greater than one.

Q. Did SPS perform a UCT calculation for the proposed programs in PY 2022?

A. Yes. Please refer to Attachment MRS-3 for a copy of SPS's detailed Cost-Benefit Benefit Analysis for each of SPS's proposed programs. With the exception of Refrigerator Recycling and Residential Thermostats Rewards, the proposed programs in the portfolio meet the cost-effectiveness standards (*i.e.*, each proposed program has a UCT ratio of 1.0 or greater), with a total projected portfolio UCT ratio of 1.82 for PY 2022. Therefore, since the portfolio UCT is greater than one, the requirement in Rule 17.7.2.8(J) is satisfied. In other words, for every $1.00 spent by SPS and participating customers to implement the programs and to upgrade to energy efficient technologies, all SPS customers save $1.82 in lifetime avoided supply-side costs.

B. Utility Cost Test Calculations

Q. Please describe how SPS calculates the UCT ratio for each program.

A. The UCT ratio is calculated as the net present value ("NPV") of the supply-side benefits (also known as system benefits or cost to serve) (numerator) divided by the NPV of the utility costs (denominator).

Q. What does SPS mean by "supply-side benefits"?

A. Supply-side benefits are system benefits which accrue to all customers by reducing or alleviating the need to build (or purchase) new generation, transmission, and/or distribution to meet growing customer demand. While the participants in EE programs will reap the additional benefit of a decrease in their electricity consumption, all customers will benefit from the system reductions.

Q. What are the supply-side benefits and how are they calculated for each EE program?

A. SPS avoids generation capacity, transmission and distribution ("T&D") capacity, and marginal energy including carbon dioxide emission costs associated with reduced electricity use. SPS used deferred combustion turbine costs to calculate the value of avoided generation considering future resource needs and forecasted generation additions to the SPS system consistent with the final order in SPS's 2017 rate case (Case No. 17-00255-UT).

SPS used the values of avoided T&D capacity as identified in the Public Service Company of Colorado's study of avoided T&D costs, performed in 2016 and included in the 2017 Strategic Issues Proceeding (Colorado Public Utility Commission Decision No. C08-0417). SPS has not performed a T&D study since its last EE filing in 2016 (Case No. 16-00110-UT).

SPS used PLEXOS to calculate the value of marginal energy savings and avoided carbon dioxide emissions.

Q. Please generally describe what PLEXOS is.

A. PLEXOS is simulation software which simulates the operation of an electric generation system. This simulation is dependent on various inputs including an hourly load forecast, an expansion plan of existing and future generation sources, and the operating characteristics of these generation sources including a forecast of the prices to produce energy from each of the sources and the carbon emissions of each source.

Q. What data from Plexos is used to inform the Potential Study Filing?

A. PLEXOS provides values of the generation price each hour of the year, as well as the system average carbon emissions (lbs. CO_2/MWh) for each hour. Also included is the system load each hour of the year. The generation price of each

hour is applied to a load shape for each measure in the portfolio to determine the avoided cost of energy for that measure. This same process is applied to the avoided carbon emissions associated with each measure.

Q. Have the marginal energy and avoided capacity costs used for the programs changed from SPS's last approved EE Plan?

A. No. SPS is using the same marginal energy and avoided costs used in its most recently approved Triennial Plan filing.

Q. What costs are included in the utility costs (*i.e.*, the denominator) in the UCT calculation?

A. Utility costs consist of all the program-related expenses associated with internal administration, third-party administration, promotional costs, rebates paid to customers, incentives paid to vendors, and M&V costs. Rebates paid directly to customers make up about 44% of the total portfolio costs. Promotions – the category which captures SPS's efforts to inform, educate, and market energy efficiency to customers – makes up approximately another 8% of the budget. Internal administration, third-party delivery, and M&V make up the remaining 48% of the costs.

Q. What are the estimated monetary program costs incurred by the utility for each year of the expected useful life of the measures or programs?

A. With the exception of the annual payments described in table MRS-7 for the Residential Thermostat Reward Program, SPS only incurs costs for the measures or programs in the first year of the measure or program. In other words, the estimated program budgets, presented in Attachment MRS-1, are equal to the lifetime program costs for each program. As an example, if SPS pays a rebate to a commercial customer that installs high efficiency lighting, that rebate is paid in the first year of the estimated useful life. SPS will not make any additional rebate payments nor incur any future costs for the customer's installation of that high efficiency lighting.

Q. Continuing your example, do benefits for the installed measure continue to accrue over the lifetime of the measure or are they incurred only in the first year?

A. Yes. Benefits for the installed measure continue to accrue for the life of the measure.

Q. Has SPS incorporated into its Low-Income Program any of the non-energy benefit ("NEB") values, consistent with 17.7.2.9(B)(4) NMAC?

A. No. SPS has not assumed a 20% value of reductions in working capital, reduced collection costs, lower bad-debt expense, improved customer service, and effectiveness as utility system economic benefits. SPS's current Low-Income Program is cost effective under the UCT without the 20% NEB value.

Q. Are the proposed programs included in the Residential Segment cost-effective?

A. Yes, all of the proposed programs, with the exception of Refrigerator Recycling and Residential Thermostat Rewards, pass the UCT at the program level with an overall UCT of 2.81 in PY 2022.

Q. Are the proposed programs included in the Business Segment cost-effective?

A. Yes. All of the proposed programs pass the UCT at the program level, with an overall UCT of 1.46 in PY 2022.

Q. Are the Planning and Research Segment costs incorporated into the UCT ratio?

A. Yes. Consistent with the Commission's approval in Case No. 07-00376-UT, and each successive annual plan filing (Case Nos. 08-00333-UT,[20] 09-00352-UT, 11-00400-UT,[21] 13-00286-UT,[22] 15-00119-UT, 16-00110-UT, and 19-00140-UT), the Planning and Research Segment costs are placed into their own segment and, therefore, impact the overall portfolio UCT ratio, but not the individual programs' UCT ratios.

[20] Case No. 08-00333-UT, *In the Matter of Southwestern Public Service Company's Application for Approval of its 2009 Energy Efficiency and Load Management Plan and Associated Programs and its Program Cost Tariff Riders,* Final Order Adopting Recommended Decision (Mar. 31, 2009).

[21] Case No. 11-00400-UT, *In the Matter of Southwestern Public Service Company's Application for Approval of its (A) 2012 Energy Efficiency and Load Management Plan and Associated Programs, (B) Cost Recovery Tariff Rider, and (C) Requested Variance,* Final Order Adopting Certification of Stipulation (Jun. 7, 2012).

[22] Case No. 13-00286-UT, *In the Matter of Southwestern Public Service Company's Application for Approval of its (A) 2012 Energy Efficiency and Load Management Plan and Associated Programs, (B) Request for Financial Incentives for 2013-2015; (C) Cost Recovery Tariff Rider, and (D) Request to Establish Lower Minimum Savings Requirements for 2014 Under the Efficient Use of Energy Act,* Final Order (Jun. 24, 2014).

Q. When the Planning and Research Segment costs are included, does the total portfolio remain cost-effective?

A. Yes. When these reasonable and necessary costs are included, SPS's overall portfolio remains cost-effective with a UCT ratio of 1.82 in PY 2022. Accordingly, these budgeted expenses should be approved.

Q. Please discuss the program cost-effectiveness levels in the proposed filing versus what has already been approved for PY 2022.

A. The cost effectiveness of the portfolio increased from 1.67 approved for PY 2022 to 1.82 as proposed in this filing. This is primarily attributable to changes in rebate levels and achievement across the portfolio and adopting the changes the Evergreen made to the TRM. The cost effectiveness of the Energy Feedback, Home Lighting, Residential Cooling, School Education Kits, Custom Efficiency, and Lighting Efficiency products increased.

Q. Attachment MRS-3 shows the Refrigerator Recycling and Residential Thermostat Rewards programs with a UCT below 1. Does SPS expect this UCT to improve?

A. Yes, SPS expects that the program team will adapt these offerings to market conditions through the course of the year and the cost effectiveness will improve.

C. Program-Level Technical Assumptions

Q. Has SPS provided the technical assumptions associated with its proposed programs in its Potential Study Filing?

A. Yes. Attachment MRS-4, "Electric Planning Assumptions," includes SPS's Forecasted Planning Assumptions for PY 2022 by program. These assumptions include the technical assumptions used to calculate savings. The detailed methodology and algorithms used to calculate the energy and demand savings are reviewed by the Commission's M&V evaluator.

Q. Are the technical assumption values reasonable?

A. Yes. SPS has compiled the assumptions and calculated the savings using the latest available information relevant to the SPS service territory or from Xcel Energy's other service areas when SPS-specific information is unavailable. In addition, the technical assumptions have been updated according to the TRM or based on recommendations made by Evergreen as a result of M&V conducted in prior program years on SPS's EE programs.

Q. Is SPS seeking approval of its technical assumptions?

A. No. The Commission's Independent Program Evaluator is responsible for reviewing and recommending, if necessary, any changes to the deemed savings

and forecasted technical assumptions in conjunction with the M&V for each program year. Accordingly, SPS is not seeking Commission approval of these assumptions in this proceeding, as they will be reviewed and modified, on an after-the-fact basis, by the Independent Program Evaluator.

IX. MEASUREMENT AND VERIFICATION

Q. What is M&V?

A. M&V refers to an analysis performed by an independent evaluator that estimates reductions of energy usage or peak demand and determines any actual reduction of energy usage or peak demand that directly results from the utility's implementation of particular energy efficiency measures or programs or of particular load management measures or programs (17.7.2.7(F) NMAC). M&V is designed to provide accountability, risk management, and improvement to a utility's programs. In other words, M&V seeks to answer the following questions: (i) did the program deliver its estimated savings; (ii) how certain are these savings; and (iii) what can be done to improve future program performance?

Q. What are the requirements of the EUEA regarding M&V?

A. Section 62-17-8(B) of the EUEA requires public utilities to submit a comprehensive measurement, verification, and program evaluation report prepared by an Independent Program Evaluator at least every three years.

Q. What are the Commission's M&V requirements?

A. Rule 17.7.2.15(A) NMAC requires public utilities to annually submit a comprehensive measurement, verification, and program evaluation report

prepared by an Independent Program Evaluator. It is also required that each program be independently evaluated at least once every three years. Rule 17.7.2.15(B) NMAC requires that an Independent Program Evaluator be selected by the Commission to verify energy and demand savings. Rule 17.7.2.8(H)(15) NMAC requires supporting documentation, underlying data, calculations, estimates, and other items shall be presented in a manner that facilitates the preparation of an M&V report by an Independent Program Evaluator, along with compilation and preparation of the public utility's reporting requirements, and that facilitates a simple comparison of measure or program estimated results to actual results, including the public utility's cost of capital and discount rate.

Q. Has SPS met the M&V requirements of the EUEA and the EE Rule?

A. Yes. SPS's 2020 Annual Report includes the Independent Program Evaluator's 2020 M&V report, which was filed with the Commission on May 15, 2021 in Case No. 19-00140-UT.

Q. Has the Commission selected an Independent Program Evaluator?

A. Yes. Evergreen was selected in 2017 by the Commission's Evaluation Committee and approved by the Commission as the Independent Program Evaluator. Evergreen's contract was extended in 2020 to cover PY 2021 and PY 2022.

Q. How are the results of M&V used?

A. In each Annual Report, SPS reports savings that have been modified according to the M&V results – they may be higher, lower, or the same as what SPS initially calculated depending upon the findings of Evergreen. These modified savings are then used for compliance in reaching the EUEA goals.

Q. What are the projected PY 2022 M&V costs?

A. The total M&V costs are forecasted to be $175,000 for 2022 and are included in SPS's total program costs. Evergreen's costs are directly allocated to programs based upon the evaluation plan for each year. However, SPS's M&V costs include costs directly allocated to programs as well as general costs included in the Planning and Administration section.

Q. Are the PY 2022 M&V costs reasonable and necessary?

A. Yes. The total budget for each year M&V activities represents approximately 1% of the total portfolio budget. This is reasonable considering that a common guideline for M&V is 3-6% of total portfolio costs. Consequently, these costs should be approved by the Commission.

X. INCENTIVE MECHANISM FOR PY 2022

Q. Did SPS earn an incentive for PYs 2019 and 2020 based on reported and verified savings from the statewide evaluator?

A. Yes. SPS achieved 39.420 GWh (net customer) in 2019 which is 10 GWh over SPS approved energy goal of 29.444 GWh (net customer). SPS met its required 5% Low-Income spend requirement in 2019, spending $2,002,428 or 20% of the total portfolio spend on Low-Income programs. Based on these inputs, SPS is allowed to earn and recover a maximum incentive of $707,504 for PY 2019. Please refer to Attachment MRS-5 for a copy of the 2019 incentive calculator. Similarly, SPS achieved 46.980 GWh (net customer) in 2020 which is 10 GWh over SPS approved energy goal of 36.885 GWh (net customer) $9,515,057 on program related costs. As a result, SPS is allowed to earn and recover an incentive of $685,084 for PY 2020. SPS has provided a copy of the PY 2020 incentive mechanism in Attachment MRS-6. Please refer to the direct testimony of Mr. Adams for the 2019 and 2020 incentive reconciliations and PY 2021 and 2022 base incentive that SPS will request in its updated EE Rider.

Q. Please describe the stipulated PYs 2020-2022 incentive mechanism.

A. The incentive mechanism approved in Case No. 19-00140-UT,[23] for PYs 2020-2022, is presented in Attachment MRS-6. The incentive mechanism that was approved utilizes a sliding scale of achievement allowing SPS to earn a base incentive of 5.90% of actual spend if it meets a base incentive goal of 30 GWh net customer each year of the Plan. For every GWh achieved in excess of this base goal, SPS will incrementally achieve an additional .075% before capping out the incentive at 7.24% of actual spend, SPS's current after-tax weighted average cost of capital.[24]

Q. Is SPS proposing a modified incentive mechanism for PY 2022 in this filing?

A. No. SPS is proposing the same incentive mechanism that was approved in its 2019 Triennial filing. However, the mechanism has been recalibrated to account for changes in incremental savings goal targets that SPS must achieve in order to

[23] Case No. 19-00140-UT, *In the Matter of Southwestern Public Service Company's Triennial Energy Efficiency Plan Application requesting approval of: (1) SPS's 2020-2022 Energy Efficiency Plan and Associated Programs; (2) A Financial Incentive Plan for Plan Year 2020; (3) Recovery of the Costs Associated with a Potential Energy Efficiency Study over a Two-Year Time Period; and (4) Continuation of SPS's Energy Efficiency Tariff Rider to Recover Its Annual Program Costs and Incentives* , Final Order Approving Certification of Stipulation (Feb. 19, 2020).

[24] *See* Case No. 17-00255-UT, *In the Matter of Southwestern Public Service Company's Application for Revision of its Retail Electric Rates Pursuant to Advice Notice No. 272,* New Final Order on Partial Mandate from the New Mexico Supreme Court (Mar. 6, 2019).

earn an incentive. Please refer to Attachment MRS-7 for a copy of the proposed PY 2022 incentive. With SPS's proposed PY 2022 savings target and forecast spend updated in the revised mechanism, SPS is requesting to include a base incentive of $857,553 (forecasted spend of $14,534,799 X 5.90%) in its EE Rider calculation for PY 2022. Accounting for SPS's estimated forecasted savings of 56 GWh, SPS expects to earn an incentive of $1,031,971 for PY 2022. SPS will true-up the difference in what it earns and what is approved for its base incentive in its PY 2022 Status Report.

Q. Does this conclude your pre-filed direct testimony?

A. Yes.

BEFORE THE NEW MEXICO PUBLIC REGULATION COMMISSION

IN THE MATTER OF SOUTHWESTERN PUBLIC SERVICE COMPANY'S SUBMITTAL OF ENERGY EFFICIENCY POTENTIAL STUDY PURSUANT TO FINAL ORDER IN CASE NO. 19-00140-UT AND CORRESPONDING REQUESTS FOR APPROVAL,	)	**CASE NO. 21-_____-UT**
SOUTHWESTERN PUBLIC SERVICE COMPANY,	)	
APPLICANT	)	

VERIFICATION

On this day, July 13, 2021, I, Mark R. Schoenheider, swear and affirm under penalty of perjury under the law of the State of New Mexico, that my testimony contained in Direct Testimony of Mark R. Schoenheilder is true and correct.

/s/ Mark R. Schoenheider
MARK R. SCHOENHEIDER

Xcel Energy New Mexico DSM Potential Study 2021

Prepared for:

Xcel Energy New Mexico

Submitted by:

Guidehouse Inc.
1375 Walnut St, Suite 100
Boulder, CO 80302
303.728.2500
Guidehouse.com

July 12, 2021

guidehouse.com This deliverable was prepared by Guidehouse Inc. for the sole use and benefit of, and pursuant to a client relationship exclusively with Xcel Energy ("Client"). The work presented in this deliverable represents Guidehouse's professional judgement based on the information available at the time this report was prepared. The information in this deliverable may not be relied upon by anyone other than Client. Accordingly, Guidehouse disclaims any contractual or other responsibility to others based on their access to or use of the deliverable.

Table of Contents

Introduction and Background vi
Report Organization vi
1. Customer Characterization 1
1.1 Base Case Forecast 1
1.2 Base Case Forecast Approaches and Sources 1
1.3 Base Year Calibration 2
2. Primary Research 4
2.1 Primary Data Collection Approach 4
2.2 Residential and C&I Data Collection Summary 6
3. Energy Efficiency Measure Characterization 7
3.1 Energy Efficiency Measure List 7
3.2 Energy Efficiency Measure Characterization Key Parameters 7
3.3 Energy Efficiency Measure Characterization Approaches and Sources 7
4. Energy Efficiency Technical Potential 9
4.1 Approach to Estimating Technical Potential 9
4.1.1 Competition Groups 9
4.2 Technical Potential Results 9
5. Energy Efficiency Economic Potential 12
5.1 Approach to Estimating Economic Potential 12
5.2 Economic Potential Results 12
6. Energy Efficiency Achievable Potential 15
6.1 Approach to Estimating Achievable Potential 15
6.2 Achievable Potential Results 16
Appendix A. Customer Characterization A-1
A.1 Customer Breakout by City A-1
A.2 Residential Customer Characterization A-1
A.3 Commercial & Industrial Customer Characterization A-3
A.4 Secondary Sources for Customer Characterization A-4
Appendix B. Primary Research B-1
B.1 Approach to Primary Data Collection B-1
B.2 Sampling Approach B-1
B.2.1 Residential Population Frame B-2
B.2.2 Residential Sample B-2
B.2.3 Commercial & Industrial Population Frame B-3
B.2.4 Commercial & Industrial Sample B-3

B.3 Residential Data Collection B-7
B.3.1 Methodology B-7
B.3.2 Residential Customer Communication B-7
B.4 Commercial & Industrial Customer Characterization B-9
B.4.1 Methodology B-9
B.4.2 C&I Customer Communication B-10
Appendix C. Energy Efficiency Measure Characterization C-1
C.1 Measure List C-1
C.2 Key Parameters C-5
C.3 Key Parameter Approach and Sources C-6
C.3.1 Energy and Demand Savings C-6
C.3.2 Incremental Costs C-7
C.3.3 Density and Saturation C-7
C.4 Identifying and Characterizing Emerging Technologies C-8
Appendix D. Energy Efficiency Technical Potential D-1
D.1 Approach to Technical Potential and Replacement Types D-1
D.1.1 New Construction Measures D-1
D.1.2 Retrofit and Replace-on-Burnout Measures D-2
D.2 Competition Groups D-2
D.3 Technical Potential Results D-3
D.3.1 Results by Customer Segment D-3
D.3.2 Results by Measure D-5
Appendix E. Energy Efficiency Economic Potential E-1
E.1 Economic Potential TRC and UCT E-1
E.2 Economic Potential Results E-2
E.2.1 Results by Customer Segment E-2
E.2.2 Results by Measure E-3
Appendix F. Energy Efficiency Achievable Potential 1
F.1 Approach to Estimating Achievable Potential 1
F.1.1 Calculation of Equilibrium Market Share 1
F.1.2 Retrofit and New Construction Technology Adoption Approach 2
F.1.3 Replace-on-Burnout (ROB) Technology Adoption Approach 3
F.1.4 Approach to Applying Customer Incentives 4
F.1.5 Model Calibration 5
F.1.6 Efficient Equipment Saturation 7
F.1.7 Sensitivity Analysis 10
F.2 Achievable Potential Savings – Reference Scenario 11
F.2.1 Results by Sector 11
F.2.2 Results by Customer Segment 16

F.2.3 Results by End Use 18
F.2.4 Results by Measure 20
F.2.5 Supply Curves 21
F.2.6 Budget Estimates 22
F.3 Achievable Potential Savings – Maximum Scenario 23
F.3.1 Results of Maximum Achievable Scenario 24

List of Tables

Table 1-1. Customer Segments by Sector 2
Table 2-1. Survey Topics by Segment and End Use 5
Table 2-2. Residential and Commercial Response Rate Summary 6
Table 3-1. Sources for Measure Characterization Inputs 8
Table 6-1. Total Electric Cumulative Gross Achievable Potential for Maximum Achievable and Reference Scenarios 17

Table A-1. Customer Breakout by City in Xcel Energy's New Mexico Service Territory A-1
Table A-2. Residential Customer Count by Home Type and City A-2
Table A-3. Residential Sector Customer Counts A-2
Table A-4. C&I Customer Count and Annual Consumption by Segment A-3
Table B-1. Customer Segment/End Use Combination Focus for Primary Research B-1
Table B-2. Residential Population Frame B-2
Table B-3. Residential Sample Size B-2
Table B-4. Commercial Population Frame B-3
Table B-5. Industrial Population Frame B-3
Table B-6. Commercial Sample Size B-4
Table B-7. Commercial Sample Size with Substrata B-5
Table B-8. Industrial Sample Size B-6
Table B-9. Industrial Sample Size with Substrata B-6
Table B-10. Residential Survey Distribution Summary B-7
Table B-11. Residential Response Rate Summary B-9
Table B-12. Stratification of Completed Residential Customer Surveys B-9
Table B-13. C&I Survey Distribution Summary (Online Only) B-10
Table B-14. C&I Disposition Summary by Bellomy Research B-11
Table B-15. C&I Response Rate Summary B-11
Table B-16. Stratification of Completed C&I Customer Surveys B-12
Table C-1. Residential End Uses and Measures C-1
Table C-2. Commercial & Industrial End Uses and Measures C-2
Table C-3. Key Measure Characterization Parameters C-5
Table F-1. Efficient Saturation Trend for Top 10 Measures 9
Table F-2. Total Electric Cumulative Gross Achievable Potential as a Percentage of Electric Sales 13
Table F-3. Total Electric Cumulative Gross Achievable Potential as a Percentage of Electric Peak Demand 14
Table F-4. Cumulative Electric Gross Achievable Potential by Sector (GWh/year) 15
Table F-5. Cumulative Peak Demand Gross Achievable Potential by Sector (MW) 16
Table F-6. Top 20 Energy Efficiency Measures for Electric Gross Achievable Potential by 2030 (GWh/year) 21

Table F-7. Estimated Program Funding, Reference Scenario 23
Table F-8. Electric Achievable Gross Potential for Max Achievable Scenario Relative to Reference 24

List of Figures

Figure 1-1. Xcel Energy's New Mexico Territory.....1
Figure 4-1. Electric Energy (GWh/year) and Demand (MW) Technical Savings Potential by Sector.....10
Figure 4-2. Electric Energy and Demand Technical Savings Potential by Sector as a Percent of Sector Sales (%).....11
Figure 5-1. Electric Energy (GWh/year) and Demand (MW) Economic Potential by Sector.....13
Figure 5-2. Electric Energy and Demand Economic Potential by Sector as a Percent of Sector Consumption (%).....14
Figure 6-1. Total Electric Cumulative Gross Achievable Potential.....16

Figure D-1. Electric Energy Technical Potential by Customer Segment (GWh/year) D-4
Figure D-2. Electric Demand Technical Potential by Customer Segment (MW).....D-5
Figure D-3. Top 40 Measures for Electric Energy Technical Potential in 2030 (GWh/year)....D-6
Figure D-4. Top 40 Measures for Electric Demand Technical Potential in 2030 (MW).....D-7
Figure E-1. Electric Energy Economic Potential by Customer Segment (GWh/year).....E-2
Figure E-2. Electric Demand Economic Potential by Customer Segment (MW).....E-3
Figure E-3. Top 40 Measures for Electric Energy Economic Potential in 2030 (GWh/year)....E-4
Figure E-4. Top 40 Measures for Electric Demand Economic Potential in 2030 (MW) E-5
Figure E-5. Electric Energy Economic Potential LCOE Supply Curve in 2030 .....E-6
Figure E-6. Electric Demand Economic Potential LCOE Supply Curve in 2030 .....E-6
Figure F-1. Example of Payback Acceptance Curve for Residential HVAC Measures.....2
Figure F-2. Stock/Flow Diagram of Diffusion Model for Retrofits.....3
Figure F-3. Stock/Flow Diagram of Diffusion Model for ROB Measures.....4
Figure F-4. Historic and Modeled Achievable Savings for Residential Sector (representative of only measures that overlap between potential study and historic program data) 6
Figure F-5. Historic and Modeled Achievable Savings for C&I Sectors (representative of only measures that overlap between potential study and historic program data).....7
Figure F-6. Residential Lighting Example of Efficient Saturation Effects on Gross Achievable Potential 8
Figure F-7. Sensitivity of Gross Savings Potential to Modeling Parameters.....10
Figure F-9. Total Electric Cumulative Gross Achievable Potential as a Percentage of Forecast Electric Sales 12
Figure F-10. Total Electric Cumulative Gross Achievable Potential as a Percentage of Forecast Electric Peak Demand 13
Figure F-11. Cumulative Electric Gross Achievable Potential by Sector (GWh/year).....15
Figure F-12. Cumulative Peak Demand Gross Achievable Potential by Sector (MW).....16
Figure F-13. Cumulative Gross Achievable Potential by Residential Customer Segment.....17
Figure F-14. Cumulative Gross Achievable Potential by Commercial Customer Segment 18
Figure F-15. Cumulative Gross Achievable Potential by Residential Sector End-Use 19
Figure F-16. Cumulative Gross Achievable Potential by Commercial Sector End-Use 20
Figure F-17. Electric Gross Achievable Potential Supply Curve, All Sectors.....22

Introduction and Background

Xcel Energy retained Guidehouse to develop an estimate of the potential for energy efficiency for the company's New Mexico service territory over a nine-year time horizon from 2021 to 2030. This study focused on energy efficiency potential only. Guidehouse conducted primary research to collect New Mexico-specific customer and measure data to inform the modeling inputs and modeled the technical, economic, and achievable potential for energy efficiency using its proprietary DSMSim™ model. Guidehouse calculated gross achievable energy efficiency potential for two scenarios, including a Maximum Achievable scenario (i.e., the reflection of the savings possible through unconstrained budgets, greatly heightened program activity and incentives) and a Reference scenario (i.e., the reflection of the primary and secondary data collected on the market for energy efficient technologies in Xcel Energy's New Mexico service territory).

The study data and analysis will inform Xcel Energy in the development of future DSM Plans. Throughout this study, Guidehouse sought regular input and feedback from both internal and external stakeholders, who provided important market knowledge and industry expertise for producing a robust final study. Table 1 summarizes the various elements of the project scope.

Table 1 Summary of Project Scope

Element	Dimensions
Forms of Energy	Electricity
Type of Potential	Energy Efficiency Technical, Economic, Achievable
Sectors	Residential, Commercial, and Industrial (C&I)
Climate	Single Weather Zone
Time Horizon	2021-2030 (9 years)

Report Organization

The report is organized as follows:

- Section 1 provides an overview of **Customer Characterization** developed and used in the study. This section provides the breakdown of customers by sector and segment.
- Section 2 provides an overview of the **Primary Research** conducted for collecting customer and measure data that were used as inputs in the model.
- Section 3 discusses the **Energy Efficiency Measure Characterization**, including key parameters.
- Section 4 presents the **Energy Efficiency Technical Potential Forecast** for energy efficiency measures, including a summary of results by sector and end use.
- Section 5 provides the **Energy Efficiency Economic Potential Results** for energy efficiency measures, including a summary of results by sector and end use.
- Section 6 presents the **Energy Efficiency Achievable Potential Results by Scenario (Max Achievable and Reference)** for energy efficiency measures, including a summary

of results by sector, end use, customer segment, and measure, as well as cost-effectiveness test results.

The report also includes the following six appendices and three attachments:

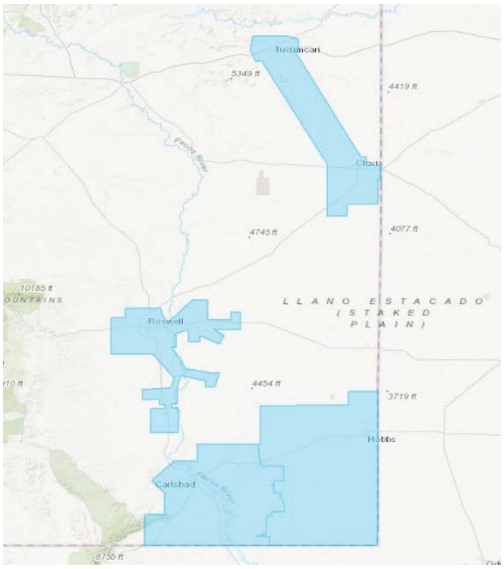
- Appendix A. Customer Characterization
- Appendix B. Primary Research
- Appendix C. Energy Efficiency Measure Characterization
- Appendix D. Energy Efficiency Technical Potential
- Appendix E. Energy Efficiency Economic Potential
- Appendix F. Energy Efficiency Achievable Potential
- Attachment A Measure Inputs
- Attachment B Results FiguresAndTables_Max Achievable
- Attachment C Results FiguresAndTables_Reference Scenario

Note: The attachments are provided at the end of the report in a separate section.

1. Customer Characterization

This section documents Guidehouse's characterization of Xcel Energy's residential and commercial and industrial (C&I) customers in the New Mexico territory (see Figure 1-1). As part of this work, Guidehouse proposed a customer segmentation scheme based on building type, income level (for residential customers), and industry (for C&I customers). Appendix A, "Customer Breakout by City" includes a detailed customer breakout by city and sector (residential and commercial).

Figure 1-1. Xcel Energy's New Mexico Territory



Source: Ventyx Energy Velocity Suite

1.1 Base Case Forecast

Guidehouse developed a base case forecast of electric sales over the study period in Xcel Energy's New Mexico service territory. The team's approach included the segmentation of sales by housing or building type and income.

In general, Guidehouse used Xcel Energy-specific data wherever possible and supplemented that data with other sources, such as Energy Information Administration (EIA) data. This approach resulted in the use of primary data collection to supplement the available secondary data as required. Appendix A, "Secondary Sources for Customer Characterization," provides the secondary sources used during the base year forecast.

1.2 Base Case Forecast Approaches and Sources

To estimate the demand side management (DSM) potential within Xcel Energy's New Mexico territory, Guidehouse requested sales and customer forecasts without the impact of DSM programs from Xcel Energy. Guidehouse then developed projections of housing and commercial building stocks, based on Xcel Energy's long-term sales forecasts and other information, such as EIA data.

Guidehouse modeled the DSM potential based on these resulting stocks and the changing proportion of new and existing buildings. In each sector, new construction savings opportunities were modeled as a function of forecasted new building stock and energy sales.

Proper segmentation reflects the minimum number of customer groups able to capture the heterogeneity in customer energy usage patterns that is meaningful for the study's goals. Guidehouse worked with Xcel Energy to determine this segmentation based on current energy efficiency measures, planned future offerings, and data available to categorize customers. We also confirmed that savings, cost, and adoption of energy efficiency measures are likely to be similar within each segment.

Guidehouse divided customers into segments with similar patterns of energy use and efficiency opportunities. Table 1-1 shows the segmentation used for this study:

- Guidehouse divided residential customers into five segments, based on the type of structure and income level (single family, multifamily, single family low income, and multifamily low income, manufactured homes). Appendix A, "Residential Customer Characterization," includes more information about the residential customers.

- The team divided the commercial sector into 11 segments and divided the industrial sector into two segments, including agriculture and manufacturing. Appendix A, "Commercial & Industrial Customer Characterization," includes more information about the C&I customers.

Table 1-1. Customer Segments by Sector

Residential	Commercial	Industrial
Single Family	Office	Agriculture
Multifamily	Retail	Manufacturing
Single Family - Low Income	Restaurant	
Multifamily - Low Income	Grocery	
Manufactured Homes	Warehouse	
	School	
	College	
	Health	
	Other	
	Lodging	
	Mining/Oil & Gas Extraction	

1.3 Base Year Calibration

This section discusses some of the trends Guidehouse observed in Xcel Energy's sales and customer forecast, as well as the impacts these trends may have on the Potential Study results. The electric sales forecast Xcel Energy provided reflects a spike in electric sales growth from 2021-2024 for C&I customers with a slower rate of growth from 2025-2030. In the residential sector, Xcel Energy is projecting a 0% growth in sales through 2024 and a 1% growth from

2025-2030. Guidehouse assumes the growth in sales is correlated with new construction in the territory, so the potential from new construction efficiency measures is also correlated with the sales growth projections.

2. Primary Research

This section outlines the approach and results of Guidehouse's primary data collection activities, which provided quality inputs into the potential model to enhance the accuracy of the technical, economic, and achievable potential. Guidehouse focused primary data collection on three areas: equipment density, efficient equipment saturation, and customer willingness to pay for efficient equipment.

2.1 Primary Data Collection Approach

Energy efficiency potential follows a power law: a small number of end uses and segments typically deliver the majority of energy efficiency savings. To maximize the impact of primary data collection, Guidehouse focused primary research activities by oversampling the customer segments and end uses shown in Table B-1 in Appendix B, "Approach to Primary Data Collection,". Guidehouse used a robust sampling approach to produce results at a confidence and precision level of 90/10 at the sector and high priority end use level, while also targeting a confidence and maximum precision of 90/20 for each stratum in the residential sector and 90/30 for each building type and priority end use combination in the C&I sector. Appendix B, "Sampling Approach" provides A detailed explanation of our sampling progress to develop the sample target.

In addition to collecting data for all segments and end uses, Guidehouse focused on characterizing the density, saturation, and customer willingness to pay for specific measures within the priority customer segment/end use combinations for primary research (see Table 1-1). Our data collection method for these characteristics was a virtual audit administered through a Qualtrics[1] web surveying platform. This virtual audit guided respondents through how to provide information on selected end uses, including quantity, type, and in some cases photos of equipment nameplates or other helpful images. The virtual audits included general questions on building characteristics to validate segmentation and fill in any gaps in segment-level parameters. Guidehouse collected data on customer willingness to pay for energy efficient equipment according to Guidehouse's standard practices for informing discrete choice logit and simple payback period modeling.

The survey design collected density data for all the prioritized end uses, but in an effort to reduce the time burden on survey respondents, it limited detailed questions about saturation, characterization, and willingness to pay to the priority segment/end use combinations Table 2-1 identified, plus one to three additional end uses randomly selected for each respondent. The following table illustrates the approach for each segment. All surveys included general building characteristics (e.g., building square footage, age, etc.) regardless of the selected end uses.

[1] Qualtrics, "Experience Design and Experience Improvement," https://www.qualtrics.com/.

Table 2-1. Survey Topics by Segment and End Use

Segment	Lighting	Space Cooling and Heating	Hot Water	Electronics	Appliances	Refrigeration	Cooking	Compressed Air	Fans, Blowers, Motors, Drives and Pumps	Process Cooling
Residential: Single Family and Multifamily	◎	◎	O	O	O	O	×	×	×	×
Residential: Manufactured	◎	O	O	O	O	O	×	×	×	×
Commercial: Office	◎	O	O	×	O	O	O	O	O	×
Commercial: Retail	◎	O	O	×	O	O	O	O	O	×
Commercial: Manufacturing and Mining/Oil & Gas Extraction	O	O	O	×	O	O	×	O	◎	O
C&I: All Other Segments	O	O	O	×	O	O	O	O	O	O

◎ **Priority end use:** All respondents received saturation, characterization, and willingness to pay questions about this end use.

O **Included end use:** Respondents received basic questions on equipment count on all included end uses, as well as detailed questions on randomly selected end uses present at respondent's building. To keep surveys to a reasonable length, the number of randomly selected end uses varied based on the number of measures included within the end use.

× **Excluded end use:** Respondents in this segment did not receive any questions about this end use.

2.2 Residential and C&I Data Collection Summary

Through the data collection process, Guidehouse achieved 93% and 61% completes for the residential and commercial sectors, respectively. Guidehouse recognized the low response rates for the residential and commercial surveys response rates (9.9% and 4.2%, respectively), which were likely due to two primary factors: screened out contacts and the COVID-19 pandemic. The residential survey achieved a total of 337 completes and 315 partial completes. The commercial survey received a total of 85 completes and 129 partial completes. Table 2-2 includes the response summary of the residential and commercial surveys. A detailed description of the methodology, customer communication and response summary can be found in Appendix B, Residential Data Collection and Commercial & Industrial Customer Characterization sections.

Table 2-2. Residential and Commercial Response Rate Summary

Sector	Target	Screen Outs	Partial Completes	Partial Completes (Density)	Total Completes	Total Completes (Including All Partial completes)	Response Rate	Percent of Target Achieved
Residential	700	51	145	170	337	652	9.9%	93%
C&I	350	79	111	18	85	214	4.2%	61%

3. Energy Efficiency Measure Characterization

Guidehouse characterized 88 energy efficiency measures across Xcel Energy New Mexico's residential and C&I sectors. The team prioritized measures for inclusion based on their likelihood to have high savings in Xcel Energy New Mexico's territories and their current market availability and cost-effectiveness. Xcel Energy New Mexico's engineering team reviewed the list in detail and provided feedback that was incorporated to finalize the measure list for this study. Guidehouse made this list available for review by stakeholders on November 9, 2021.

3.1 Energy Efficiency Measure List

Guidehouse and Xcel Energy New Mexico developed a thorough list of energy efficiency measures for this study. Guidehouse created the list based on measures in the New Mexico Technical Reference Manual (TRM), existing Xcel Energy programs, other North American TRMs and utility programs, and emerging technologies. For the purposes of this study, Guidehouse defines emerging technologies as known or existing technologies that have a reasonable chance of customer adoption in the frame of the study, and that are experiencing rapidly changing costs or efficiencies though economies of scale or R&D. Guidehouse did not include a generic future emerging technologies measure that would attempt to capture potential savings from technologies not ready for the market. This list was reviewed by Xcel Energy's program team as well as external stakeholders. We considered input from stakeholders and determined that the suggestions for new measures or adjustments to existing measures were already included in the measure list or were not feasible to analyze within the scope of this study. Guidehouse worked with Xcel Energy New Mexico to finalize the measure list and confirm it contained technologies viable for future DSM program planning activities.

Table A-2 and Table A-3 in Appendix A, "Residential Customer Characterization" provide the baseline and efficient description of all measures included in this study. This list does not include all the applicable segments for each measure. It should be assumed that each measure was characterized for all segments unless the measure itself has a niche application. For example, occupancy sensors for common areas were limited to multifamily residential segments.

3.2 Energy Efficiency Measure Characterization Key Parameters

The measure characterization effort included defining more than 50 individual parameters for each measure included in this study. These parameters include measure-specific parameters such as energy savings, cost, and measure life. It also included market-specific parameters such as measure saturation, density, suitability and more. Table A-4 in Appendix A defines 14 key parameters and how these items impact technical and economic potential savings estimates. Where appropriate, Guidehouse used primary data collected via remote audits of Xcel Energy's New Mexico customers to inform the measure parameters.

3.3 Energy Efficiency Measure Characterization Approaches and Sources

This section provides approaches and sources for the main measure characterization variables. Table 3-1 includes sources of data accessed for measure characterization and is sorted by hierarchical data preference. The New Mexico TRM and Xcel Energy New Mexico program data were the primary sources for savings and cost. Equipment density and efficient saturation

values were informed by the primary data collection conducted by Guidehouse and by Xcel Energy New Mexico's previous surveys. Where primary data was not available, baseline studies from other territories were used as supplements. Appendix C, "Key Parameter Approach and Sources," details the approach and sources used for characterizing energy savings, incremental cost, density, and saturation values.

Table 3-1. Sources for Measure Characterization Inputs

Measure Input	Data Sources
Measure Costs, Measure Life, Energy Savings	• 2020 Lighting Measure Update to the New Mexico Technical Resource Manual (TRM) • New Mexico Technical Reference Manual for the Calculation of Energy Efficiency Savings April 17, 2019 • Xcel Energy New Mexico Technical Assumptions File • Xcel Energy New Mexico Program data • Engineering analyses • Other TRMs • 2019 Xcel Energy Colorado DSM Potential Study • Guidehouse measure database and previous potential studies • US DOE Appliance Standards and Rulemakings supporting documents
Fuel Type Multipliers, Density, Baseline Initial Saturation	• Primary research conducted as a part of this study (see Appendix B, "Primary Research") • Xcel Energy (New Mexico)-Home Energy Use Study 2018 • Xcel Energy (New Mexico)-Home Energy Use Study 2020 • US EIA Residential Energy Consumption Survey (RECS) • US EIA Commercial Building Energy Consumption Survey (CBECS) • US EIA Manufacturing Energy Consumption Survey • US Census American Community Survey • US Census Annual Economic Survey • Guidehouse baseline studies from other jurisdictions

4. Energy Efficiency Technical Potential

This study defines technical potential as the total energy savings available, assuming that all installed measures being considered can immediately be replaced with the efficient measure or technology—wherever technically feasible—regardless of the cost, market acceptance, or whether a measure has failed and must be replaced.

4.1 Approach to Estimating Technical Potential

Guidehouse used its DSMSim™ model to estimate the technical potential for demand side resources in Xcel Energy's New Mexico service territory. DSMSim™ is a bottom-up technology-diffusion and stock-tracking model implemented using a system dynamics framework.[2]

Guidehouse assumes that the baseline for the technical potential of a given measure, in a given year, is the baseline applicable in that year after adjusting for codes and standards changes. The calculation of technical potential in this study differs depending on the assumed measure replacement type. Technical potential is calculated on a per-measure basis and includes estimates of savings per unit, measure density (e.g., quantity of measures per home), and total building stock in the service territory. The study accounts for three replacement types, where potential from retrofit and replace-on-burnout measures are calculated differently from potential for new measures. The formulae used to calculate technical potential by replacement type are shown in Appendix D, "Approach to Technical Potential and Replacement Types."

4.1.1 Competition Groups

Guidehouse's modeling approach recognizes that some efficient technologies will compete in the calculation of potential. The study defines competition as an efficient measure competing for the same installation as another efficient measure. For instance, a consumer has the choice to install an efficient storage or tankless water heater, a heat pump water heater, or a solar thermal water heater, but not all three. These efficient technologies compete for the same installation. A detailed explanation of the calculation of potential for measures in a competition group can be found in Appendix D, "Competition Groups."

4.2 Technical Potential Results

This section provides the technical savings potential calculated through DSMSim™ by sector. The Attachment A: Measure Inputs provides the associated data.

Figure 4-1 shows the total technical savings potential split by sector for electric energy and electric demand. The allocation of technical potential among sectors is generally comparable with the allocation of forecasted sales among sectors, with commercial and residential sectors contributing the greatest electric technical potential.

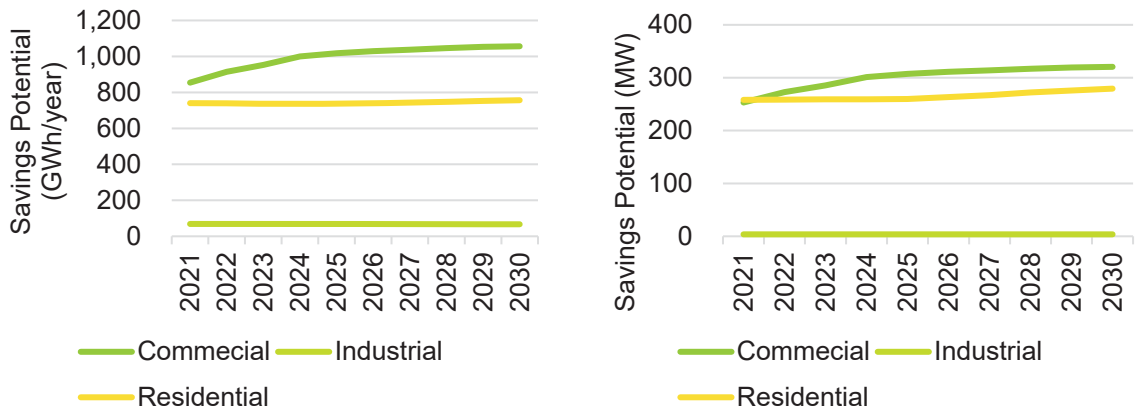
Technical potential grows over time due to new stock additions to the territory. The increase in potential in the commercial sector from 2021-2026 corresponds with an increase in projected sales during that time period. The technical potential in the residential sector remains relatively

[2] Sterman, John D. *Business Dynamics: Systems Thinking and Modeling for a Complex World*. Irwin McGraw-Hill. 2000 for detail on System Dynamics modelling. Also see http://en.wikipedia.org/wiki/System_dynamics for a high-level overview.

flat during the time horizon of the study, corresponding to minimal new construction or building stock turnover and so a flat sales projection.

Comparing electric energy with electric demand, demand savings largely track energy savings for all sectors. Xcel Energy New Mexico is a summer peaking utility, with peak demand occurring in July.

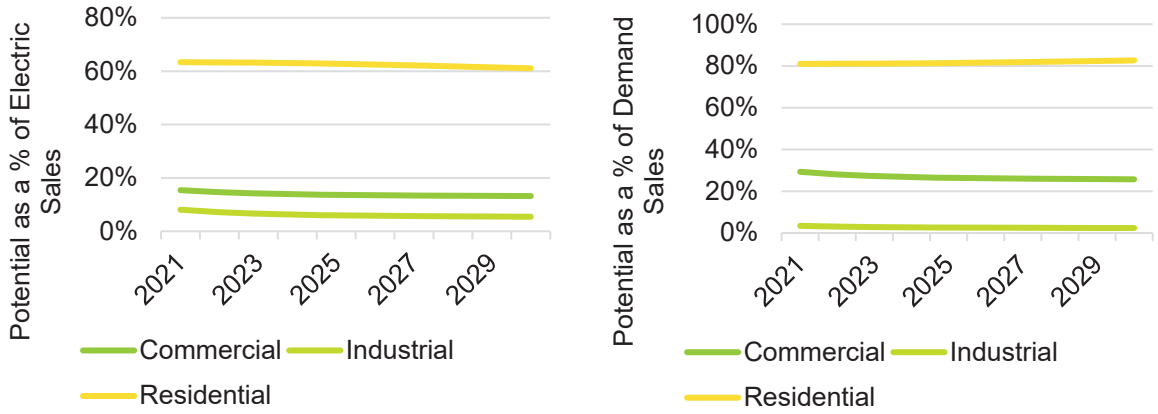
Figure 4-1. Electric Energy (GWh/year) and Demand (MW) Technical Savings Potential by Sector



Source: Guidehouse Analysis 2021

Figure 4-2 shows the electric savings potential for all sectors as a percentage of that sector's total forecasted sales. The percentages reflect a weighted average savings among measures applicable to existing building stock and new building stock constructed during the study period. As such, the slight downward-sloping residential and commercial electric sector indicates that electric savings opportunities (on a percentage of sales basis) are larger in existing construction than new construction. This perspective shows that the residential sector has the greatest technical potential as a percentage of sales for electric savings and demand savings. The mix of measures being considered within each sector is contributing to this. Additionally, building envelope and HVAC measures are driving the high potential for energy savings, and especially demand savings, in the residential sector. Guidehouse's primary research showed that the HVAC equipment and building envelope components (windows, insulation, air leakage, etc.) in the existing residential building stock is generally inefficient and offers significant potential for savings. The residential and commercial sectors' electric savings as a percentage of sales decreases slightly over time due to the changing mix of new and existing building stock, although the technical potential grows in absolute terms.

Figure 4-2. Electric Energy and Demand Technical Savings Potential by Sector as a Percent of Sector Sales (%)



Source: Guidehouse Analysis 2021

Appendix D, "Technical Potential Results" provides detailed results by segment and shows the top 40 measures contributing to technical potential.

5. Energy Efficiency Economic Potential

This section describes the economic savings potential, which is potential that meets a prescribed level of cost-effectiveness, available in Xcel Energy's New Mexico service territory. It explains Guidehouse's approach for calculating economic potential then presents the results for economic potential in the territory.

5.1 Approach to Estimating Economic Potential

Economic potential is a subset of technical potential, using the same assumptions regarding immediate replacement and interactive effects as in technical potential, but including only those measures that have passed the benefit-cost test chosen for measure screening (in this case, the total resource cost [TRC] test and utility cost test [UCT per Xcel Energy's guidance). The TRC and UCT ratio for each measure is calculated each year and compared against the measure-level ratio screening threshold of 1.0. A measure with a TRC or UCT ratio greater than or equal to 1.0 is a measure that provides monetary benefits greater than or equal to its costs. If a measure's TRC or UCT meets or exceeds the threshold, it is included in the economic potential.

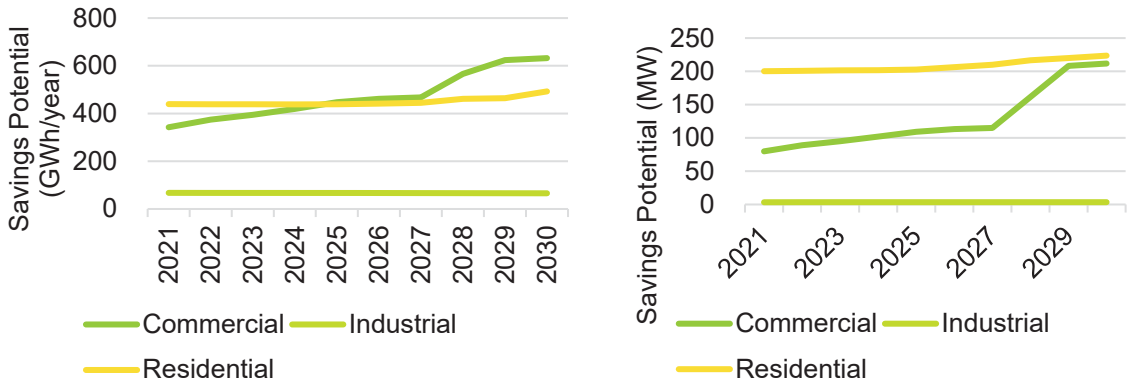
The TRC test is a cost-benefit metric that measures the net benefits of energy efficiency measures from the combined stakeholder viewpoint of the utility (or program administrator) and the customers. The UCT is a cost-benefit metric that measures net benefits of energy efficiency from the viewpoint of the utility (or program administrator). A detailed explanation of algorithms and the approach for calculating TRC and UCT ratios is provided in Appendix E, "Economic Potential TRC and UCT"

To focus the efforts of the study on the measures most likely to contribute achievable potential, Guidehouse and Xcel Energy developed a measure list based on Xcel Energy's experience managing portfolios and Guidehouse's experience estimating potential, while considering New Mexico-specific characteristics.

5.2 Economic Potential Results

This section provides the economic potential calculated through DSMSim™ by sector. Figure 5-1 shows economic electric energy and electric demand savings potential across all sectors. On average, 51% of electric energy savings and 57% of electric demand savings potential pass the economic screening process across the study period. In the residential sector, 57% of electric energy savings pass the screening; in the commercial sector, 46% pass; and in the industrial sector, 92% pass the screening. This is due to a larger number of measures in the residential sector with high technical potential such as high efficiency HVAC measures, heat pump dryers, and building envelope measures (e.g., added attic and wall insulation) failing the cost test screen.

Figure 5-1. Electric Energy (GWh/year) and Demand (MW) Economic Potential by Sector



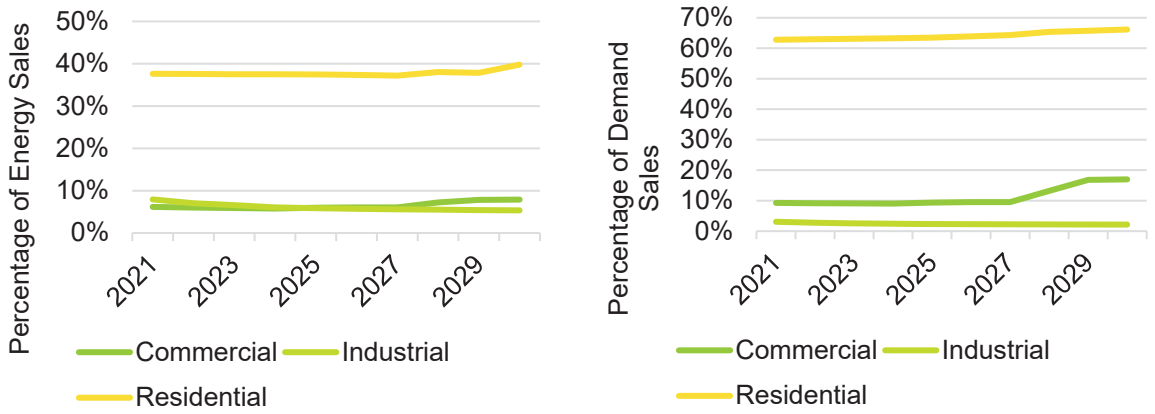
Source: Guidehouse Analysis 2021

Bumps in select years of the economic potential occur whenever one or more measures cross the cost-effectiveness threshold in one or more customer segments. Marginally economic measures having TRC or UCT ratios slightly less than 1.0 at the beginning of the study period can become economically feasible as avoided costs—which escalate at a faster rate than equipment and operation and maintenance costs—increase throughout the study the period. This is especially evident between 2027 and 2030, when avoided capacity costs increase substantially versus previous years. For example, in the commercial sector, the bump in between 2027 and 2029 is mainly a result of high efficiency central heap pumps and rooftop units with demand controls screening for the first time, coinciding with a large jump in avoided capacity costs in 2028.

Technical and economic energy potential are similar in the industrial sector (economic potential is 92% of technical potential) because the measures included in the study are selected on the premise that they are or could become reasonably attractive to industrial customers and have some likelihood of adoption given a wide range of market environments.

Figure 5-2 shows the economic electric energy and electric demand savings potential as a percentage of sales or demand, respectively. The most noteworthy trend in economic potential as a percent of sales is that, like technical potential as a percent of sales, it is flat over time. This occurs as the growth in sales outpaces the growth of potential. There are some exceptions to this pattern, such as commercial electric energy potential, where the addition of high efficiency central heat pumps in 2028 and the addition of rooftop units with demand controls in 2029 add significantly to the economic potential.

Figure 5-2. Electric Energy and Demand Economic Potential by Sector as a Percent of Sector Consumption (%)



Source: Guidehouse Analysis 2021

- Appendix E, "Economic Potential Results," provides detailed results by segment and shows the top 40 measures contributing to technical potential. All the measure-level data inputs are provided as an attachment to this report (Attachment B Results FiguresAndTables_Max Achievable).

6. Energy Efficiency Achievable Potential

Guidehouse calculated gross achievable energy efficiency potential for two scenarios, including a Maximum Achievable scenario (i.e., the reflection of the savings possible through unconstrained budgets, greatly heightened program activity and incentives) and a Reference scenario (i.e., the closest reflection of the primary and secondary data collected on the market for energy efficient technologies in Xcel Energy's New Mexico service territory).Guidehouse also conducted sensitivity analysis around customer willingness to pay for an efficient technology, equipment density (i.e., quantity of a particular item in a home or building), initial saturation of efficient technologies in the market, and Xcel Energy's sales forecast, which impacts the assumptions around new construction. All sales and savings values in this report represent energy consumption or electric demand at the customer meter.

These elements help capture the variation of gross potential that reflects the range of outcomes and uncertainty inherently present in any forecast. Although the Reference scenario is reflective of past program achievement and budget, both scenarios are reasonable estimates of future energy efficiency potential under the two sets of program assumptions described above.

6.1 Approach to Estimating Achievable Potential

The adoption of energy efficiency measures can be broken down into calculation of the equilibrium market share and calculation of the dynamic approach to equilibrium market share. The equilibrium market share can be thought of as the percentage of individuals choosing to purchase a technology provided those individuals are fully aware of the technology and its relative merits (e.g., the energy- and cost-saving features of the technology). In this potential study, Guidehouse used equilibrium payback acceptance curves that were developed using primary research from fall 2020 in Xcel Energy's New Mexico service territory. For this research, customer decision makers were asked about the quantity of various end uses within their home or business to inform density and saturation estimates and whether they would be likely to make investments in energy efficiency upgrades based on a variety of project costs and expected annual energy savings. Appendix F.1.1 provides a more detailed explanation with examples of these concepts. Initial efficient saturation (which is informed by the customer survey) has a large impact on gross achievable potential and Appendix F.1.6 presents efficient saturation trends for the top saving measures in the study along with a detailed example of the interaction between efficient saturation and savings potential.

Efficient measures can either be adopted as a retrofit, replace on burnout, or new construction measure. Guidehouse models the dynamics of how customers become aware of an efficient measure and eventually choose to adopt it or not, and how the building stock changes over time two different ways depending on the type of measure being considered. This methodology and how customer incentives to purchase the efficient measure are described in Appendices F.1.2, F.1.3, and F.1.4.

For all models that simulate future product adoption, there is no future world against which one can compare simulated with actual results, so the model has to be calibrated using historic data. For this potential study, Guidehouse took a number of steps to ensure that forecast model results were reasonable by comparing historic program performance and incentive spending with the modeled forecast. Guidehouse adjusted model parameters, including assumed incentive levels and technology diffusion coefficients to obtain close agreement across a wide variety of metrics compared for the Reference Scenario. This process ensures that forecast

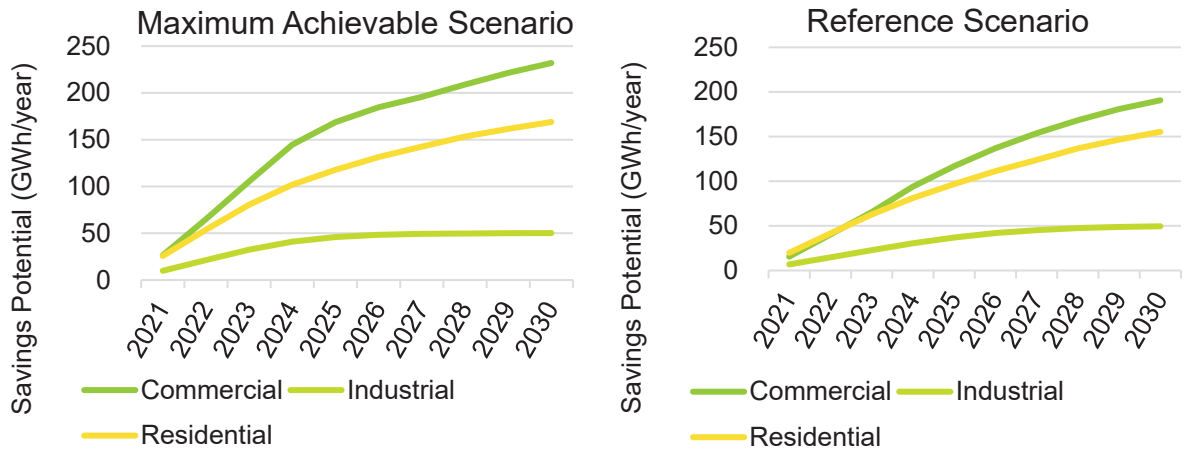
gross potential is grounded against real-world results considering the many factors that come into play in determining the likely adoption of energy efficient measures, including both economic and non-economic factors. Appendix F.1.5 provides modeled vs. historic savings for both the residential and commercial and industrial sectors and more details on how the model was calibrated.

Guidehouse also studied the impact of varying four data-driven, salient parameters in a sensitivity study to determine their impact on overall potential. Appendix F.1.7 presents a thorough description and the results of this study.

6.2 Achievable Potential Results

Figure 6-1 presents the overall gross achievable potential by sector for the Maximum Achievable and Reference scenarios, and Table 6-1 presents the gross potential as a percentage of overall forecasted sales, GWh savings, and portfolio budget through 2030. The Maximum Achievable scenario reflects the savings possible through unconstrained budgets, greatly heightened program activity and incentives. The Reference scenario was deemed to represent a business as usual case, whereby Xcel Energy would continue implementing their energy efficiency programs at comparable funding levels and for the most part continue to realize the energy savings that they have experienced from the past.

Figure 6-1. Total Electric Cumulative Gross Achievable Potential



Source: Guidehouse Analysis

Table 2-1. Total Electric Cumulative Gross Achievable Potential for Maximum Achievable and Reference Scenarios

Year	Cumulative Savings (GWh)	Percent of Sales	Annual Budget (Million$)
Maximum Achievable Scenario			
2021	62	0.8%	$24.4
2022	140	1.7%	$28.9
2023	218	2.5%	$30.0
2025	333	3.4%	$23.1
2030	451	4.3%	$20.6
Reference Scenario			
2021	42	0.6%	$10.3
2022	97	1.2%	$12.2
2023	151	1.7%	$12.4
2025	251	2.6%	$12.1
2030	396	3.8%	$10.6

Source: Guidehouse Analysis

Appendix F.2 details the results pertaining to the Reference scenario for electric gross achievable potential at different levels of aggregation. Results are shown by sector, customer segment, end use, and by highest-impact measures. Appendix F.2 also provides analysis of some of the factors influencing these results.

Appendix F.3 provides results for the Maximum Achievable scenario, the assumptions Guidehouse made in developing this scenario, and how it compares to the Reference scenario.

Attachment B Results FiguresAndTables_Max Achievable and Attachment C Results FiguresAndTables_Reference Scenario show the detailed results for both achievable scenarios.

Appendix A. Customer Characterization

This appendix provides a more detailed explanation of the customer characterization task.

A.1 Customer Breakout by City

Within the New Mexico service territory, Xcel Energy has just under 110,000 residential and C&I customers. Table A-1 shows the breakdown of these customers by sector and city. Nearly 80% of all customers reside in four cities (Roswell, Clovis, Hobbs, and Carlsbad) in the southeast quadrant of the state.

Table A-1. Customer Breakout by City in Xcel Energy's New Mexico Service Territory

City	Total Customers	Residential Customers	% of NM Residential Customers	C&I Customers	% of NM C&I Customers
Roswell	25,111	20,296	24%	4,815	19%
Hobbs	22,742	16,913	20%	5,829	23%
Clovis	18,770	15,222	18%	3,548	14%
Carlsbad	18,685	14,376	17%	4,308	17%
Artesia	6,341	5,074	6%	1,267	5%
Portales	6,341	5,074	6%	1,267	5%
Tucumcari	3,551	2,537	3%	1,014	4%
Eunice	2,113	846	1%	1,267	5%
Jal	2,113	846	1%	1,267	5%
Loving	1,353	846	1%	507	2%
Other[3]	2,198	1,691	2%	507	2%
Total	**109,317**	**83,720**		**25,597**	

A.2 Residential Customer Characterization

Guidehouse analyzed customer contact data from Xcel Energy and validated with data from the American Community Survey (ACS) for in-territory census tracts to determine customer counts in each of the segments defined for the potential study, based on a combination of home type and income level. Residential customers are classified as low income based on the following:

- ACS household income and household size data to inform the total population of residential customers who fall below 200% of federal poverty level.
- Xcel Energy data on which customers received assistance in the past 12 months to inform the low income split between single family and multifamily customers.

There are 83,720 residential customers in Xcel Energy's New Mexico service territory, the majority of which reside in single family homes. Table A-2 provides a home type breakout of

[3] The other category includes the cities of Dexter, Hagerman, Texaco, Lake Arthur, Monument, Lovington, and Malaga.

residential single family customers and multifamily customers living in a building with two to four units, multifamily customers living in a building with greater than four units, and customers living in manufactured homes.

Table A-2. Residential Customer Count by Home Type and City

City	Single Family Homes	Multifamily Customers (2-4 Units per Building)	Multifamily Customers (5+ Units per Building)	Manufactured Homes
Roswell	14,455	726	1,835	3,241
Hobbs	11,677	761	1,753	2,703
Clovis	11,055	948	991	2,474
Carlsbad	10,272	538	1,224	2,292
Artesia	3,769	171	295	806
Portales	3,426	380	267	775
Tucumcari	1,982	51	95	405
Eunice	940	43	18	190
Jal	692	4	0	132
Loving	614	30	9	124
Other	1,185	53	69	249
Total	**60,065**	**3,704**	**6,556**	**13,395**

Note that the potential study did not break multifamily into large and small bins, but rather use random sampling to weight metrics accordingly, such that multifamily measure characterization and global inputs are representative of Xcel Energy's New Mexico residential multifamily population.

Analysis of ACS data indicates that 36% of households in Xcel Energy's New Mexico territory live at or below 200% of federal poverty level and were classified as low income for the potential study. Guidehouse analyzed data provided by Xcel Energy to determine what portion of these households are single family vs. multifamily. While 72% of total residential customers are single family and 12% are multifamily, 74% of customers receiving assistance from Xcel Energy are single family vs. 26% multifamily, which suggests a larger proportion of multifamily customers (greater than half) are low income relative to single family customers. Table 4 provides the total customer counts in each of the residential customer segments.

Table A-3. Residential Sector Customer Counts

Residential Segment	Customer Count
Single Family	37,673
Single Family – Low Income	22,392
Multifamily	2,471
Multifamily – Low Income	7,789
Manufactured Homes	13,395
Total	**83,720**

A.3 Commercial & Industrial Customer Characterization

C&I customers are mapped to one of 11 commercial segments or two industrial segments based on a six-digit North American Industry Classification System (NAICS) code Xcel Energy provided in the customer database.

There are 25,597 C&I customers in Xcel Energy's New Mexico service territory. Guidehouse mapped each customer to a segment based on the six-digit NAICS code listed in the customer database. Table A-4 contains number of customers, total annual consumption, and average annual consumption per customer by C&I customer segment, based on these NAICS code classifications.

Table A-4. C&I Customer Count and Annual Consumption by Segment

C&I Segment	Customer Quantity	Total Annual MWh Consumption	Annual MWh Consumption per Customer
Commercial – College	87	33,872	389
Commercial - Grocery	609	89,205	146
Commercial – Health	375	61,944	165
Commercial - Lodging	451	53,492	119
Commercial - Mining/Oil & Gas Extraction	4,607	2,287,347	496
Commercial – Office	8,770	1,250,561	143
Commercial – Other	3,421	62,283	18
Commercial - Restaurant	560	291,624	521
Commercial – Retail	3,663	396,625	108
Commercial – School	227	8,520	38
Commercial - Warehouse	798	*	*
Industrial - Agriculture	1,381	236,107	171
Industrial - Manufacturing	648	*	*
Total	**25,597**	**5,892,648**	**230**

*energy sales not provided to protect identity of customers

A.4 Secondary Sources for Customer Characterization

To supplement customer and measure data, and to validate assumptions developed from customer data, Guidehouse used a variety of secondary sources. To increase transparency, Guidehouse relied publicly available sources wherever possible:

- US EIA Residential Energy Consumption Survey (RECS): This survey provides consumption, energy intensity, and residential building stock data broken out by census division, end use, fuel type, and building type for residential households. The latest data available is from 2015. While the data is not geographically granular (maximum geographic specificity for summary tables is for the "Mountain South" region, which includes New Mexico, Arizona, and Nevada), detailed cross tabs were used to supplement Xcel Energy data on EUI and fuel splits especially for multifamily and low income breakouts.

- US EIA Commercial Building Energy Consumption Survey (CBECS): This survey provides consumption, energy intensity, and stock data broken out by census division, end use, and fuel type. At time of writing, the latest full data set available was from 2012, with partial 2018 data used when possible (only a portion of the 2018 dataset had been published at the time of this study). While these data are not geographically granular, detailed cross tabs were used to supplement Xcel Energy data on size of commercial buildings, number of floors, EUI, and fuel splits.

- US EIA Manufacturing Energy Consumption Survey: This survey provides much of the same data as in CBECS, but for manufacturing buildings. The latest data available is from 2014, is cross-referenced to NAICS codes, and is not geographically specific (for most tables). The team used this data to supplement Xcel Energy's commercial customer data around end use breakouts, square footage, and fuel switching and fuel type.

- US Census American Community Survey: This includes a wide variety of demographic metrics on residential households including income, household size, building type, and owner occupancy. These tables were used to supplement Xcel Energy residential customer data and forecasts, particularly around low income and multifamily.

- US Census Annual Economic Survey: These surveys are conducted each year and provide information on economic activity including counts of businesses by sector, (NAICS summary codes), number of employees, and census geographies. The latest data available is from 2018. The team used the data to supplement Xcel Energy's customer data and forecasts.

Appendix B. Primary Research

This appendix provides a more detailed explanation of the primary research task.

B.1 Approach to Primary Data Collection

Guidehouse identified the segments shown in Table B-1 through:

1. Analysis of customer count and consumption data from the segments defined in Appendix A, "Customer Characterization"
2. Energy efficiency potential in Xcel Energy's adjacent Colorado service territory
3. Rapid growth segments
4. Other existing or ongoing Guidehouse potential studies in various jurisdictions
5. Historic program performance

Table B-1. Customer Segment/End Use Combination Focus for Primary Research

Customer Segment	End Use
Commercial – Office	Lighting
Commercial – Retail	Lighting
Residential – Single Family	Lighting
	Space Cooling
	Space Heating
Residential – Single Family Low Income	Lighting
	Space Cooling
	Space Heating
Residential – Manufactured	Lighting
Industrial – Manufacturing	Fans, Blowers, Motors, Drives, and Pumps
Commercial – Mining/Oil & Gas Extraction	Fans, Blowers, Motors, Drives and Pumps

B.2 Sampling Approach

Each characterization of an end use, equipment type, or willingness to pay value has its own distribution and its own confidence and precision level. We made conservative estimates with our sample sizes, since we designed for the equipment, we expected to have the highest variability in saturation. The sample sizes that follow are the total number of sites for which we collected data.

To minimize customer fatigue and maximize the quality of the most important data, we asked each customer about the applicable high impact end uses for their respective segment plus one to two lower priority end uses. Our assumption was that by keeping the survey as succinct as possible, we would receive a higher level of data quality for the most important end uses . Thus,

the sample sizes for lower priority end uses were less than the total number of sites, since not every site was asked about every end use. We used the same approach for willingness to pay questions.

B.2.1 Residential Population Frame

Our residential population frame, shown in Table B-2, is segmented into residential homes, multifamily, and manufactured homes. The residential and multifamily strata are further stratified into low income and non-low income since it is likely that the income level of a customer may influence both their willingness to pay and the equipment installed in their home.

Table B-2. Residential Population Frame

Residential Segment	Customer Count
Single Family	36,610
Single Family – Low Income	21,760
Multifamily	2,401
Multifamily – Low Income	7,569
Manufactured	13,017
Total	**81,357**

Source: Guidehouse analysis of Xcel Energy customer database

B.2.2 Residential Sample

Table B-3 shows our residential sample size by segment. We developed our residential sample size assuming a coefficient of variance (CV) of 0.75 and reported all relative precisions at a two-tailed 90% confidence interval.

Table B-3. Residential Sample Size

Residential Segment	Customer Count	Coefficient of Variance (σ/μ)	Sample Size	Relative Precision
Single Family	36,610	0.75	300	7%
Single Family – Low Income	21,760	0.75	120	11%
Multifamily	2,401	0.75	80	14%
Multifamily – Low Income	7,569	0.75	80	14%
Manufactured	13,017	0.75	120	11%
Total	81,357		700	5%

Source: Guidehouse analysis of Xcel Energy customer database

For high priority segment and end use combinations, we achieved the confidence and precision outlined above. However, not every customer was asked about every end use and not every customer reported on every measure type. For some saturations, densities, and willingness to pay responses we had half or less of the sample size shown above. Because of the expectation that not all customers will respond to questions for all end uses, we designed our sample to achieve 90/10 confidence and precision for end uses with fewer responses, while exceeding that target for high priority end uses.

B.2.3 Commercial & Industrial Population Frame

Our C&I population frame, shown in Table B-4 and Table B-5, is segmented by building type/industry. The sampling unit for the C&I segment is an individual premise (i.e., defined as having a unique premise ID in Xcel Energy's customer database).

Table B-4. Commercial Population Frame

Commercial Segment	Premise Quantity	Total Annual MWh Consumption	Annual MWh Consumption per Customer
College	38	17,915	471
Grocery	179	33,097	185
Health	315	48,545	154
Lodging	177	37,957	214
Mining/Oil & Gas Extraction	1,387	972,101	701
Office	6,026	740,189	123
Other	518	6,450	12
Restaurant	405	48,728	120
Retail	2,710	243,456	90
School	159	8,260	52
Warehouse	528	*	*
Total	**12,471**	*	*

**energy sales not provided to protect identity of customers*

Source: Guidehouse analysis of Xcel Energy customer database

Table B-5. Industrial Population Frame

Industrial Segment	Premise Quantity	Total Annual MWh Consumption	Annual MWh Consumption per Customer
Agriculture	695	72,273	104
Manufacturing	339	*	*
Total	**1,034**	*	*

**energy sales not provided to protect identity of customers*

Source: Guidehouse analysis of Xcel Energy customer database

B.2.4 Commercial & Industrial Sample

In the C&I sector there is a wide range of consumption by facility. Since the types of equipment installed correlates with building consumption, Guidehouse chose to further stratify the sample into large, medium, and small substrata for some building types. The strata breakpoints for large, medium, and small were decided for each stratum based on the range of energy consumption within that strata, natural breakpoints in consumption, and the overall share of energy consumption of the segment compared to the service territory as a whole.

Table B-6 shows the target sample size by segment for the commercial sector without substrata and Table B-9 shows our commercial sample size including substrata. Guidehouse assumes a CV of 0.75 for all strata and our relative precision is reported at a 90% confidence interval.

Table B-6. Commercial Sample Size

Commercial Segment	Premise Count	Total Annual MWh Consumption	Coefficient of Variation (σ/μ)	Sample Size	Relative Precision
College	38	17,915	0.75	9	38%
Grocery	179	33,097	0.75	20	24%
Health	315	48,545	0.75	23	25%
Lodging	177	37,957	0.75	20	33%
Mining/Oil & Gas Extraction	1,387	972,101	0.75	45	14%
Office	6,026	740,189	0.75	57	14%
Other	518	6,450	0.75	20	30%
Restaurant	405	48,728	0.75	25	22%
Retail	2,710	243,456	0.75	45	20%
School	159	8,260	0.75	25	33%
Warehouse	528	*	0.75	25	28%
Total	**12,471**	*****		**317**	**8%**

**energy sales not provided to protect identity of customers*

Source: Guidehouse analysis of Xcel Energy customer database

There are relatively few commercial customers that consume a large portion of the commercial sector's energy in Xcel Energy's New Mexico territory, as Table B-7 shows. In the Mining/Oil & Gas Extraction segment, there are six customers that use one-quarter of Xcel Energy's delivered energy to the commercial sector. In the office segment, 10 customers consume 18% of Xcel Energy's delivered energy. Given the energy consumption of these customers, it was critical for Guidehouse to sample most of these customers and characterize their baseline equipment and willingness to pay.

Table B-7. Commercial Sample Size with Substrata

Commercial Segment	Substrata	Premise Count	Total Annual MWh Consumption	Coefficient of Variation (σ/μ)	Sample Size	Percent of Total Energy Consumption	Relative Precision
College	Large	4	16,032	0.75	4	1%	0%
College	Small	34	1,883	0.75	5	0%	67%
Grocery	Large	11	20,331	0.75	5	1%	55%
Grocery	Small	169	12,766	0.75	15	1%	33%
Health	Large	4	25,769	0.75	3	1%	73%
Health	Small	312	22,776	0.75	20	1%	28%
Lodging	All	177	37,957	0.75	20	2%	27%
Mining/Oil & Gas Extraction	Large	6	537,286	0.75	5	25%	32%
Mining/Oil & Gas Extraction	Medium	73	350,171	0.75	20	16%	25%
Mining/Oil & Gas Extraction	Small	1,310	84,644	0.75	20	4%	29%
Office	Large	10	400,881	0.75	7	18%	32%
Office	Medium	45	138,298	0.75	20	6%	22%
Office	Small	5,982	201,011	0.75	33	9%	22%
Other	All	519	6,450	0.75	20	0%	28%
Restaurant	All	405	48,728	0.75	25	2%	25%
Retail	Large	29	104,533	0.75	10	5%	36%
Retail	Small	2,691	138,923	0.75	35	6%	21%
School	All	161	8,260	0.75	25	0%	24%
Warehouse	All	529	*	0.75	25	*	25%
Total		**12,471**	*		**317**	**100%**	**9%**

** energy sales not provided to protect identity of customers*

Table B-8 and Table B-9 show the industrial sector segment and substrata level sample sizes, respectively. Much like in the commercial sector, there are relatively few customers that consume much of Xcel Energy's delivered energy. Five of the customers consume 88% of the sector's energy.

Table B-8. Industrial Sample Size

Industrial Segment	Premise Count	Total Annual MWh Consumption	Coefficient of Variation (σ/μ)	Sample Size	Relative Precision
Agriculture	695	72,273	0.75	16	18%
Manufacturing	339	*	0.75	19	2%
Total	**1,034**	*****		**35**	**3%**

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Table B-9. Industrial Sample Size with Substrata

Industrial Segment	Sub-strata	Premise Count	Total Annual MWh Consump tion	Coefficient of Variation (σ/μ)	Sample Size	Percent of Total Energy Consum-ption	Relative Precision
Agriculture	Large	4	*	0.75	1	*	0%
Agriculture	Small	694	38,711	0.75	15	7%	34%
Manufacturing	Large	4	*	0.75	4	*	0%
Manufacturing	Small	335	30,686	0.75	15	5%	33%
Total		**1,034**	**573,777**		**35**	**100%**	**3%**

**energy sales not provided to protect identity of customers*

B.3 Residential Data Collection

Guidehouse's approach for residential data collection uses an innovative virtual audit platform to cost-effectively collect data from a large sample of residential customers across segments. The primary objectives of the residential online survey included determining Xcel Energy's residential customer characteristics (e.g., home type, size, age, occupancy, and energy usage patterns), energy types used, and equipment characteristics. Guidehouse's approach in the survey was to focus on questions that residents can realistically answer, rather than asking more technical questions about efficiency levels.

B.3.1 Methodology

For the residential market research, Guidehouse employed virtual audits through an online survey platform, Qualtrics, to estimate the saturations and densities of various end uses by customer strata, as well as customer willingness to pay for efficient equipment. These mobile-friendly web-based surveys offered customers tiered incentives for varying levels of survey participation:

- **Tier 1 – Saturation Survey:** Customers responded to a web survey focused on home characteristics, willingness to pay, demographics, and the saturation of energy-using equipment. Customers who completed this survey were eligible for a $15 incentive.[4]

- **Tier 2 – Virtual Audit:** Customers with high impact measures or end uses were offered the opportunity to continue the survey (at a later time if necessary) and provide additional details, including photos of equipment nameplates, to further characterize these high impact measures. Customers who completed this survey were eligible for a $35 incentive (i.e., Tier 1 incentive plus $20).[5]

B.3.2 Residential Customer Communication

Guidehouse launched the residential survey on October 28, 2021 and distributed it in multiple waves, as Table B-10 outlines. In total, the team contacted 6,580 customers to complete the survey.

Table B-10. Residential Survey Distribution Summary

Wave	Contacts (valid emails)	Invite	Reminder 1	Reminder 2	Reminder 3	Reminder 4
Wave 1 (soft launch)	949	10/28/2020	11/5/2020	11/14/2020	12/10/2020	1/5/2021
Wave 2	5,631	11/5/2020	11/14/2020	11/24/2020	12/10/2020	1/5/2021

[4] The incentive was increased during the survey distribution to increase the survey response rate and encourage customers to complete the survey.

[5] The incentive was increased during the survey distribution to increase the survey response rate and encourage customers to complete the survey.

Wave	Contacts (valid emails)	Invite	Reminder 1	Reminder 2	Reminder 3	Reminder 4
Total	**6,580**	**-**	**-**	**-**	**-**	**-**

After the initial distributions, Guidehouse recognized the response rate of the survey was low,[6] which was likely due to two factors: screened out contacts and the COVID-19 pandemic. In total, 51 respondents were screened out of the survey because they either owned the property but do not live there, no longer reside at the residence, have never lived at the address, or indicated the address was a commercial location. Furthermore, although the direct impact is unknown, COVID-19 could have had an impact on customers' ability to complete the survey.

To increase the response rate and confirm a sufficient number of responses were collected, Guidehouse completed the following activities:

- **Enhanced email communications**: Guidehouse met with Xcel Energy's communication team to discuss the survey invitation and reminder emails. To appeal to customers, the following enhancements were made to email communications:
    - **Simplified the subject line and mentioned the incentive first.** Guidehouse updated the subject line to read, "Earn an Amazon gift card for completing a short survey about Xcel Energy."
    - **Condensed the email body.** The initial email contained a lot of information. Xcel Energy and Guidehouse worked to reduce the information in the email and add the link to the survey earlier in the email. The intent was for customers to easily see and click on the survey link.
    - **Sent additional reminder emails.** Originally, Guidehouse intended to send an invitation email followed by two reminder emails. To encourage people to respond, Guidehouse sent four reminder emails to customers.
- **Increased the incentive**: Guidehouse increased the Tier 1 saturation survey incentive from $15 to $25. Originally, an additional $20 incentive was offered to customers who provided pictures of equipment, then the Tier 2 photo incentive was increased from $20 to $25. The maximum incentive available for completing the survey increased from $35 to $50 to encourage customers to compete the survey.

The survey closed in January 2021 and achieved a total of 337 completes and 315 partial completes. Out of 6,580 customers, 652 (partial and total completes) completed the survey with an overall response rate of 9.9%, as Table B-11 shows. The percentage of target achieved including total and partial completes was 93%. Table B-11 shows the completes by residential segment type.

[6] In early December, the overall survey response rate was 1.7%.

Table B-11. Residential Response Rate Summary

Target	Screen Outs	Partial Completes	Partial Completes (Density)	Total Completes	Total Completes (including all partial completes)	Response Rate	Percent of Target Achieved
700	51	145	170	337	652	9.9%	93%

A definition of each of the columns in Table B-11 is provided below:

Target – Target Sample for each sector

Screen Outs – Customers were asked screening questions in the beginning of their survey to determine their eligibility of taking the survey. For example: if a customer indicates that their address on file is incorrect then they will be screened out of the survey.

Partial Completes – Respondents that only completed a portion of the survey.

Partial Completes (Density) - Respondents that only completed a portion of the survey including density questions.

Total Completes – Respondents that completed the entire survey

Total Completes (including all partial completes) – Respondents that partially or fully completed the survey.

Response Rate – Percentage of customers that partially or fully completed the survey to the total number of customers that were contacted to take the survey.

Percent of Target Achieved – Percentage of total completes to the original sample target.

Table B-12. Stratification of Completed Residential Customer Surveys

Residential Segment	Sample Size (Premises)	Completes [7]
Single Family[8]	36,610	473
Single Family – Low Income	21,760	84
Multifamily	2,401	30
Multifamily – Low Income[9]	7,569	24
Manufactured	13,017	41
Total	**81,357**	**652**

B.4 Commercial & Industrial Customer Characterization

Guidehouse's approach for C&I primary data collection mirrors the approach for residential data collection, using a virtual audit platform to collect data from a large sample representing the variety of segments contained within the C&I sectors.

B.4.1 Methodology

The primary objectives of the online survey included determining firmographics of the businesses in Xcel Energy's service territory (e.g., facility type, size, age, occupancy, usage patterns), equipment saturations, energy types used, and equipment characteristics. As with the residential survey, Guidehouse designed questions to elicit information that respondents can

[7] These values include partially completed survey and fully completed surveys.

[8] These completes included responses that were not flagged as low income or unknown.

[9] These completes include responses that were flagged being low income or unknown (likely low income).

confidently provide regarding equipment types, energy sources used, and equipment age, as well as information regarding their firm and facilities.

To make sure the study collected a sufficient sample of contacts in all of the targeted segments, Guidehouse enlisted the help of market research firm Bellomy Research to conduct recruitment by phone. This approach helped reach the appropriate decision makers at C&I organizations, collected email addresses, and secured commitments to complete the survey. Customers who completed this survey were eligible for a $70 incentive or donation to a charity of Xcel Energy's choosing, as their corporate rules permit.[10]

B.4.2 C&I Customer Communication

Guidehouse launched the C&I survey on October 9, 2020 and distributed multiple waves of invitation and reminder emails coupled will phone calls from Bellomy Research, as Table B-13 and Table B-14 show. In total, 5,086 customers were contacted and 83 of these customers were identified as high priority participants that Bellomy Research also contacted.

Like the residential survey, the response rate was low, and it was difficult to collect C&I responses due to the COVID-19 pandemic. At the time, some businesses were closed, inhibiting program participants from providing measure-specific information.

To increase the response rate and confirm the collection of sufficient, reliable data, Guidehouse employed the following tactics:

- **Enhanced email communications:** To appeal to customers, Guidehouse sent additional reminder emails to customers to encourage them to complete the survey.
- **Increased the incentive:** Guidehouse increased the increased the survey incentive from $70 to $100.

Table B-13. C&I Survey Distribution Summary (Online Only)

Wave	Contacts (valid emails)	Invite	Reminder 1	Reminder 2	Reminder 3	Reminder 3
Wave 1	533	10/9/2020	10/15/2020	12/3/2020	12/15/2020	1/5/2021
Wave 2	1,314	11/2/2020	11/5/2020	12/3/2020	12/10/2020	1/5/2021
Wave 3	3,239	12/17/2020	1/5/2021	-	-	-
Total	**5,086**	**-**	**-**	**-**	**-**	**-**

[10] The incentive was increased during the survey distribution to increase the survey response rate and encourage customers to complete the survey.

Table B-14. C&I Disposition Summary by Bellomy Research

Wave	Contacts	Commun-ication 1	Communi-cation 2	Communi-cation 3	Communi-cation 4	Communi-cation 5
Wave 1	10	11/16/2020	11/30/2020	12/7/2020	12/10/2020	1/5/2021
Wave 2	41	11/19/2020	11/30/2020	12/7/2020	12/10/2020	1/5/2021
Wave 3	9	11/24/2020	12/3/2020	12/10/2020	1/5/2021	-
Wave 4	4	11/30/2020	12/7/2020	1/5/2021	-	-
Wave 5	19	12/7/2020	1/5/2021	-	-	-
Total	**83**	**-**	**-**	**-**	**-**	**-**

Overall, 5,086 customers were contacted and the survey received a total of 85 complete responses and 129 partial completes, which resulted in an overall response rate of 4.2%, as Table B-15 shows. Guidehouse collected a total of 214 responses[11] with usable data, out of a target number of completes of 350. Although 61% (inclusive of partial and total completes) of the target was achieved, Guidehouse supplemented some gaps in the primary data through the use of secondary resources as detailed in Section 3, "Energy Efficiency Measure Characterization." Table B-16 shows the stratification of the commercial customer surveys by segment.

Table B-15. C&I Response Rate Summary

Target	Screen Outs	Partial Completes	Partial Completes (Density)	Total Completes	Total Completes (including all partial completes)	Response Rate	Percent of Target Achieved
350	79	111	18	85	214	4.2%	61%

A definition of each of the columns in Table B-15 is provided below:

Target – Target Sample for each sector

Screen Outs – Customers were asked screening questions in the beginning of their survey to determine their eligibility of taking the survey. For example: if a customer indicates that their address on file is incorrect then they will be screened out of the survey.

Partial Completes – Respondents that only completed a portion of the survey.

Partial Completes (Density) - Respondents that only completed a portion of the survey including density questions.

Total Completes – Respondents that completed the entire survey

Total Completes (including all partial completes) – Respondents that partially or fully completed the survey.

Response Rate – Percentage of customers that partially or fully completed the survey to the total number of customers that were contacted to take the survey.

Percent of Target Achieved – Percentage of total completes to the original sample target.

[11] Responses are broken out by C&I segment in Table B-15.

Table B-16. Stratification of Completed C&I Customer Surveys

C&I Segment	Completes [12]
Agriculture	9
College	1
Grocery	4
Health	7
Lodging	14
Manufacturing	12
Mining/Oil & Gas Extraction	14
Office	89
Other	4
Restaurant	11
Retail	36
School	5
Warehouse	8
Total	**214**

[12] These values include partially completed surveys and fully completed surveys.

Appendix C. Energy Efficiency Measure Characterization

This appendix provides a more detailed explanation of the energy efficiency measure characterization task.

C.1 Measure List

Table C-1. Residential End Uses and Measures

End Use	Efficient Measure	Baseline Measure
Space Heating & Cooling	Res - Programmable Thermostat	Manual thermostat, programmable thermostat operated as a manual thermostat, or no thermostat
	Res - Smart Thermostat	
	Res - Ceiling Insulation	R value between 0-4 (Insulation level higher than baseline level)
	Res - Wall Insulation	Retrofit - Existing insulation / NEW - IECC 2009
	Res - Infiltration Reduction	Upper limit of 4.00 CFM50 per square foot of house floor area
	Res - Duct Sealing	Ducts with a leakage factor assumed to be 35% or less
	Res - Ductless Mini-Split Heat Pumps	NEW/ROB: Federal Minimum / ER: Existing conditions
	Res - Central AC/Heat Pump Quality Installation Verification (QIV)	No CAC/HP QIV
	Res - Attic Insulation	R-15 attic insulation
	Res - Low-emissivity coating for standard windows	Standard window
	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings	Standard furnace motor : PSC Motor
	Res - High Efficiency VRF Heat Pump equipment	Baseline Eff (AC)/HP unit
	Res - Central Air Conditioner Tune-up	No central air conditioning tune-up
	Res - High Efficiency AC/HP Equipment <17 SEER	Baseline Eff (AC)/HP unit
	Res - Interior operable storm windows	Baseline windows
	Res - High Efficiency AC/HP Equipment <17 SEER	Federal minimum AC
Lighting	LED lamps (general service lamps including A lamps, specialty lamps)	Mixed market incandescent/CFL/halogen bulb
	Networked/connected indoor LED lamps	
	LED indoor fixture (pin-based lamps)	Incandescent/CFL bulb (market baseline wattage)
	Linear LEDs	T12/T8 fluorescents
	LED outdoor fixtures	CFL/halogen bulbs (market baseline wattage)

End Use	Efficient Measure	Baseline Measure
	Occupancy sensors (for MF common areas)	No occupancy sensors
Space Cooling	Res - Central heat pumps for space heating (replace of AC)	Baseline Eff (AC)/HP unit
	Res - High Efficiency Air Conditioner	NEW/ROB: Federal minimum / ER: Existing conditions
	Res - Evaporative Cooling	Federal minimum: 13 SEER split system air conditioner
	Res - Whole House Fans	Baseline Eff AC unit
	Res - Smart ceiling fans	No ceiling fan
	Res - Indirect -Direct Evaporative Cooler	Federal minimum AC
Hot Water	Low-flow showerheads	Federal minimum standard flow rate 2.5 GPM
	Low-flow faucet aerators	Federal standard 2.2 GPM or greater
	Efficient storage and tankless water heaters	Federal standard minimum efficiencies for electric storage and instantaneous water heaters
	Heat pump water heaters	
	Solar water heaters	
Electronics	Advanced power strips	Standard power strip or no power strip
	Smart/Wi-Fi plugs	
Appliances	ENERGY STAR clothes washers	Non-ENERGY STAR clothes washers
	Heat pump clothes dryers	Non-ENERGY STAR clothes dryers
Refrigeration	ENERGY STAR refrigerators	Non-ENERGY STAR refrigerators
Whole House	Home energy reports	No home energy reports

Table C-2. Commercial & Industrial End Uses and Measures

End Use	Efficient Measure	Baseline Measure
Space Heating & Cooling	High efficiency packaged heat pump system	IECC 2009 efficiency
	Packaged terminal heat pumps	Minimum federal efficiency standards for PTHP
	Ductless mini-split heat pumps	Mini-split heat pump with 13-14 SEER
	Water source heat pumps	HP with 12 SEER
	Guest room energy management	Manual heating/cooling temperature setpoint and fan on/off/auto thermostat
	HVAC variable frequency drives	HVAC fan or pump not controlled by variable frequency drive (VFD)
	RTU with demand control	RTU with standard economizer
Space Cooling	Direct evaporative pre-cooling	Air cooled condensers on DX units without evaporative pre-cooler
	DX RTU of varying sizes	DX RTU unit 10-13 EER

End Use	Efficient Measure	Baseline Measure
	Chillers (air cooled, centrifugal, scroll/screw)	Chiller with code-minimum efficiency
	Packaged terminal air conditioners	Minimum federal efficiency standards for PTAC
	Room Air Conditioners	Minimum federal efficiency standards for RAC
	High efficiency packaged air conditioning	IECC 2009 efficiency
	Custom cooling	Less efficient product/systems
	Custom motors	Less efficient product/systems
Hot Water	Low-flow faucet aerators	2.2 gpm faucet aerator
Lighting	Interior LED linear fixture/retrofit kit (includes troffers)	Linear fluorescents T12, T8, T5
	Interior linear lamp (including high, medium, low bay lamps)	
	Interior LED fixture – high/medium/low bay	
	Interior LED lamp – PAR/BR/MR/A	Mixed market CFL/incandescent/halogen bulb
	Interior network connected LED fixtures	Federal standards or local building energy code
	Interior network connected LED lamps	Manual controls
	Interior LED fixture – other (includes all other LED fixtures in commercial applications)	CFL and halogen technology mix
	LED refrigerated case lighting	Linear fluorescents T12, T8, T5 case lighting
	LED lighting for industrial applications	Mixed market industrial lights
	Exterior LED fixture	Metal halide/linear fluorescents/HPS systems
	Exterior LED lamp	Mix of halogen, CFL, linear fluorescent, mercury vapor, and metal halide
	Interior lighting controls: occupancy/daylights sensors	No controls or manual controls
	Exterior lighting controls	Manual control
	Custom lighting	Less efficient product/systems
	New construction – lighting power density	Code maximum LPD
Appliances	Vending machine controls	No controls
Refrigeration	Zero-energy doors	Cooler or freezer glass door that is continuously heated to prevent condensation
	ECM motors for reach-in and walk-in coolers and freezers	Evaporator fan driven by shaded pole motor
	Anti-sweat heater controls	No controls

End Use	Efficient Measure	Baseline Measure
Cooking	ENERGY STAR commercial dishwasher	Conventional unit as defined by ENERGY STAR
	ENERGY STAR hot food holding cabinet	
	Demand-controlled ventilation – commercial kitchens	Commercial kitchen ventilation hoods without demand-controlled ventilation
	Pre-rinse spray valves	Federal standards or average existing conditions
Compressed Air	No air loss drains	New electronic solenoid/timed drains
	Air compressor optimization	No optimization of compressed air
Fans, Blowers, Motors, Drives, & Pumps	Air compressor VFDs	No VFD
	VFDs on industrial fans and pumps	
	Select More efficient Pumps	Low efficient pumps
	Progressive Cavity Pumps	Sucker road pumps
	O&G O&M	No operation and maintenance
Process Cooling	Dew point controls	No purge control for heatless desiccant dryers
	Mist eliminators	New general-purpose filter

C.2 Key Parameters

Table C-3. Key Measure Characterization Parameters

Parameter Name	Definition	Example
Baseline Measure	Existing inefficient equipment or process to be replaced.	T5/T8 Fluorescent Lighting
Energy Efficiency Measure	Efficient equipment, process, or project to replace the baseline.	Indoor LED Linear Lamp
Measure Lifetime	The lifetime in years for the base and energy efficient technologies. The base and energy efficient lifetimes only differ in instances where the two cases represent inherently different technologies, such as solar water heaters compared to a baseline of regular storage water heaters.	T5/T8 Fluorescent Lighting: 10 years Indoor LED Linear Lamp: 12 years
Measure Costs	The incremental cost between the assumed baseline and efficient technology using the following variables: • Base Costs: The cost of the base equipment, including both material and labor costs. • Energy Efficient Costs: The cost of the energy efficient equipment, including both material and labor costs. Retrofit measure costs will include the full material cost of the efficiency measure and associated labor rates for removal of existing equipment and installation of the efficient technology. Dual baseline measures consider both the initial retrofit measure cost and savings, and that of the portion of measure life once a new code or standard is projected to become effective.	Baseline cost: $690 Efficient cost: $500
Replacement Type	Identifies when in the technology or building's life an efficiency measure is introduced. Replacement type affects when in the potential study period the savings are achieved as well as the duration of savings and is discussed in greater detail in Appendix D, "Technical Potential."	Retrofit (RET), replace-on-burnout (ROB) and new construction (NEW)
Annual Energy Consumption	The annual energy consumption for electricity in kWh and demand in kW for each baseline and energy efficiency measure.	Baseline: 196 kWh/year Efficient: 163 kWh/year
Unit Basis	The normalizing unit for energy, demand, cost, and density estimates.	Per bulb, per hp, per kWh consumption
Scaling Basis	The unit used to scale the energy, demand, cost, and density estimate for each measure according to the reference forecast.	Per home, per 1,000 SF of commercial area, per segment/end use consumption etc.
Sector and End use Mapping	The team mapped each measure to the appropriate end uses, customer segments and sectors. Section 2, "Primary Research," describes the breakdown of customer segments with each sector.	Commercial HVAC Tune-up is mapped to the Non-Res HVAC end use in the commercial sector.

Parameter Name	Definition	Example
Fuel Type Multiplier	Assigns the percentage of electric/gas fuel type to measures with electric fuel type such as water heaters and space heating equipment.	The Electric Space heating + Electric Cooling multiplier only assigns electric space heating measures to customers that have electric heating.
Measure Density	Used to characterize the occurrence or count of a baseline or energy efficiency measure, or stock, within a residential household or within 1,000 square feet of a commercial building. This parameter was not defined for industrial measures as they scaled by consumption.	35 bulbs per household.
Energy Efficiency Saturation	The fraction of the residential housing stock or commercial building space that has the efficiency measure installed each year. For the industrial sector, saturations are based on energy consumption.	40% of all residential bulbs are LEDs so saturation of LEDs is 40%.
Technical Suitability	The percentage of the base technology that can be reasonably and practically replaced with the specified efficient technology.	Occupancy sensors have a technical applicability of less than 1.0 because they are only practical for interior lighting fixtures that do not need to be on at all times.
Competition Group	Identifies measures competing to replace the same baseline density in order to avoid double counting of savings. Appendix D, "Technical Potential," provides further explanation on competition groups.	Solar water heater or a heat pump water heater can replace an inefficient storage water heater, but not both.

C.3 Key Parameter Approach and Sources

C.3.1 Energy and Demand Savings

Guidehouse took four general bottom-up approaches to analyzing residential and C&I measure energy and demand savings:

1. **TRM Standard Algorithms:** Guidehouse used the New Mexico TRM as the primary source of savings for this study. From the TRM, Guidehouse sourced deemed savings and standard algorithms for unit energy savings and demand savings calculations.

2. **Xcel Energy New Mexico Program Data:** Guidehouse used measure-specific program data from Xcel Energy New Mexico to inform energy and demand savings if savings for those measures were not present in the TRM.

3. **Engineering Analysis:** Guidehouse used appropriate engineering algorithms from other TRMs to calculate energy savings for any measures not included in Xcel Energy New Mexico programs or available TRMs. As an example, the team used algorithms from the

Illinois Statewide TRM version 9.0[13] while calculating savings for central air conditioner tune-up.

4. **Work Papers:** Published work papers based on Guidehouse's research and as provided by Xcel Energy New Mexico's engineering team were used for informing savings for emerging technology measures such as smart ceiling fans.

C.3.2 Incremental Costs

Guidehouse relied primarily on the New Mexico TRM and Xcel Energy New Mexico-provided program data for incremental cost data. Secondary sources of incremental cost data included other TRMs, potential studies, and web scraping of cost data . Incremental costs for custom measures were calculated based on Xcel Energy New Mexico's actual program data. Similar to the calculation of site-level savings, a $/kwh was calculated based on site-level data.

C.3.3 Density and Saturation

Guidehouse used a new approach to estimating density and saturation values for this study. Guidehouse primarily relied on four sources arranged in hierarchical order for developing these values for the residential sector:

- Primary research conducted as a part of this study (2020/2021)
- Xcel Energy (New Mexico)-Home Energy Use Study 2020
- Xcel Energy (New Mexico)-Home Energy Use Study 2018
- Guidehouse's other potential studies and US EIA RECS (if measure-specific data was not available in the above three sources)

Guidehouse developed a weighting for the density and saturation values based on the sample size and age of each study for each individual measure. Almost 90% of the residential measures relied on the data collected through the primary research efforts and the two Xcel Energy home energy use studies. The remaining 10% were informed by other potential studies or RECS.

For the commercial sector, Guidehouse relied on the following sources:

- Primary research conducted as a part of this study (2020/2021)
- Xcel Energy New Mexico's Lighting Saturation Study 2020
- Guidehouse's other potential studies and US EIA Commercial Building Energy Consumption Survey (CBECS

Approximately 60% of the commercial measures were calculated based on weighted average of the data from the primary data collection, the lighting saturation survey, and other potential

[13] Illinois Statewide Technical Reference Manual Version 9.0, https://www.ilsag.info/technical-reference-manual/il-trm-version-9/

studies. The remaining measures relied on other potential studies and CBECS for calculating density and saturation values.

C.4 Identifying and Characterizing Emerging Technologies

For emerging technologies on the measure list such as smart ceiling fans Guidehouse reviewed relevant literature and discussions with internal and external industry experts. For each technology, the team documented the following metrics:

- Vintage and locale of the supporting data (when and where it was developed)
- Transparency and updatability of supporting data
- What analysis approach was used and whether any descriptive statistics are provided
- Cost-effectiveness of the emerging technology, as evaluated using methods described above
- Likelihood of the adoption of the emerging technology

Appendix D. Energy Efficiency Technical Potential

This appendix details the energy efficiency technical potential task. The Attachment A: Measure Inputs provides the associated data.

D.1 Approach to Technical Potential and Replacement Types

Guidehouse's modeling approach considers an energy efficient measure to be any change made to a building, piece of equipment, process, or behavior that could save energy. The savings can be defined in numerous ways, depending on which method is most appropriate for a given measure. Measures like residential water heaters are best characterized as some fixed amount of savings per water heater; savings for measures like high efficiency chillers in commercial buildings are typically characterized as savings per 1,000 sq/ft of floor space; and measures like high efficiency fans, motors and drives in the mining/oil & gas extraction segment are characterized as a percentage of segment sales. The DSMSim™ model can appropriately handle savings characterizations for all three methods. The following sections include the formulae used to calculate technical potential by replacement type.

D.1.1 New Construction Measures

The cost of implementing new construction (NEW) measures is incremental to the cost of a baseline (and less efficient) measure. However, new construction technical potential is driven by equipment installations in new building stock rather than by equipment in existing building stock.[14] New building stock is added to keep up with forecast growth in total building stock and to replace existing stock that is demolished each year. Demolished (sometimes called replacement) stock is calculated as a percentage of existing stock in each year, and this study uses a demolition rate of 0.5% per year for all building stock. New building stock (the sum of growth in building stock and replacement of demolished stock) determines the incremental annual addition to technical potential, which is then added to totals from previous years to calculate the total potential in any given year. The team used the following equations to calculate technical potential for new construction measures.

Equation D-1. Annual Incremental NEW Technical Potential (AITP)

$AITP_{YEAR}$ = New $Buildings_{YEAR}$ (e.g., buildings/year[15]) X Measure Density (e.g., widgets/building) X $Savings_{YEAR}$ (e.g., kWh/widget) X Technical Suitability (dimensionless)

Equation D-2. Total NEW Technical Potential (TTP)

$$TTP = \sum_{YEAR=2020}^{YEAR=2030} AITP_{YEAR}$$

$$\mathbf{TTP} = \sum_{\boldsymbol{Year=2020}}^{\mathbf{2030}} \boldsymbol{AITP_{Year}}$$

[14] In some cases, customer-segment-level and end use-level consumption/sales are used as proxies for building stock. These consumption/sales figures are treated like building stock in that they are subject to demolition rates and stock-tracking dynamics.

[15] Units for new building stock and measure densities may vary by measure and customer segment (e.g., 1,000 square meters of building space, number of residential homes, customer-segment consumption/sales, etc.).

D.1.2 Retrofit and Replace-on-Burnout Measures

Retrofit (RET) measures, commonly referred to as advancement or early-retirement measures, are replacements of existing equipment before the equipment fails. RET measures can also be efficient processes that are not currently in place and not required for operational purposes. For RET measures, we calculated a deferred replacement credit, which accounts for the value of deferring the replacement of baseline equipment by some number of years (lifetime of equipment minus remaining useful life of existing equipment). The deferred replacement credit is subtracted from the incremental costs of RET measures. In contrast, replace-on-burnout (ROB) measures, sometimes referred to as lost-opportunity measures, are replacements of existing equipment that have failed and must be replaced, or they are existing processes that must be renewed. Because the failure of the existing measure requires a capital investment by the customer, the cost of implementing ROB measures is always incremental to the cost of a baseline (and less efficient) measure.

Retrofit and ROB measures have a different meaning for technical potential compared with new construction measures. In any given year, we use the entire building stock for the calculation of technical potential.[16] This method does not limit the calculated technical potential to any pre-assumed rate of adoption of retrofit measures and assumes that all ROB equipment is instantly eligible for replacement. Existing building stock is reduced each year by the quantity of demolished building stock in that year and does not include new building stock that is added throughout the simulation. For RET and ROB measures, annual potential is equal to total potential, offering an instantaneous view of technical potential. The team used Equation D-3 to calculate technical potential for RET and ROB measures.

Equation D-3. Annual/Total RET/ROB Technical Savings Potential

Total Technical Potential = Existing Building $\text{Stock}_{\text{YEAR}}$ (e.g., buildings[17]) X Measure Density (e.g., widgets/building) X $\text{Savings}_{\text{YEAR}}$ (e.g., kWh/widget) X Technical Suitability (dimensionless)

D.2 Competition Groups

General characteristics of competing technologies used to define competition groups in this study include the following:

- Competing efficient technologies share the same baseline technology characteristics, including baseline technology densities, costs, and consumption
- The total (baseline plus efficient) measure densities of competing efficient technologies are the same
- Installation of competing technologies is mutually exclusive (i.e., installing one precludes installation of the others for that application)
- Competing technologies share the same replacement type (RET, ROB, or NEW)

[16] In some cases, customer-segment-level and end use-level consumption/sales are used as proxies for building stock. These consumption/sales figures are treated like building stock in that they are subject to demolition rates and stock-tracking dynamics.

[17] Units for building stock and measure densities may vary by measure and customer segment (e.g., 1,000 square feet of building space, number of residential homes, customer-segment consumption/sales, etc.).

To address the overlapping nature of measures within a competition group, Guidehouse's analysis only selects one measure per competition group to include in the summation of technical potential across measures (e.g., at the end use, customer segment, sector, service territory, or total level). The measure with the largest energy savings potential in a given competition group is used for calculating total technical potential of that competition group, regardless of the customer economics or cost-effectiveness of that measure. This approach confirms the aggregated technical potential does not double-count savings. However, the model still calculates the technical potential for each individual measure outside of the summations. Although measure savings are not double counted, this approach does not consider savings interaction between measures. For example, if a high efficiency air conditioner is installed in a house with poor insulation or a leaky envelope, the potential savings for retrofitting those components after the new air conditioner is installed will be less than if they were installed first. These interactive effects are addressed when calculating achievable potential.

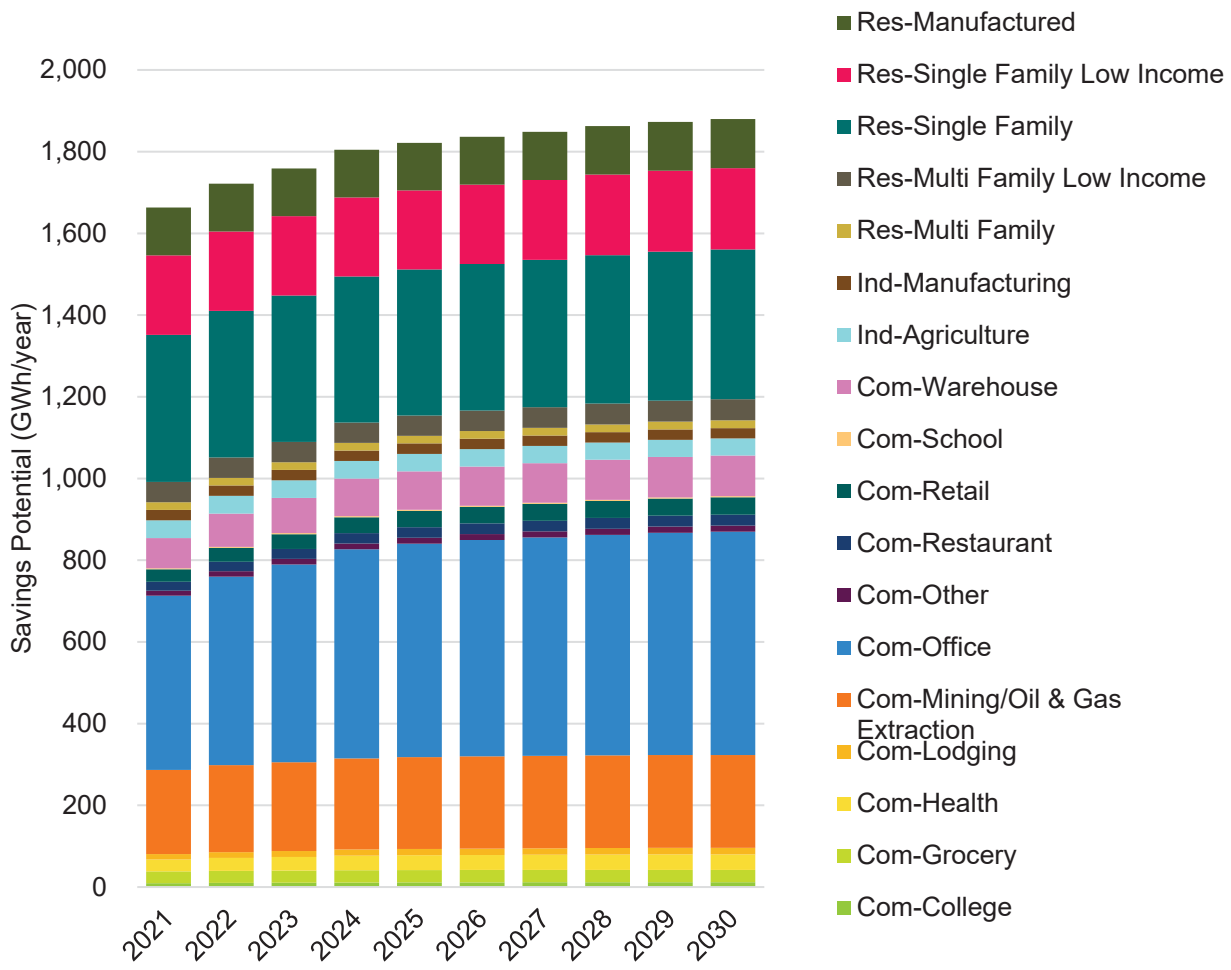
In practice, some measures have within-end use interactive effects that are not accounted for in technical potential, leading to the technical and economic potential to be higher than practicable. These interactive effects occur when the installation of one measure would reduce the savings for other measures after installation, despite the measures not competing directly. The whole is less than the sum of its parts. An example of this is with HVAC and insulation measures. When installed in a home without upgraded insulation, evaporative cooling would save more energy per year relative to a home with upgraded insulation. The same is true for the savings of an insulation measure in a home with a baseline air conditioner versus a home with evaporative cooling. Because the order of installation matters when assigning the discount factor to the applied savings, it does not make sense to evaluate these interactive effects when the stock can turnover instantly, as is the case for technical and economic potential. The sum of technical or economic potential over measures that interact will be overstated.

D.3 Technical Potential Results

D.3.1 Results by Customer Segment

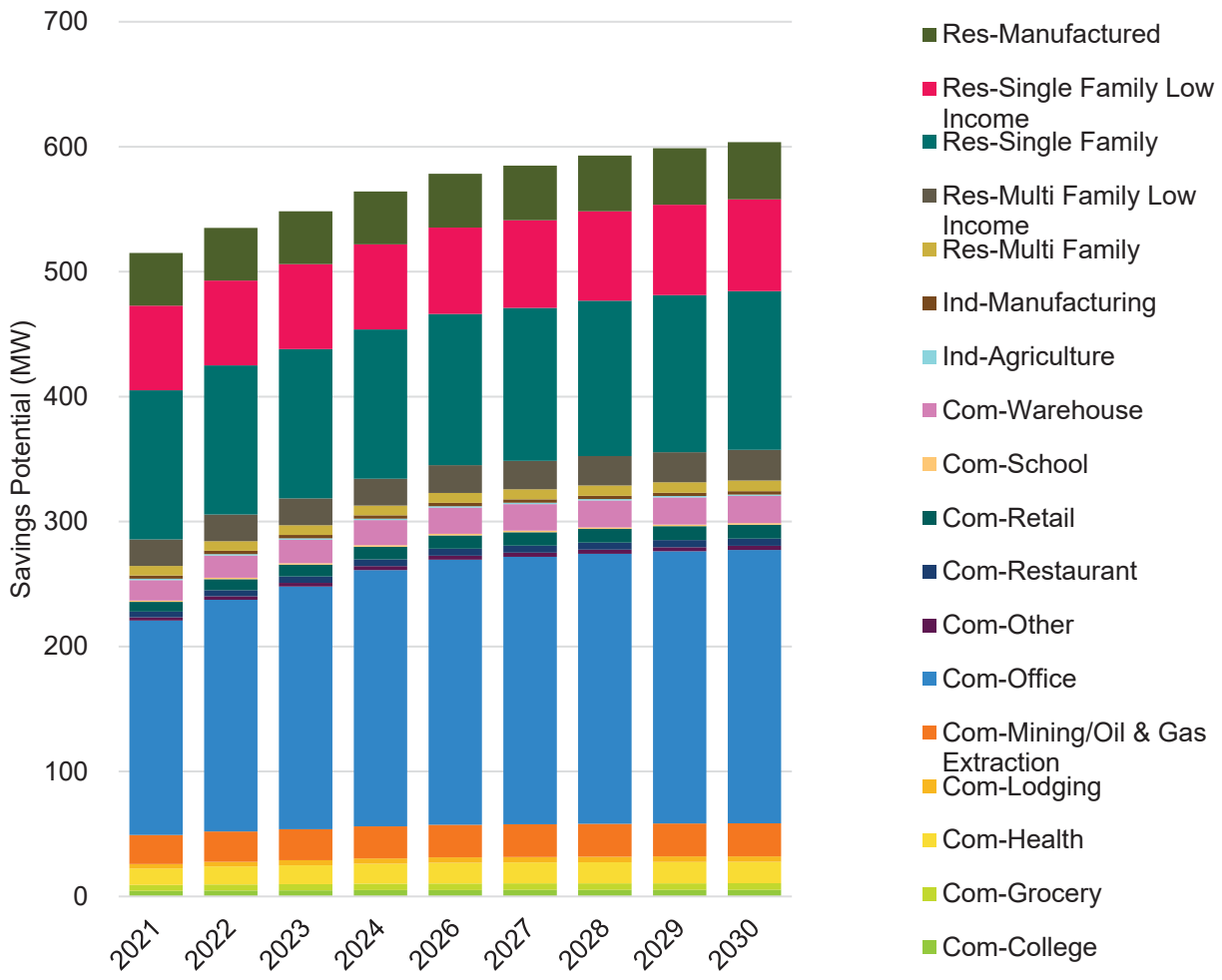
The electric energy and electric demand technical potentials shown in Figure D-1 and Figure D-2, respectively, are broken out for each of the customer segments. Attachment A: Measure Inputs provides the associated data. These figures show that technical potential is roughly split between the residential segments and commercial segments, with single family homes and offices as the largest contributors. The growth in potential for the commercial segments is the largest contributor to the increase in technical savings potential due to the projected sales growth in those segments of the time horizon of the study. The main contributors to potential in the commercial segment are HVAC measures, with high efficiency central heat pumps, HVAC variable frequency drives, roof top units with demand control, high efficiency chillers, and packaged terminal air conditioners leading the way. Compared to studies in the region over the past few years, technical potential for lighting measures such as LEDs are lower in the portfolio for both the commercial and residential sectors. This is being driven by the rapid adoption of these technologies over the past few years, as demonstrated through Guidehouse's recent primary research showing LEDs as a high percentage of existing commercial lighting technologies.

Figure D-1. Electric Energy Technical Potential by Customer Segment (GWh/year)



Source: Guidehouse Analysis 2021

Figure D-2. Electric Demand Technical Potential by Customer Segment (MW)



Source: Guidehouse Analysis 2021

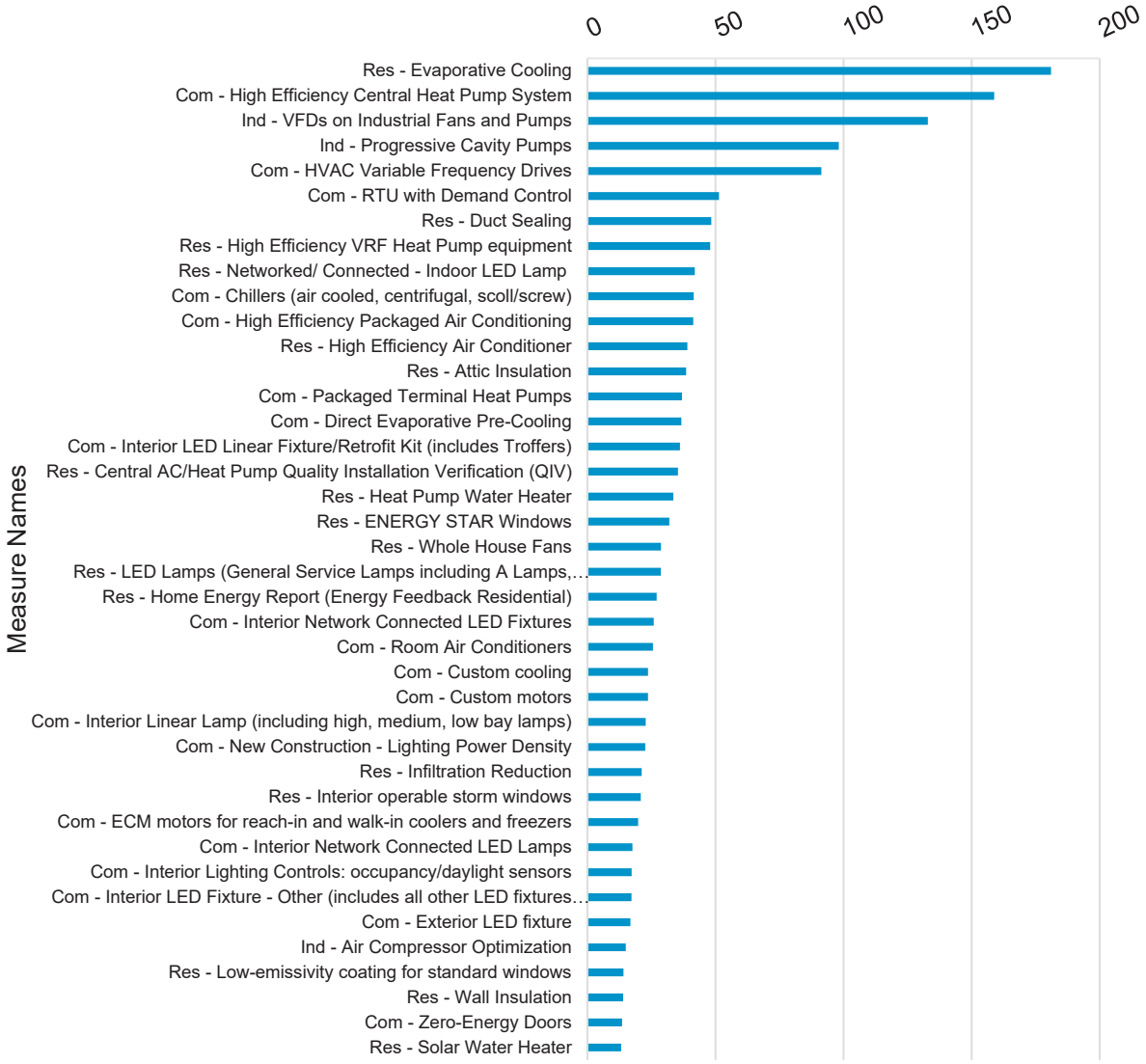
D.3.2 Results by Measure

The measure-level savings potential Figure D-3 and Figure D-4 show is after adjustments are made due to competition groups. Attachment A: Measure Inputs provides the associated data. This is consistent with the aggregate results shown above. However, for the achievable potential scenarios, measures gain market share relative to their economic characteristics rather than their savings potential alone; measures will be included in the achievable potential forecast that are not shown in the technical and economic potential.

These figures present the top 40 measures ranked by their technical savings potential in 2030. The top measures for electric energy technical potential are led by HVAC and building envelope measures in the residential and commercial sectors. This is due to low efficient saturation of these measures and that technical and economic potential does not account for within-end use interactive effects. In the industrial sector, the top measure is VFDs on fans and pumps. In the lighting end use, the top measure is networked/connected LEDs rather than lighting retrofits,

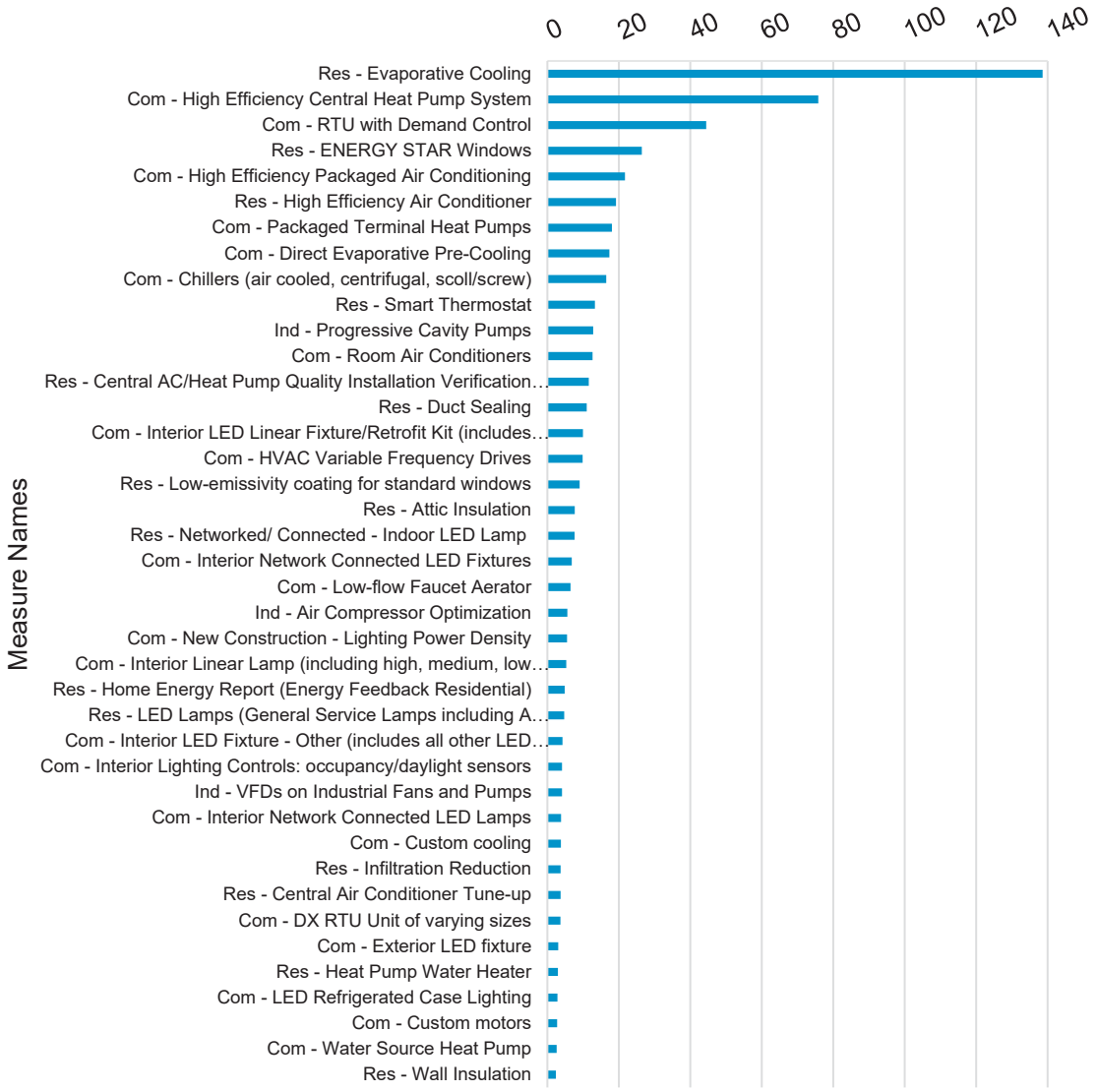
which is due to the high penetration of efficient lighting technologies already in the building stock.

Figure D-3. Top 40 Measures for Electric Energy Technical Potential in 2030 (GWh/year)



Source: Guidehouse Analysis 2021

Figure D-4. Top 40 Measures for Electric Demand Technical Potential in 2030 (MW)



Source: Guidehouse Analysis 2021

Appendix E. Energy Efficiency Economic Potential

This appendix details the economic potential task.

E.1 Economic Potential TRC and UCT

The model used Equation E-1 and Equation E-2 to calculate the TRC benefit-cost ratio.

Equation E-1. Benefit-Cost Ratio for TRC

$$TRC = \frac{PV(Avoided\ Costs + O\&M\ Savings)}{PV(Technology\ Cost + Admin\ Costs)}$$

Equation E-2. Benefit-Cost Ratio for UCT

$$\mathrm{UCT} = \frac{PV(Avoided\ Costs)}{PV(Incentives + Admin\ Costs)}$$

Where:

- *PV( )* is the present value calculation that discounts cost streams over time.
- *Avoided Costs* are the monetary benefits resulting from electric savings (e.g., avoided costs of infrastructure investments and avoided commodity costs due to electric energy conserved by efficient measures).
- *O&M Savings* are the non-energy benefits such as operation and maintenance cost savings.
- *Technology Cost* is the incremental equipment cost to the customer.
- *Admin Costs* are the administrative costs incurred by the utility or program administrator.
- *Incentives* are measure-level incentives that are provided to the customer for adopting the measures.

Guidehouse calculated TRC and UCT ratios for each measure based on the present value of benefits and costs (as defined above) over each measure's life. Although the equations for TRC and UCT include administrative costs, the study does not consider these costs during the measure-level economic screening process because an individual measure's cost-effectiveness on the margin is the primary focus. Guidehouse also excluded measure-level administrative costs from this analysis because those costs are largely driven by program design, which is outside of the scope of this assessment. The team included program and portfolio administrative costs, estimated from Xcel Energy's historic administrative costs, d in program and portfolio budgets to provide a more accurate picture of expected total portfolio spending. These administrative spending levels are held constant over time and across all scenarios.

Similar to technical potential, only one economic measure (meaning that its TRC/UCT ratio meets the threshold) from each competition group is included in the summation of economic potential across measures (e.g., at the end use category, customer segment, sector, service territory, or portfolio level). If a competition group is composed of more than one measure that

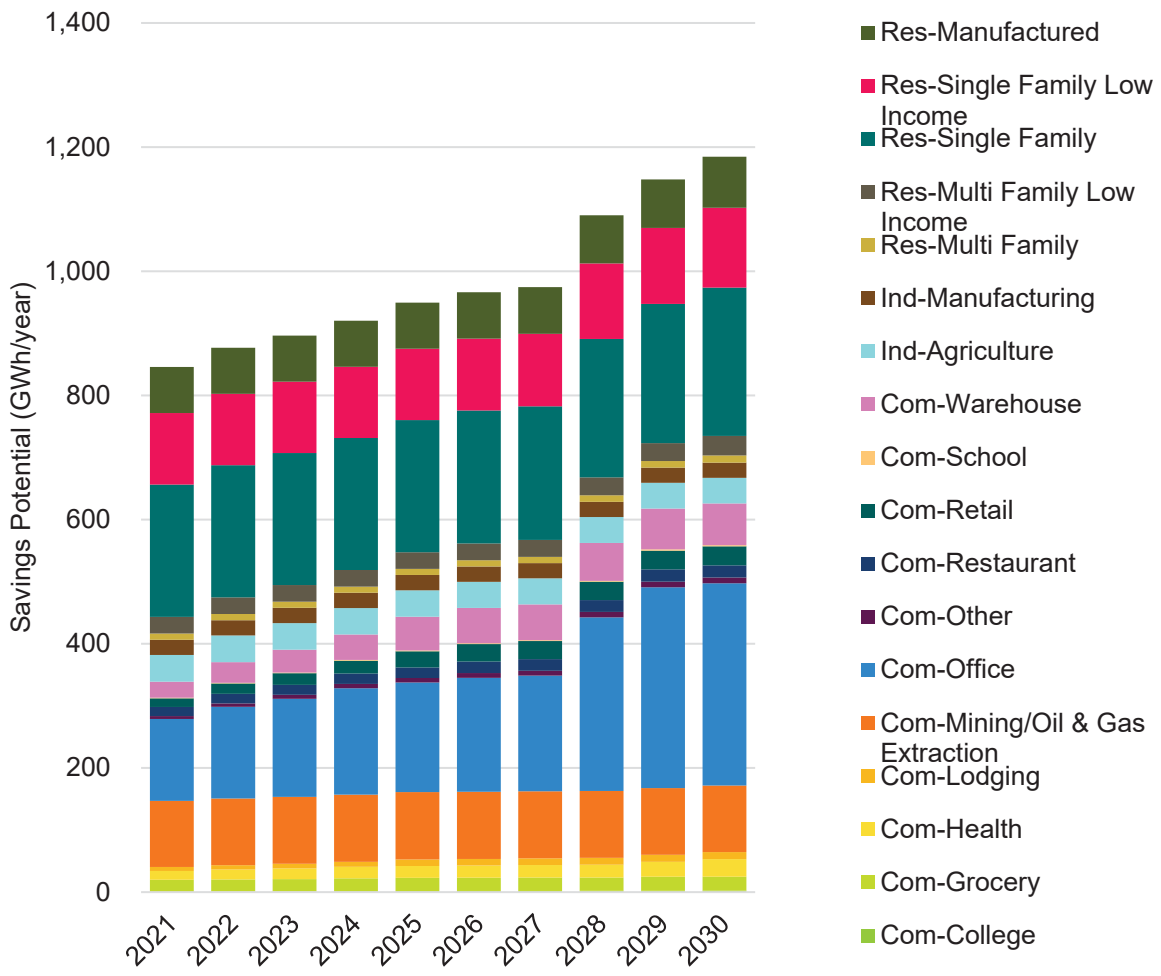
passes the TRC/UCT test, then the economic measure that provides the greatest savings potential is included in the summation of economic potential. This approach confirms double counting is not present in the reported economic potential, though economic potential for each individual measure is still calculated and reported outside of the summation.

E.2 Economic Potential Results

E.2.1 Results by Customer Segment

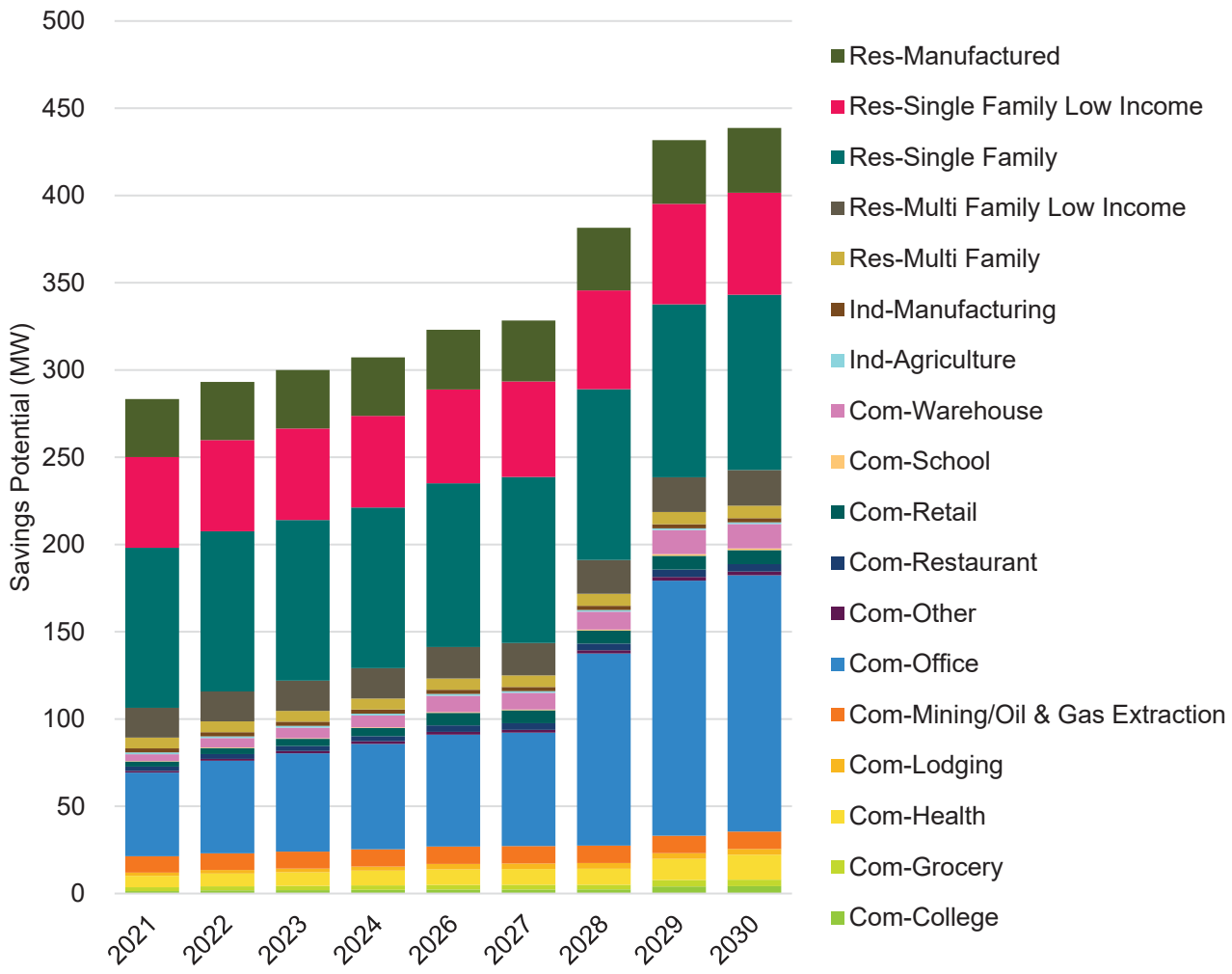
Figure E-1 and Figure E-2 depict the economic electric energy and electric demand savings potential for all customer segments. Attachment A Measure Inputs provides the corresponding measure input data. The warehouse segment sees the greatest loss from non-economic potential, while the lodging segment is the most resilient. As mentioned previously, industrial measures largely pass the economic screen. The mix of economic potential from the C&I segments does not change appreciably relative to the technical potential.

Figure E-1. Electric Energy Economic Potential by Customer Segment (GWh/year)



Source: Guidehouse Analysis 2021

Figure E-2. Electric Demand Economic Potential by Customer Segment (MW)



Source: Guidehouse Analysis 2021

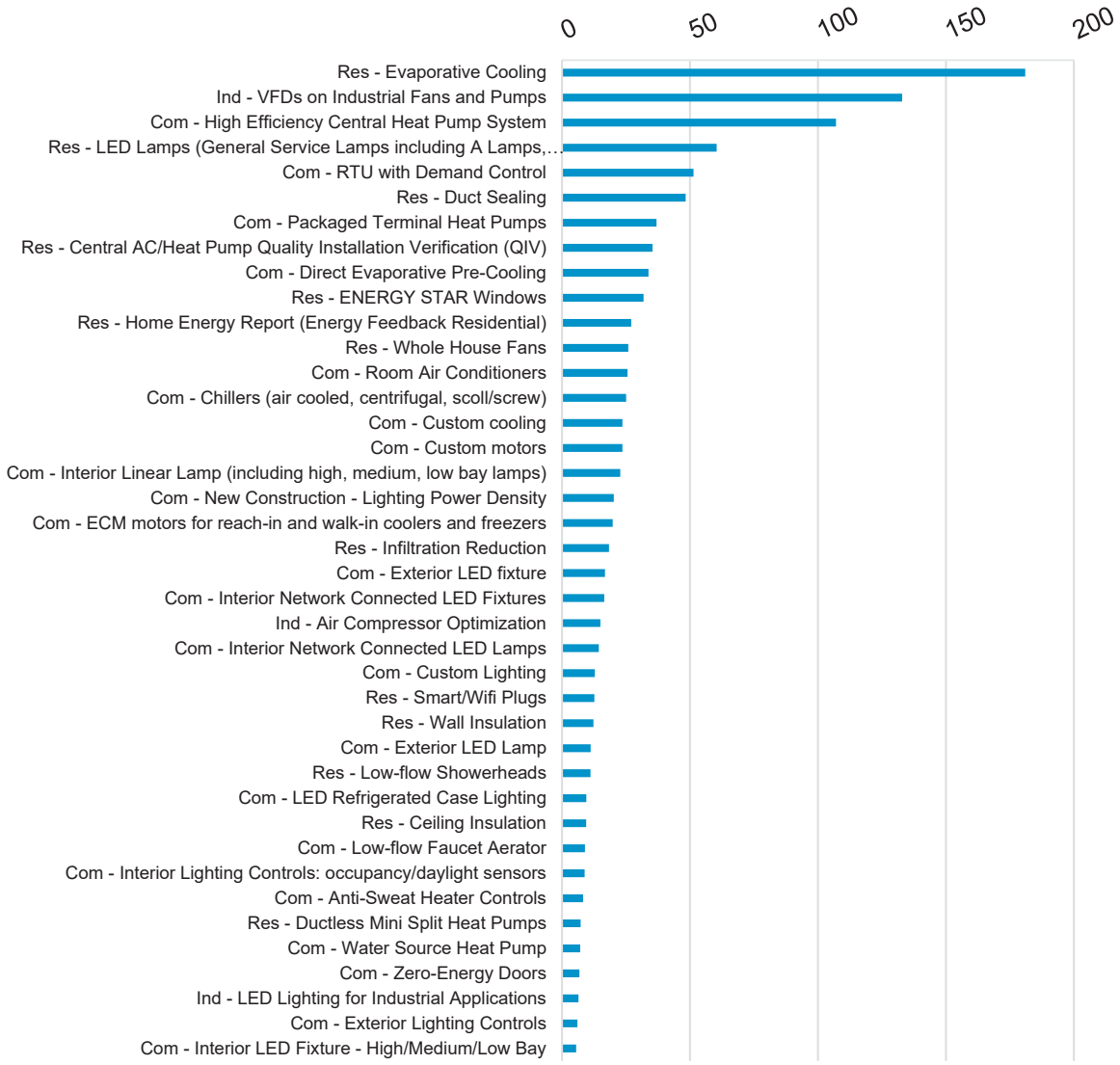
E.2.2 Results by Measure

Figure E-3 and Figure E-4 show the measure-level economic electric energy and electric demand savings potential prior to adjustments Guidehouse made to competition groups as detailed in the previous section. These figures highlight the economic potential from the top 40 highest-impact measures. Compared with electric energy technical potential, the fourth measure (Ind – Progressive Cavity Pumps) and the fifth measure (Com – HVAC Variable Frequency Drives) screen out as non-cost-effective. Other measures in the list move up or down depending on whether they pass economic screening in all customer segments, or if measures they were competing with are not cost-effective (e.g., residential LED lamps replace residential network/connected LEDs).

As the number one highest saving measure in both technical and economic potential, residential evaporative cooling is worth further consideration. The high savings relative to compressor-based air conditioning, low efficient saturation, and lower upfront costs increase the potential and ensure that it screens the economic test. However, part of the reason for the low efficient

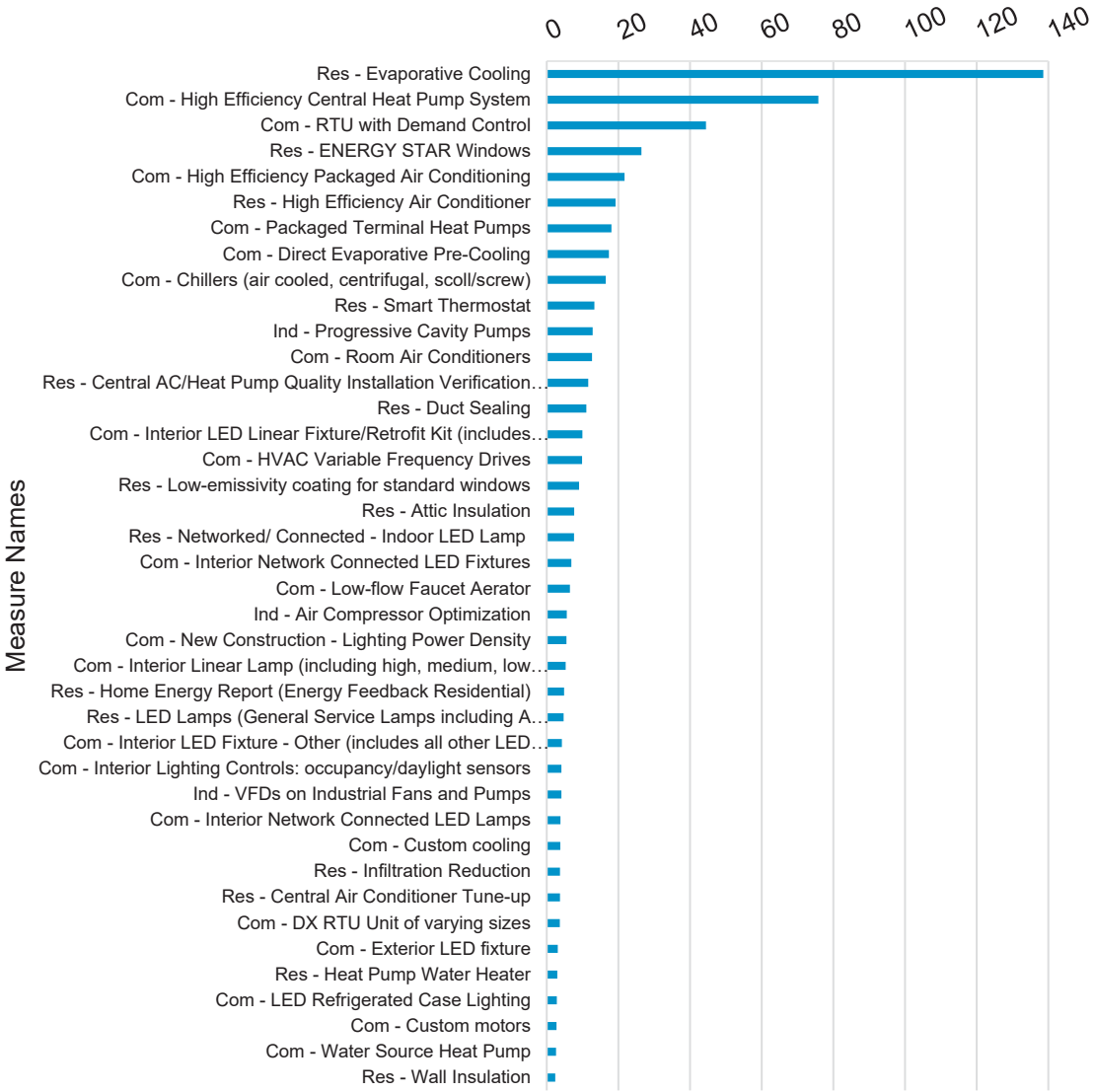
saturation of evaporative cooling is due to market barriers, including customer perceptions (or misperceptions), acceptance, customer awareness, and contractor awareness. Older generation units used more water, a major downside in the southwest. Because of the large education and preference gap around evaporative cooling, Achievable Potential for these measures tends to be much more limited. Please review these results in the Energy Efficiency Achievable Potential section.

Figure E-3. Top 40 Measures for Electric Energy Economic Potential in 2030 (GWh/year)



Source: Guidehouse Analysis 2021

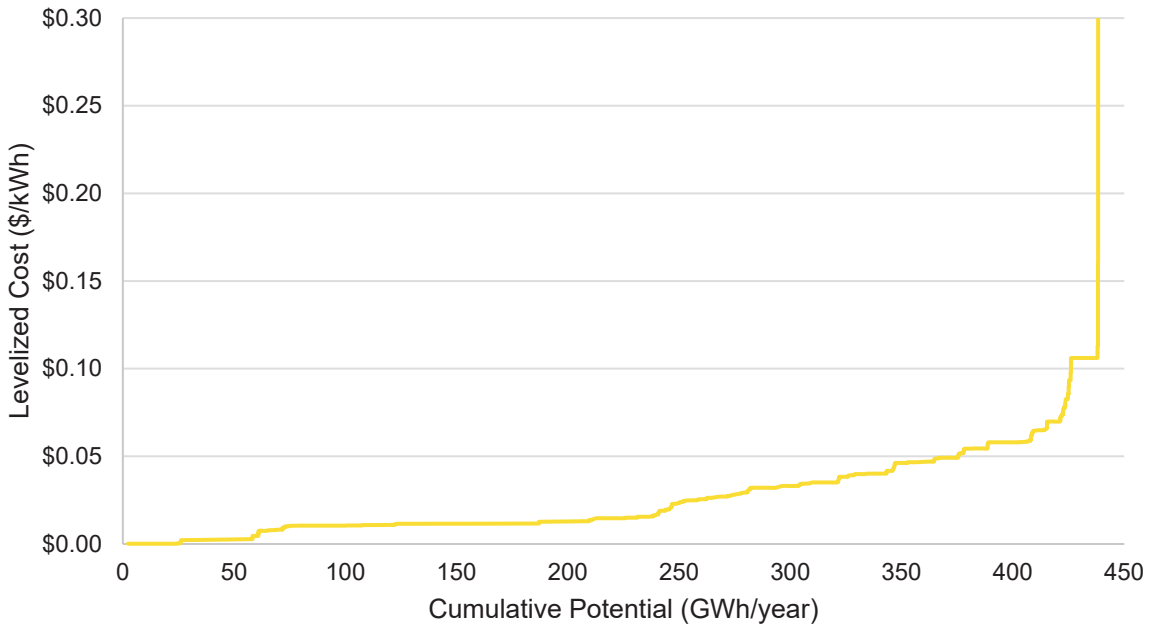
Figure E-4. Top 40 Measures for Electric Demand Economic Potential in 2030 (MW)



Source: Guidehouse Analysis 2021

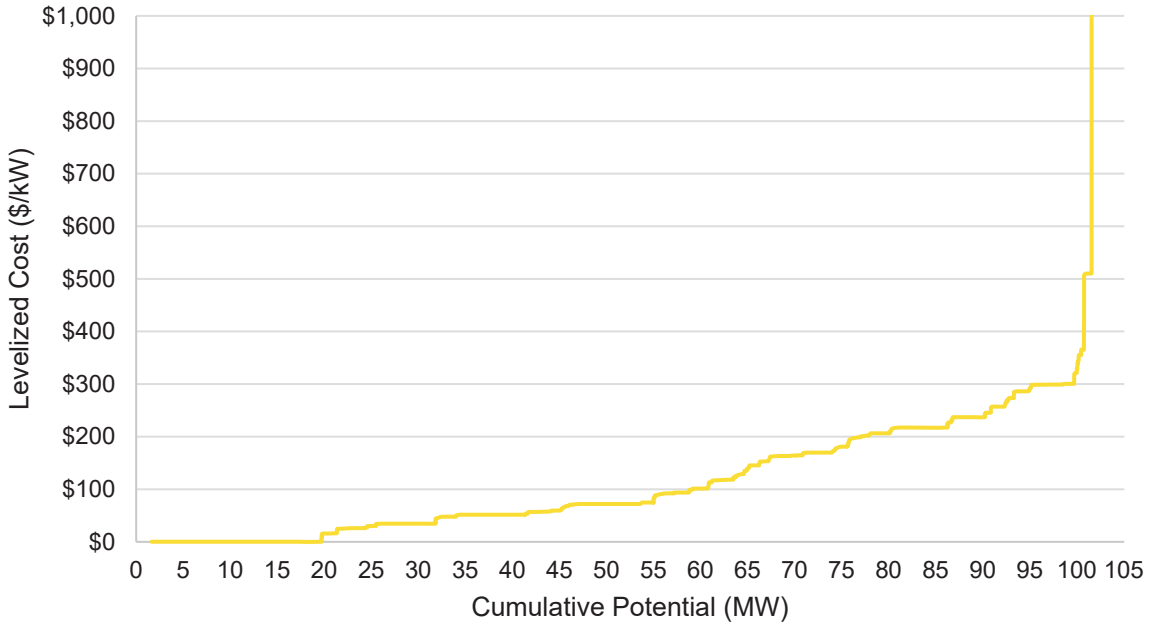
Figure E-5 and Figure E-6 provide a supply curve of savings potential versus levelized cost of savings for all measures considered in the study. To show the most relevant measures and improve readability, these curves have been shortened to show only those measures with a levelized cost below a certain threshold—the full curve would extend beyond this to measures with more costly savings. For electric energy, the vast majority of savings occur at a levelized cost between $0.001/kWh and $0.09/kWh. The majority of electric demand savings occur at a levelized cost between $2/kW and $150/kW.

Figure E-5. Electric Energy Economic Potential LCOE Supply Curve in 2030



Source: Guidehouse Analysis 2021

Figure E-6. Electric Demand Economic Potential LCOE Supply Curve in 2030



Source: Guidehouse Analysis 2021

Appendix F. Energy Efficiency Achievable Potential

This appendix describes Guidehouse's approach to calculating achievable energy efficiency potential and presents the results for Xcel Energy's New Mexico service territory.

F.1 Approach to Estimating Achievable Potential

This section provides a high-level summary of the approach to calculating gross achievable potential. The adoption of energy efficiency measures can be broken down into calculation of the equilibrium market share and calculation of the dynamic approach to equilibrium market share. This section also provides an overview of the sensitivity analysis and model calibration process.

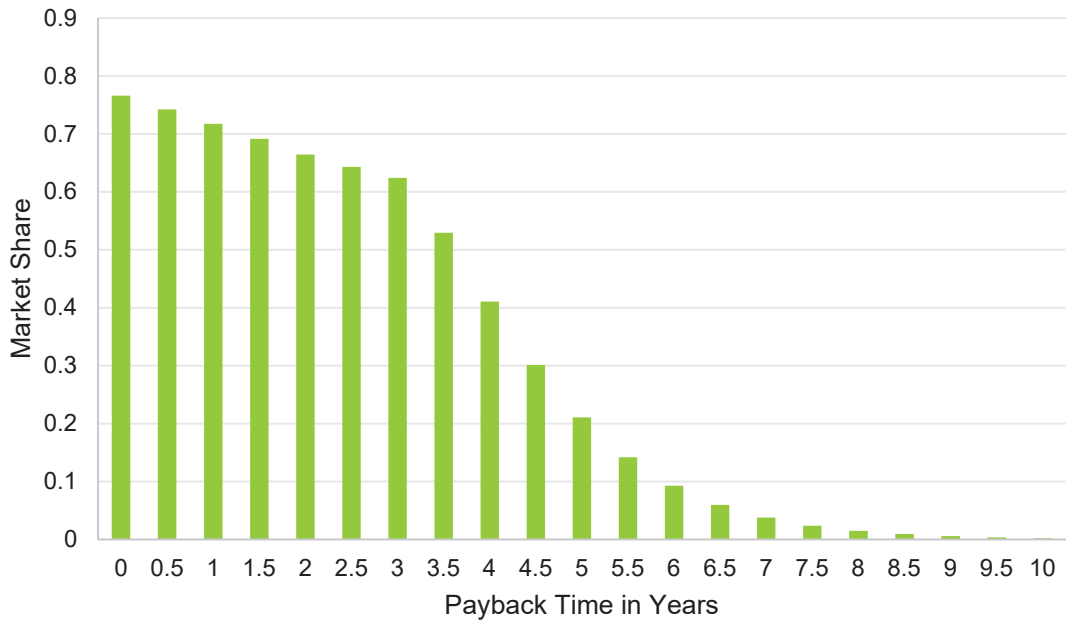
F.1.1 Calculation of Equilibrium Market Share

The equilibrium market share can be thought of as the percentage of individuals that would choose to purchase a technology provided those individuals are fully aware of the technology and its relative merits (e.g., the energy- and cost-saving features of the technology). In this context – fully aware means ready and capable of making an informed purchase decision. For energy efficiency measures, a key differentiating factor between the base technology and the efficient technology is the energy and cost savings associated with the efficient technology. Of course, that additional efficiency often comes at a premium in initial cost, meaning that it can take some time for the higher efficiency to pay off. Equilibrium market share is calculated as a function of the payback time of the efficient technology relative to the inefficient technology. This approach allows Guidehouse to estimate the market share for the dozens or even hundreds of technologies that are often considered in potential studies.

In this potential study, Guidehouse used equilibrium payback acceptance curves that were developed using primary research conducted in the fall of 2020 in Xcel Energy's New Mexico service territory. Guidehouse used surveys of 652 residential, and 214 C&I customers' preference to define the payback acceptance curves at the end-use and sector level. In the surveys, customer decision makers were asked about the quantity of various end uses within their home or business to inform density and saturation estimates, and then were asked whether they would be likely to make investments in energy efficiency upgrades based on a variety of project costs and expected annual energy savings. This willingness to pay question battery is typical of discrete choice experiments and designed to elicit the customer's inherent response to different economic returns. Guidehouse conducted statistical analysis on these responses to develop a set of payback acceptance curves for each customer segment/end use combination which were used in this potential study.

Figure F-1 shows an example of a payback acceptance curve for residential HVAC measures fitted to customer responses in the New Mexico territory. In this example, even at a payback period of 0 (i.e. the cost of the efficient technology after incentives is equivalent to the cost of the baseline technology), approximately 77% of customers would choose to install the efficient technology. This indicates that there are additional considerations or barriers beyond just cost that impact whether or not a particular customer is willing to install the efficient technology.

Figure F-1. Example of Payback Acceptance Curve for Residential HVAC Measures



Since the payback time of a technology can change over time, as technology costs or energy costs change over time, the equilibrium market share can also change over time. The equilibrium market share is recalculated for every year of the forecast to ensure the dynamics of technology adoption take this effect into consideration. As such, equilibrium market share is a bit of an oversimplification since the whole system is dynamic. Thus, the equilibrium refers to the long-run market share at each time step in the model.

F.1.2 Retrofit and New Construction Technology Adoption Approach

Retrofit technologies employ an enhanced version of the classic Bass diffusion model[18,19] to simulate the S-shaped approach to equilibrium that is observed again and again for technology adoption. Figure F-2 provides a stock/flow diagram illustrating the causal influences underlying the Bass model. In this model, market potential adopters flow to adopters by two primary mechanisms – adoption from external influences, such as marketing and advertising, and adoption from internal influences, or word-of-mouth. The fraction willing to adopt was estimated using the payback acceptance curves Figure F-2 illustrates.

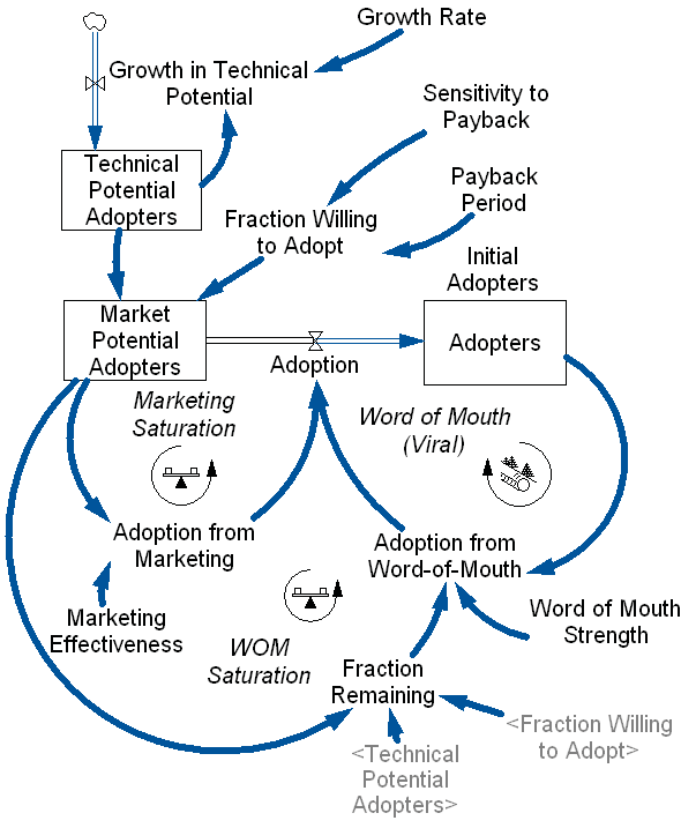
The marketing effectiveness and word-of-mouth parameters for this diffusion model were estimated drawing upon case studies where these parameters were estimated for dozens of

[18] Bass, Frank (1969). "A new product growth model for consumer durables". Management Science 15 (5): p215–227.

[19] See Sterman, John D. *Business Dynamics: Systems Thinking and Modeling for a Complex World*. Irwin McGraw-Hill. 2000. p. 332.

technologies.[20] Recognition of the positive, or self-reinforcing, feedback generated by the word-of-mouth mechanism is evidenced by increasing discussion of the concepts such as social marketing as well as the term viral, which has been popularized and strengthened most recently by social networking sites such as Twitter, Facebook, and YouTube. However, the underlying positive feedback associated with this mechanism has been ever present and a part of the Bass diffusion model of product adoption since its inception in 1969.

Figure F-2. Stock/Flow Diagram of Diffusion Model for Retrofits



Source: Guidehouse

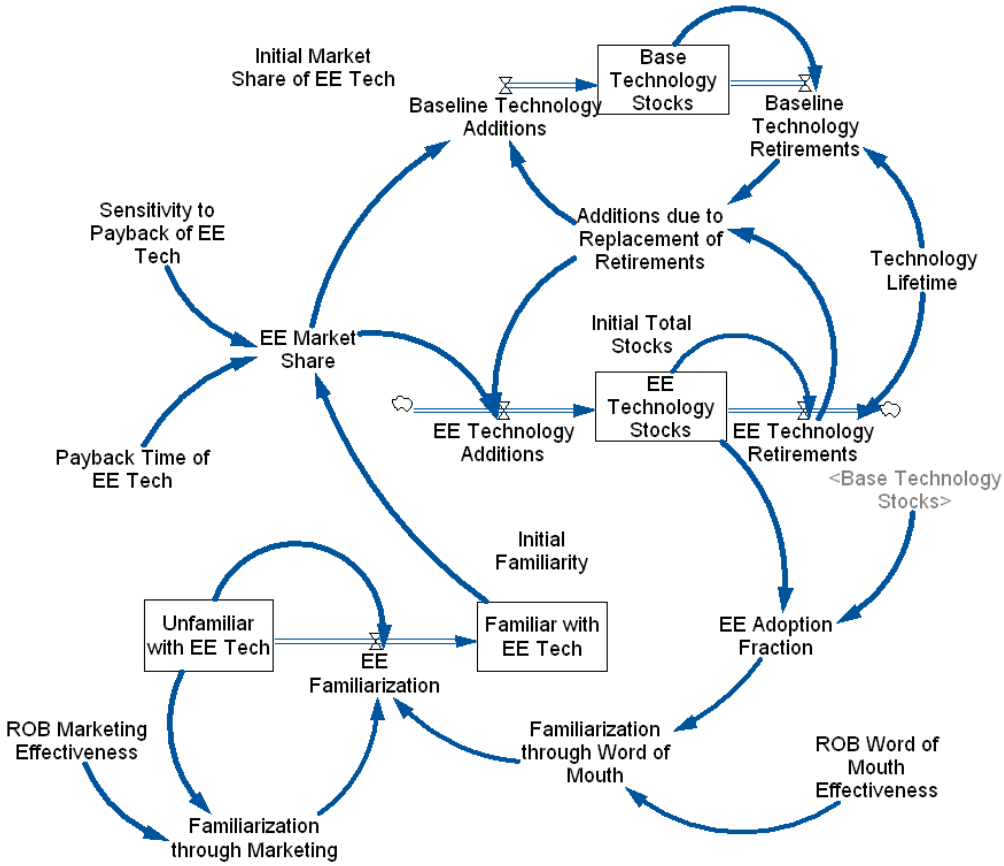
F.1.3 Replace-on-Burnout (ROB) Technology Adoption Approach

The dynamics of adoption for ROB technologies is somewhat more complicated than for NEW/RET technologies since it requires simulating the turnover of long-lived technology stocks. The DSMSim™ model tracks the stock of all technologies, both base and efficient, and explicitly

[20] See Mahajan, V., Muller, E., and Wind, Y. (2000). New Product Diffusion Models. Springer. Chapter 12 for estimation of the Bass diffusion parameters for dozens of technologies. This model uses a value of 0.10 for the word-of-mouth strength in the base case scenario. The Marketing Effectiveness parameter for the base case scenario varied between 0.019 and 0.048, depending on the sector (values were determined as part of the calibration process). These values compare reasonably with the "most likely" value of 0.021 (75th percentile value is 0.055) per Mahajan 2000.

calculates technology retirements and additions consistent with the lifetime of the technologies. Such an approach ensures that technology churn is considered in the estimation of market potential, since only a fraction of the total stock of technologies are replaced each year, which affects how quickly technologies can be replaced. A model that endogenously generates growth in the familiarity of a technology, analogous to the Bass approach described above, is overlaid on the stock tracking model to capture the dynamics associated with the diffusion of technology familiarity. Figure F-3 illustrates a simplified version of the model employed in DSMSim™.

Figure F-3. Stock/Flow Diagram of Diffusion Model for ROB Measures



Source: Guidehouse

F.1.4 Approach to Applying Customer Incentives

One of the most important drivers for estimating gross achievable potential is the approach that is taken for modeling incentives. Through various discussions with the Xcel Energy over the course of this project, Guidehouse chose the percentage of incremental cost approach for applying incentives in the model. This is where the rebate levels are set as a fixed percentage of the incremental cost of installing the efficient measure. Under this approach, the level of savings would be achieved by paying some level (say at 50% or 70%) of incremental costs. It is be possible to set the rebates at different levels, depending on the sector or end uses that are

modeled. For example, there may be policy reasons why it would make sense to set rebate levels at higher amounts for end uses that would target markets that are in the highly inefficient category.

For this potential study, Xcel Energy provided Guidehouse with historic project and incentive costs where they were available through program tracking data. Guidehouse used the actual historical values as initial values where applicable. Some values were further tuned in the model calibration process.

F.1.5 Model Calibration

Any model simulating future product adoption faces challenges with calibration, as there is no future world against which one can compare simulated with actual results. For this potential study, Guidehouse took a number of steps to ensure that forecast model results were reasonable, including:

- A comparison of 2015-2020 historic program savings values by sector and end use against Guidehouse's modeled program gross savings potential.
- Due to natural year-over-year variations in program achievement, rather than calibrating to a point estimate (i.e., tuning the model's 2020 potential to Xcel Energy's achieved 2020 savings), Guidehouse looked at the savings trend over the past 5 years of program achievement and calibrated the model to match the trend data.
- Guidehouse modeled program incentive spending by using the historic Xcel Energy program incentive spending as a percentage of program cost.

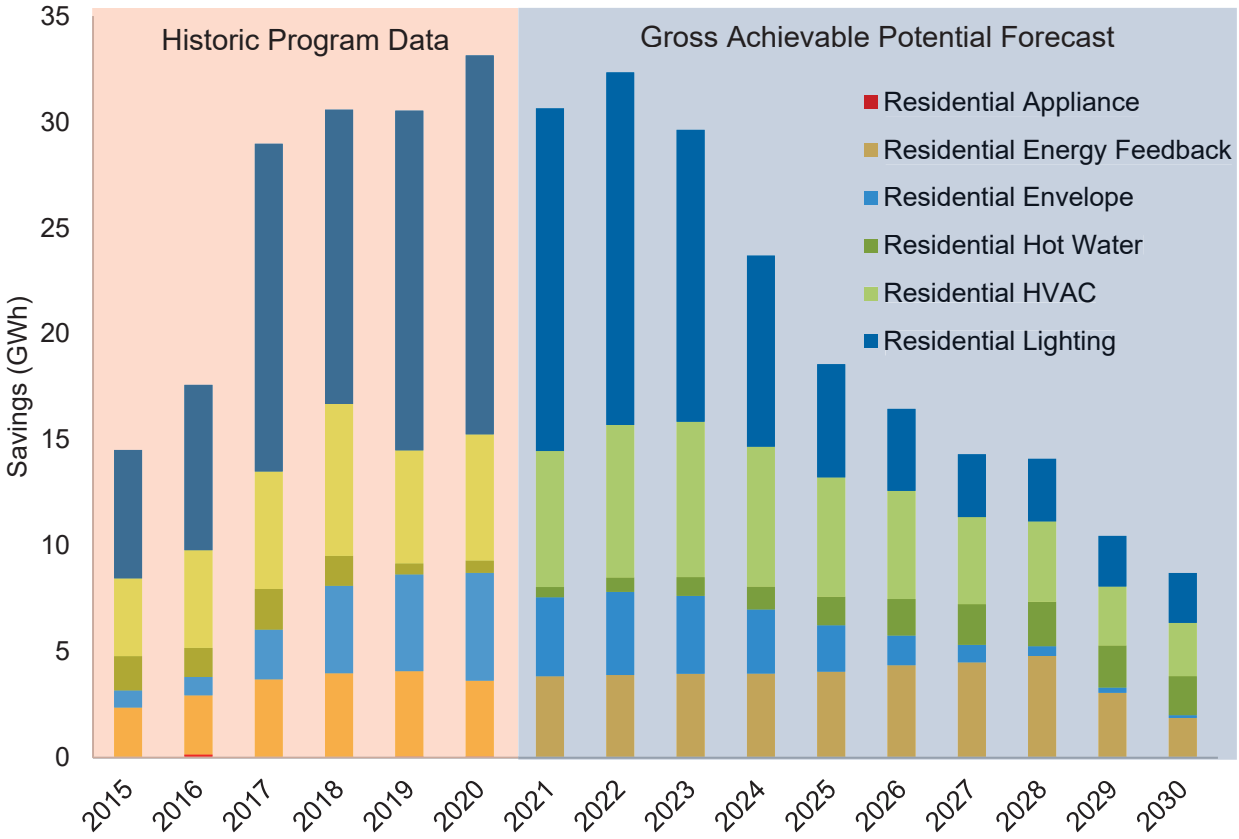
Guidehouse adjusted model parameters, including assumed incentive levels and technology diffusion coefficients, to obtain close agreement across a wide variety of metrics compared for the Reference scenario. This process ensures that forecast gross potential is grounded against real-world results considering the many factors that come into play in determining the likely adoption of energy efficiency measures, including both economic and non-economic factors.

Figure F-4 and Figure F-5 show the historic program savings from 2015-2020 by end use for the residential sector and C&I sectors, respectively, combined with the modeled gross achievable potential from 2021-2030. Xcel Energy's rapid expansion of residential customer programs in 2017—and in particular residential lighting—can be seen clearly in Figure F-4. This plus the long lifetime of LEDs has led to a rapid increase in efficient lighting saturation in residential homes over the last few years for the most common lighting categories, as Guidehouse measured in our primary data collection effort. This is discussed further in the following section.

There are several additional technologies in the potential study that were not a part of Xcel Energy's portfolio of measures in the past, so these graphs are representative of only measures that overlap between the two sets of measures. Once the calibration parameters were tuned using this overlapping set of data, Guidehouse assumed values for these calibrated parameters

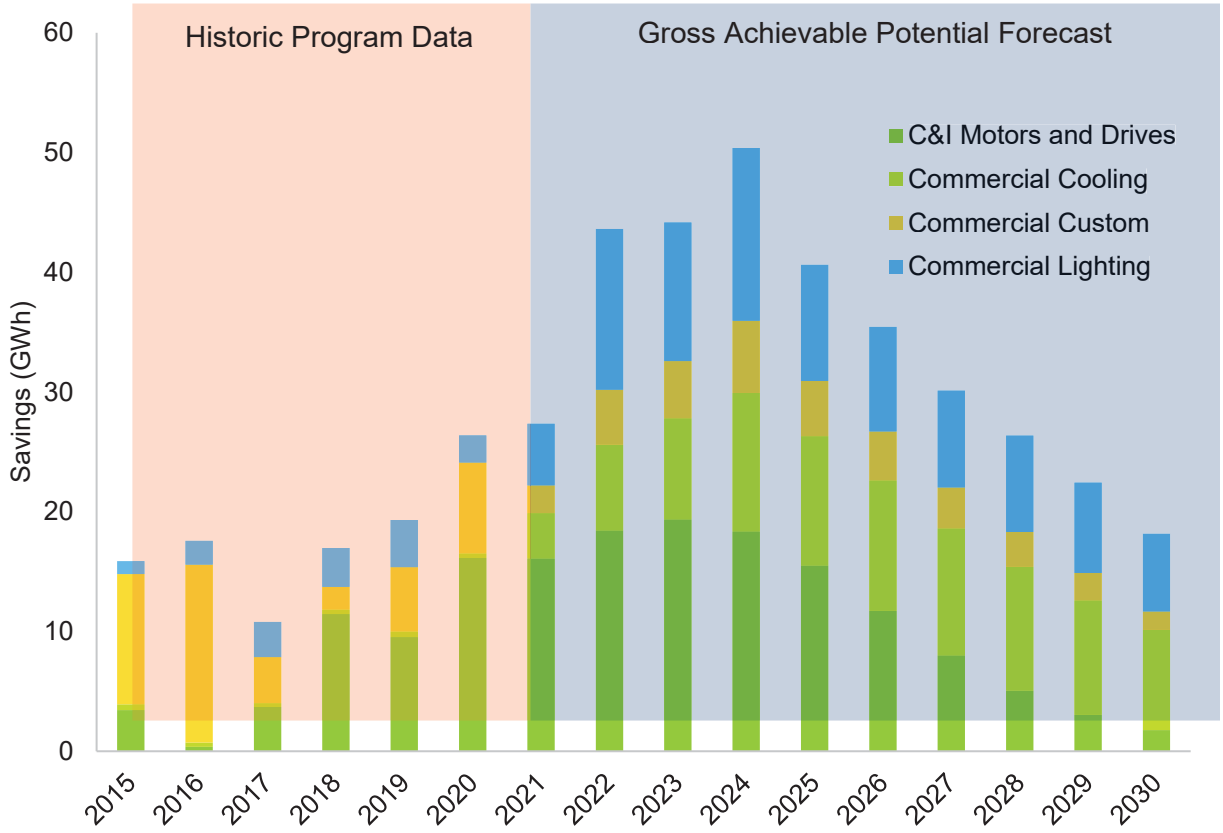
were representative of measures within the same sector and end use that did not have any historic savings data.

Figure F-4. Historic and Modeled Achievable Savings for Residential Sector (representative of only measures that overlap between potential study and historic program data)



Source: Guidehouse Analysis

Figure F-5. Historic and Modeled Achievable Savings for C&I Sectors (representative of only measures that overlap between potential study and historic program data)



Source: Guidehouse Analysis

The next section on efficient technology saturation will discuss why the gross potential starts to decrease in the later years of the study period.

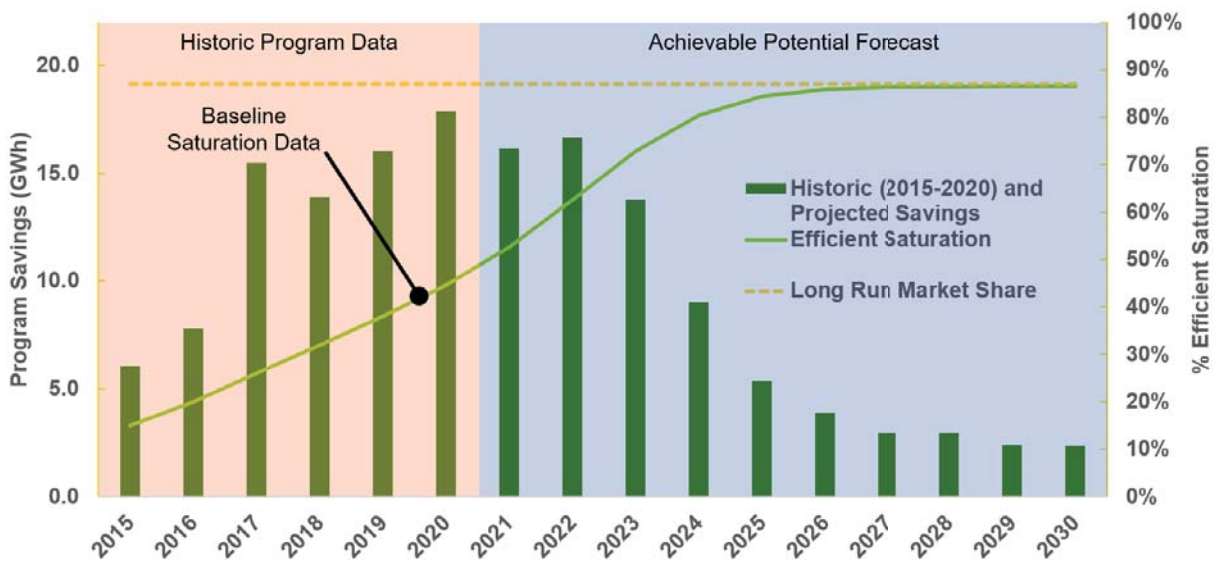
F.1.6 Efficient Equipment Saturation

As discussed in the calculation of equilibrium market share section above, the market potential of an efficient measure at any given point in the forecast is a function of four things: the percentage of customers that are aware of the efficient measure, the incremental cost of installing the efficient measure, the savings associated with the efficient measure over its baseline counterpart, and the customer's willingness to install the efficient measure based on its payback period. Once all customers are aware of a measure, unless the measure's cost decreases or savings increases, the efficient market share will not be greater than where it lands on the payback acceptance curve (e.g., Figure F-1). This is the equilibrium or long-run market share. Guidehouse calculated the current market share, or saturation of efficient

measures from the aforementioned virtual audits. As customers adopt efficient measures over time, the efficient market share begins to approach the equilibrium market share, at which point there would be no more gross achievable potential since all the customers that were willing to adopt already have. The gross achievable potential remaining for any given measure is a function of its initial efficient saturation.

Figure F-6 provides an example of this for residential LED measures. Guidehouse calculated from the survey responses that the initial saturation of LEDs (as of 2020 year-end) in the residential sector is approximately 47%. Guidehouse then calculated the equilibrium, or long run market share, for LEDs in the residential sector as approximately 87%, based on survey responses along with cost and savings assumptions. Based on this information, the market is more than halfway to the maximum gross achievable potential for this measure and starting to reach the point where acquiring each additional adopter is getting more difficult. The graph shows that the annual gross achievable potential starts declining rapidly in about 2023 as the market approaches the equilibrium market share and stabilizes in approximately 2027 when all savings are coming from new construction or replace on burnouts of existing LEDs.

Figure F-6. Residential Lighting Example of Efficient Saturation Effects on Gross Achievable Potential



Source: Guidehouse Analysis

While particularly relevant for residential LED measures due to the clear ramp up in program activity shown above, this phenomenon is present with many of the top saving measures in the study and clearly illustrates why annual gross achievable potential is declining towards the latter years of the study, as evidenced by Figure F-4 and Figure F-5 and in the next section of this report. Table F-1 shows the trend of efficient saturation over time for the top 10 measures in terms of cumulative energy savings in 2030.

Table F-1. Efficient Saturation Trend for Top 10 Measures

Measure	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Ind - VFDs on Industrial Fans and Pumps	9%	20%	33%	47%	60%	71%	79%	84%	87%	89%
Res - Duct Sealing	18%	27%	37%	47%	56%	63%	68%	71%	73%	74%
Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	45%	53%	63%	73%	80%	84%	86%	86%	86%	86%
Res - Evaporative Cooling	11%	11%	12%	12%	13%	14%	15%	17%	18%	19%
Res - Central AC/Heat Pump Quality Installation Verification (QIV)	54%	59%	64%	69%	74%	77%	80%	81%	82%	83%
Com - Interior Linear Lamp (including high, medium, low bay lamps)	62%	66%	68%	71%	72%	74%	75%	76%	78%	79%
Res - Infiltration Reduction	48%	54%	60%	66%	70%	74%	76%	77%	78%	78%
Com - High Efficiency Central Heat Pump System	0%	0%	0%	0%	1%	2%	2%	3%	4%	4%
Com - Packaged Terminal Heat Pumps	16%	17%	19%	21%	23%	25%	27%	29%	30%	32%
Com - Custom cooling	22%	25%	28%	32%	36%	40%	44%	47%	49%	51%

Source: Guidehouse Analysis

By 2030, all but two of the technologies in Table F-1 are getting to within 5%–10% of the long run equilibrium market share. Measures with high potential tend to be ones with high unit energy savings, a gap between initial efficient saturation and the long run market share, and strong customer economics. The measures that do not see saturation reaching the long run market share are evaporative cooling and high efficiency heat pump. Evaporative cooling is in a competition group with three other cooling technologies, so it is sharing the market with other

efficient technologies. These measures also tend to be difficult to market to customers that already have central air conditioning. While the per unit potential for commercial high efficiency heat pumps is high, there are a few reasons why their adoption is slower than other measures. First, they do not pass cost effectiveness screening until halfway through the study and even then, the customer economics are not as attractive as other measures, especially for a measure with high upfront costs. Our primary data on commercial customers in New Mexico indicated a low willingness to adopt for HVAC measures with high upfront costs and a long payback period.

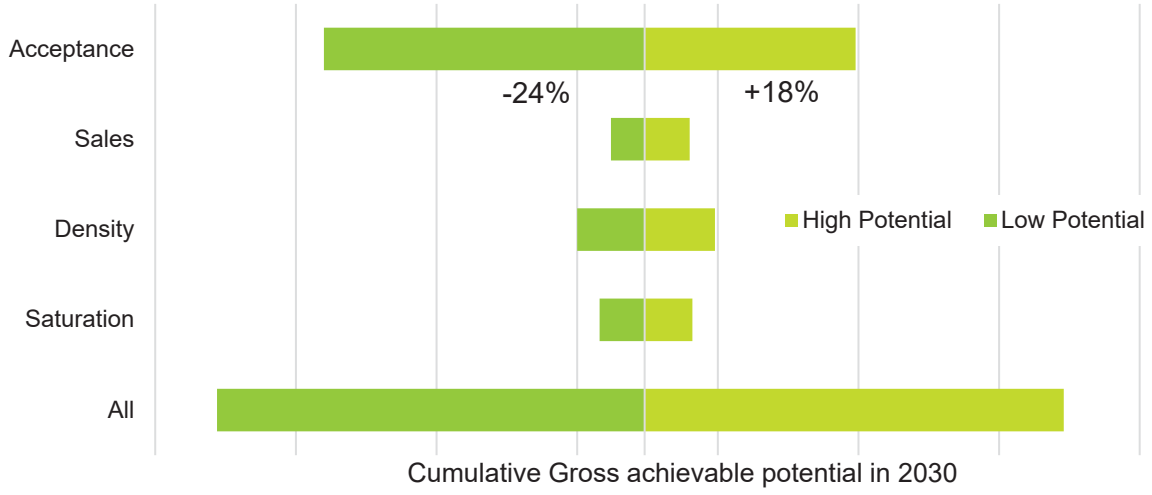
F.1.7 Sensitivity Analysis

As with all modeling exercises, there is a certain amount of uncertainty associated with the inputs feeding the model. Xcel Energy was interested in looking at the sensitivity of gross potential to four specific data-driven inputs: measure density, initial efficient saturation, sales forecast, and payback acceptance. Guidehouse performed a sensitivity analysis on these four parameters to determine the relative impact of each on overall gross potential. Each parameter was varied by either:

- The upper and lower bounds of the 80% confidence interval around the mean of the distribution of the data, which was calculated from survey responses (i.e., payback acceptance, density, saturation).
- A fixed percentage deemed where no distribution could be directly sampled (i.e., sales forecast).

The sensitivity analysis results in Figure F-7 show that variations in the payback acceptance, or customers' willingness to purchase an efficient technology given a certain economic return on their upfront investment, has the potential to be more influential than the other three parameters on potential future energy savings. Interestingly, since underlying customer preferences are at the root of this result, it may be one on which program administrators have little influence.

Figure F-7. Sensitivity of Gross Savings Potential to Modeling Parameters



Source: Guidehouse Analysis

There are many variables beyond payback period that impact why a customer may or may not decide to adopt an efficiency measure, many of which are completely out of the program administrator's ability to impact through their program and outreach. This could include perceived or real comfort impacts, political or social factors, uncertainty around adopting something perceived to be a new technology, perceptions of technology performance, and many more. Given the complexity of this issue, Guidehouse does not have justification to make an assertion that either the high or low end of the sensitivity is more likely to occur. These results are intended to explore the importance of these variables on gross achievable potential and demonstrate the usefulness of conducting primary data collection on these variables to give them a strong empirical basis.

F.2 Achievable Potential Savings – Reference Scenario

This section provides results pertaining to the reference scenario for electric gross achievable potential at different levels of aggregation. Results are shown by sector, customer segment, end use, and by highest-impact measures. The Reference Scenario was deemed to represent a business as usual case, whereby Xcel Energy would continue implementing their energy efficiency programs at comparable funding levels and for the most part continue to realize the energy savings that they have experienced from the past.

F.2.1 Results by Sector

Gross achievable potential accounts for the rate of energy efficiency acquisition. As Figure F-9 and Table F-2 show, gross achievable potential grows from 0.6 percent in 2021 to 3.8% of forecast net electric sales by 2030, or 0.42% per year on average over the potential study time horizon,[21] under the reference scenario. Figure F-10 and Table F-3 provide the comparable information for peak demand, with reductions growing from 0.5% in 2021 to 4.9% of forecast peak demand in 2030, or 0.54% per year on average over the same time horizon.

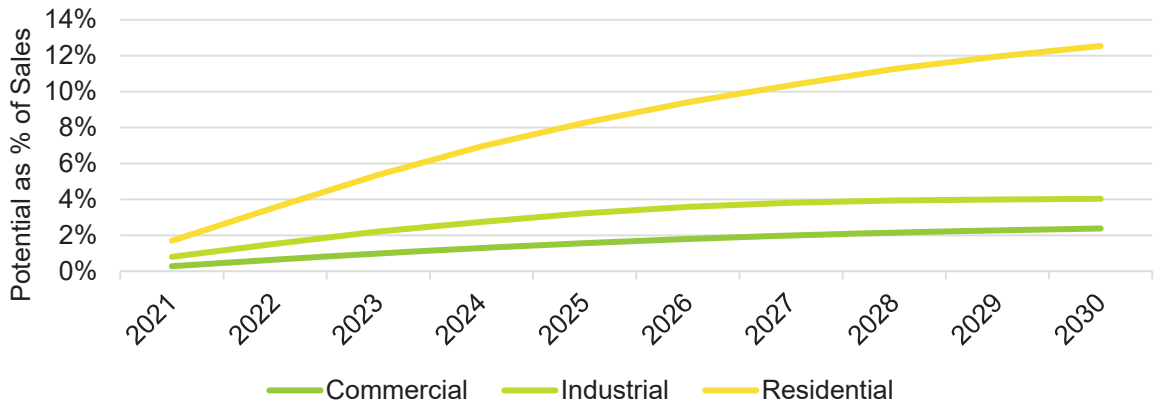
Values shown below for gross achievable potential are termed cumulative achievable potential, in that they represent the accumulation of each year's annual incremental gross achievable potential. As an example, an annual gross achievable potential of 0.42% per year, for 9 years, would result in a cumulative gross achievable potential of 3.8% of forecast sales. Economic potential, as defined in this study can be though of as a theoretical upper limit on potential if 100% of customers were willing to adopt the efficient measure regardless of payback and they chose to install the highest saving measure within a competition group (this is discussed in more detail in the Technical and Economic Potential chapters). The long run market potential considers customers' willingness to pay for an efficient measure and can be thought of as a bucket of potential from which programs can draw over time. Gross achievable potential represents the draining of that bucket, the rate of which is governed by a number of factors, including the lifetime of measures (for ROB technologies), market effectiveness, incentive levels, and customer willingness to adopt, among others. If the cumulative gross achievable

[21] The time horizon for the Potential Study is 2021-2030 (9 years).

potential ultimately reaches the economic potential, it will signify that all long run market potential in the bucket had been drawn down or harvested. Achievable electric potential reaches 3.8% of forecast sales by 2030, meaning that approximately one-quarter of economic potential has been harvested by the end of the potential study period (which represents 13.4% of sales in 2030).

While the residential sector represents a lower percentage of overall sales in the service territory, the gross potential as a percentage of sector consumption is significantly higher than the C&I sectors. This is driven largely by the fact that nearly half of the total sales in the C&I sectors are from the Mining/Oil & Gas Extraction segment, where there are significant hurdles in obtaining adoption of efficiency measures and opportunities for efficiency are more limited than in other customer segments.

Figure F-8. Total Electric Cumulative Gross Achievable Potential as a Percentage of Forecast Electric Sales



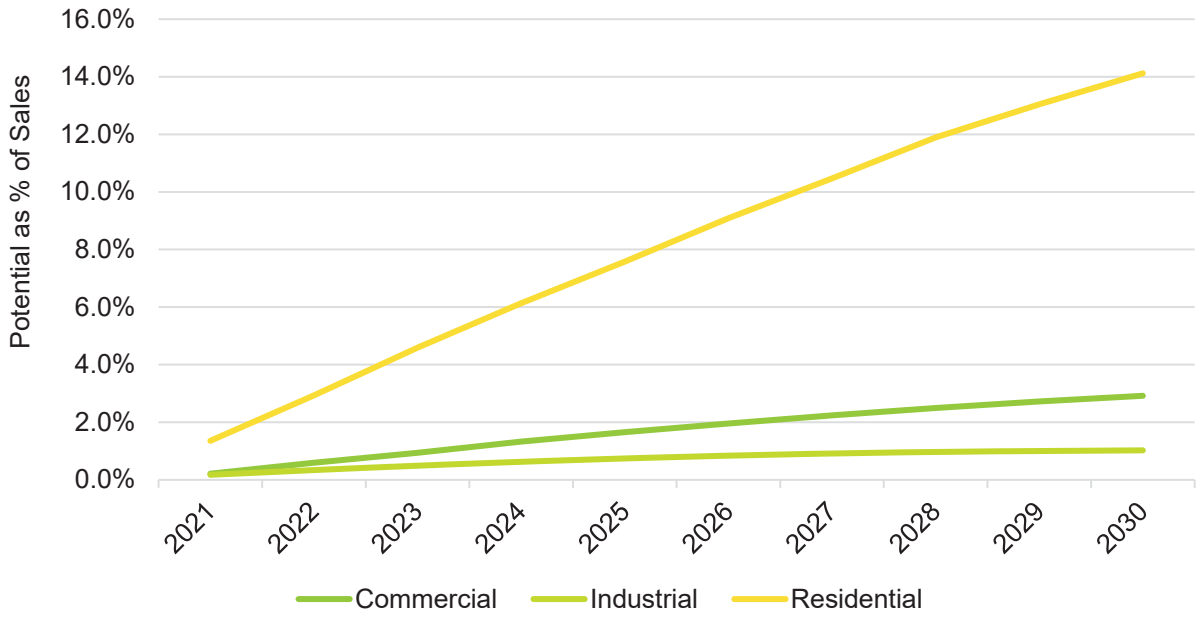
Source: Guidehouse Analysis

Table F-2. Total Electric Cumulative Gross Achievable Potential as a Percentage of Electric Sales

Electric Energy Gross Achievable Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2021	0.6%	0.3%	0.8%	1.7%
2022	1.2%	0.6%	1.5%	3.6%
2023	1.7%	1.0%	2.2%	5.4%
2024	2.2%	1.3%	2.7%	6.9%
2025	2.6%	1.6%	3.2%	8.3%
2026	2.9%	1.8%	3.6%	9.4%
2027	3.2%	2.0%	3.8%	10.4%
2028	3.4%	2.1%	3.9%	11.3%
2029	3.6%	2.3%	4.0%	12.0%
2030	3.8%	2.4%	4.0%	12.5%

Source: Guidehouse Analysis

Figure F-9. Total Electric Cumulative Gross Achievable Potential as a Percentage of Forecast Electric Peak Demand



Source: Guidehouse Analysis

Table F-3. Total Electric Cumulative Gross Achievable Potential as a Percentage of Electric Peak Demand

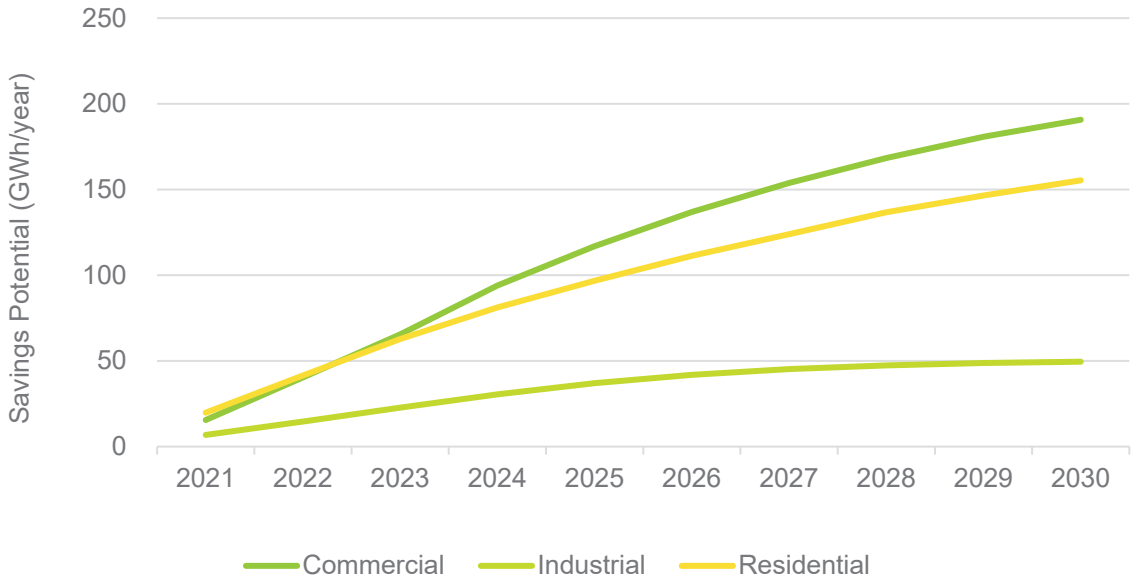
	Electric Demand Gross Achievable Potential by Sector as a Percent of Total Sales (%)			
	All	Commercial	Industrial	Residential
2021	0.5%	0.2%	0.2%	1.4%
2022	1.1%	0.6%	0.3%	2.9%
2023	1.7%	0.9%	0.5%	4.6%
2024	2.2%	1.3%	0.6%	6.1%
2025	2.7%	1.7%	0.7%	7.6%
2026	3.2%	2.0%	0.8%	9.1%
2027	3.7%	2.2%	0.9%	10.5%
2028	4.2%	2.5%	1.0%	11.9%
2029	4.6%	2.7%	1.0%	13.0%
2030	4.9%	2.9%	1.0%	14.1%

Source: Guidehouse Analysis

Figure F-11 and Table F-4 shows the magnitude (in GWh/year) of electric gross achievable potential by sector. Figure F-12 and Table F-5 provide the comparable information for peak demand gross achievable potential. All savings reported in this potential study are gross, rather than net, meaning that the effect of possible free ridership is not accounted for in the reported savings.

While gross potential as a percentage of sales is highest in the residential sector, the cumulative gross potential is highest in the commercial sector which accounts for a much higher proportion of sales (73%) than the residential sector.

Figure F-10. Cumulative Electric Gross Achievable Potential by Sector (GWh/year)



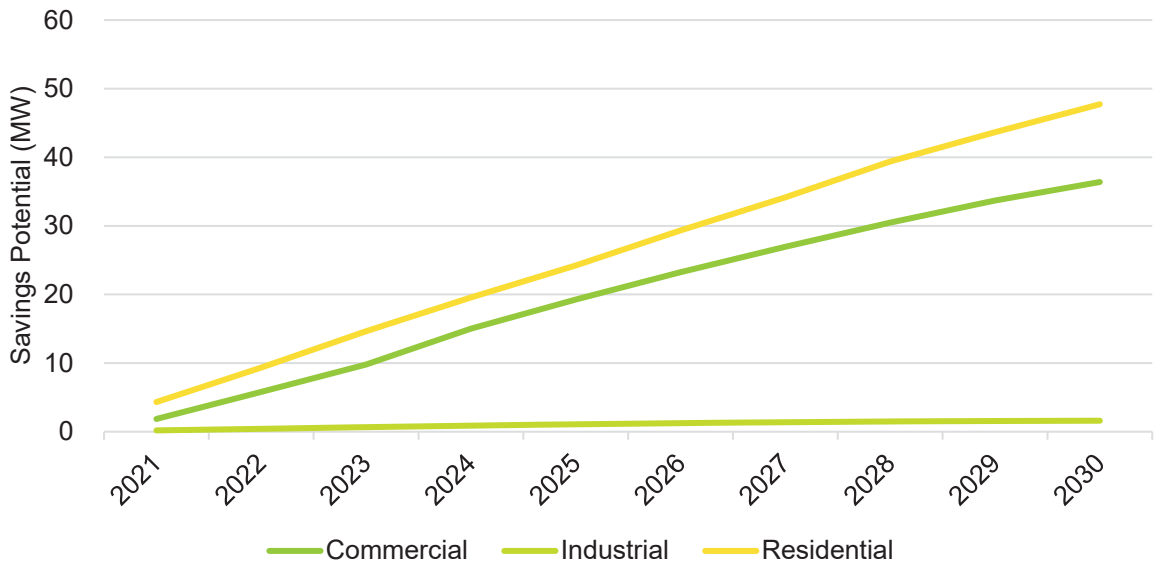
Source: Guidehouse Analysis

Table F-4. Cumulative Electric Gross Achievable Potential by Sector (GWh/year)

Electric Energy Gross Achievable Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2021	16	7	20
2022	40	15	42
2023	65	23	63
2024	94	31	81
2025	117	37	97
2026	137	42	111
2027	154	45	124
2028	168	47	137
2029	181	49	147
2030	191	50	155

Source: Guidehouse Analysis

Figure F-11. Cumulative Peak Demand Gross Achievable Potential by Sector (MW)



Source: Guidehouse Analysis

Table F-5. Cumulative Peak Demand Gross Achievable Potential by Sector (MW)

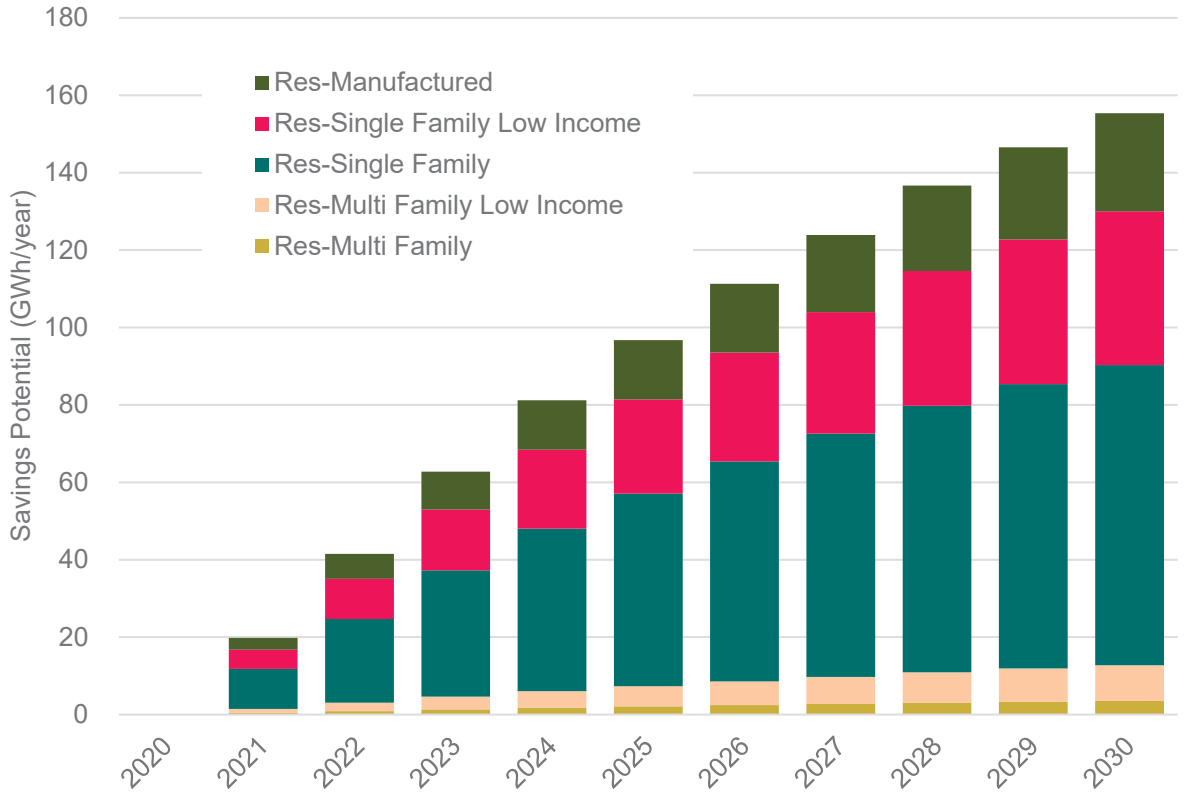
Total Electric Gross Demand Potential by Potential Type (MW)				
		Commercial	Industrial	Residential
2021	2	0		4
2022	6	0		9
2023	10	1		15
2024	15	1		20
2025	19	1		24
2026	23	1		29
2027	27	1		34
2028	30	1		39
2029	34	2		44
2030	36	2		48

Source: Guidehouse Analysis

F.2.2 Results by Customer Segment

Figure F-13 shows the gross electric potential for each of the five residential customer segments from 2021-2030.

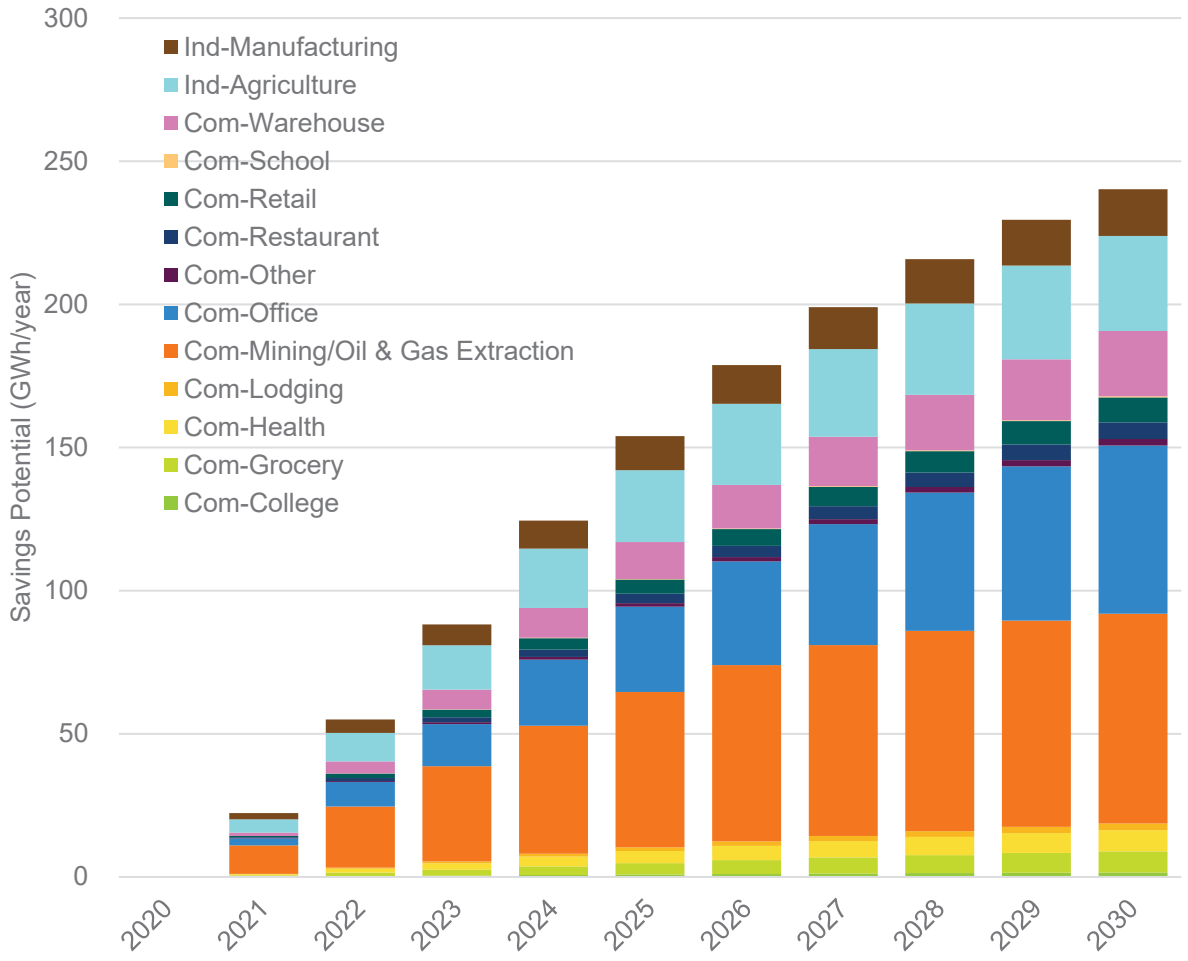
Figure F-12. Cumulative Gross Achievable Potential by Residential Customer Segment



Source: Guidehouse Analysis

Residential single family, single family – low income, and manufactured homes make up the majority of potential over the course of the study. The proportion of savings from each residential segment largely mirrors the proportion of overall energy consumption. The tight correlation between savings and energy consumption is segments only having small differences in initial efficient equipment saturation between the residential segments in the surveys. Figure F-14 shows the gross electric potential for all of the C&I customer segments from 2021-2030.

Figure F-13. Cumulative Gross Achievable Potential by Commercial Customer Segment



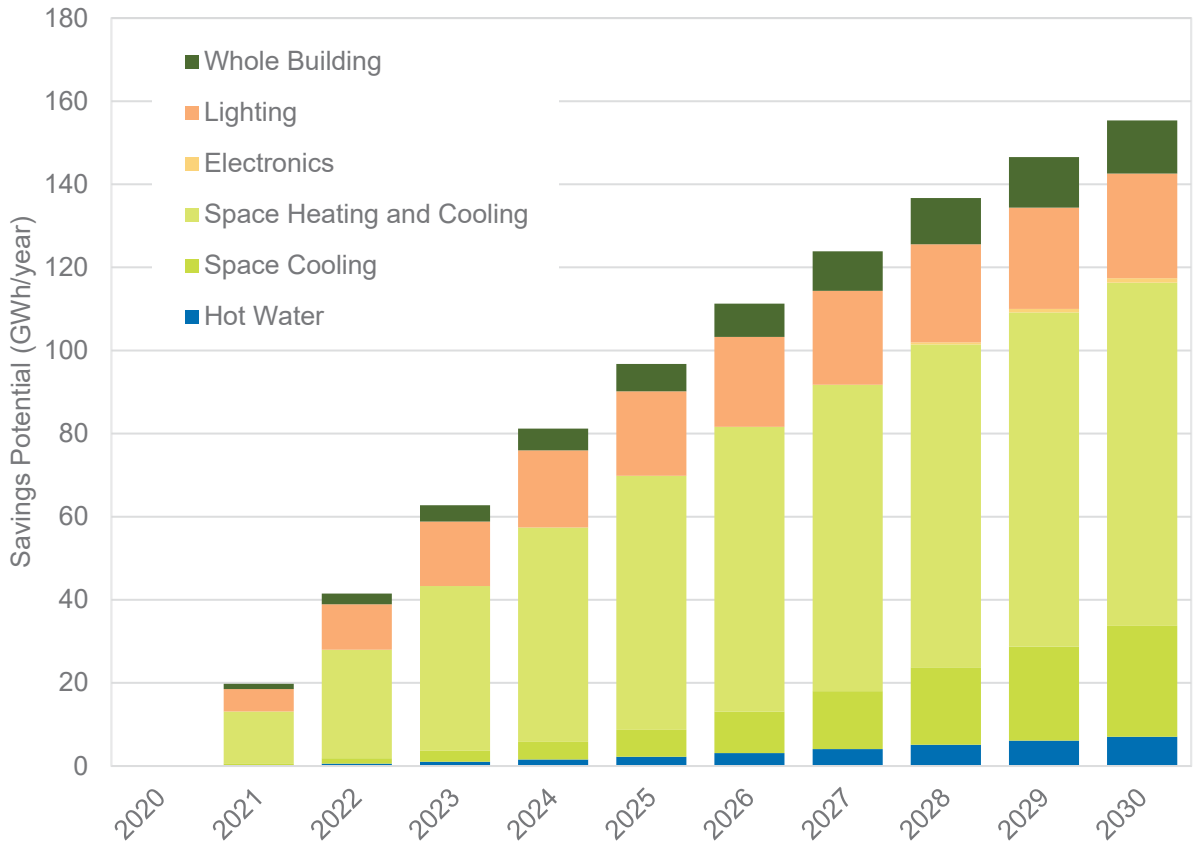
Source: Guidehouse Analysis

Gross potential from the Office and Mining/Oil & Gas Extraction segments dominate the overall savings potential in the C&I sectors, representing 55% of the potential, even though this segment is hard to reach and includes equipment and loads not easily addressed though energy efficiency measures. Mining/Oil & Gas Extraction is slightly higher that Office, despite this segment consuming nearly double the energy as the Office segment. This is driven by the fact that there are fewer measures with energy efficiency potential available in the Mining/Oil & Gas Extractions segment compared to the Office segment. The proportion of potential from the other segments largely aligns with the proportion of their energy consumption except for the Agriculture segment, which consumes 5% of the energy but provides 14% of potential.

F.2.3 Results by End Use

Figure F-15 shows the residential sector gross potential by end-use for 2021-2030.

Figure F-14. Cumulative Gross Achievable Potential by Residential Sector End-Use

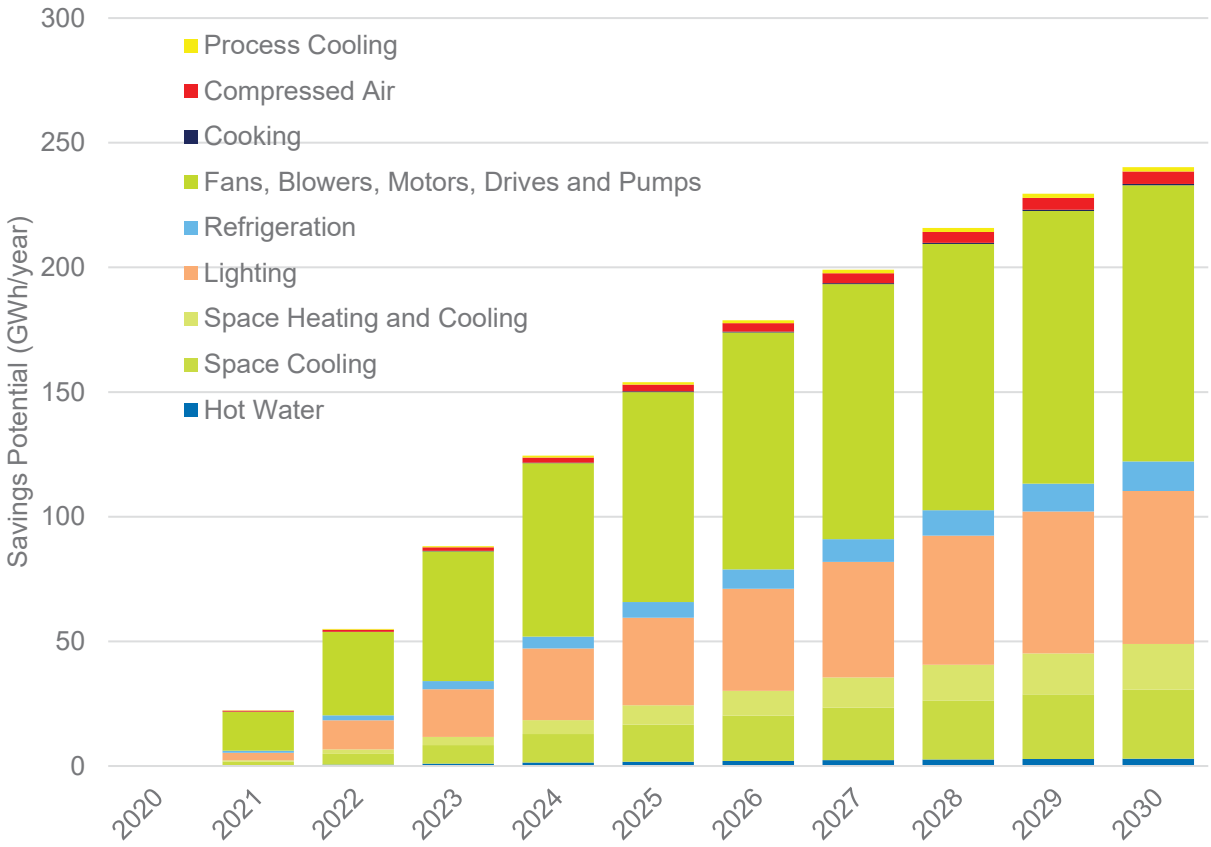


Source: Guidehouse Analysis

Lighting, space cooling, and space heating and cooling (which includes building envelope measures and heat pump measures) account for the majority of potential in the residential sector. Incremental lighting potential declines rapidly after 2023, at which point the high saturation of LEDs in the market make it difficult to obtain additional savings. Through the primary data collection, Guidehouse observed poor efficiency and older vintage stock of building HVAC equipment and envelope conditions. Combined with the high density of this equipment, this low observed saturation of efficient measures creates significant potential in these two areas through 2030.

Figure F-16 shows the gross potential savings by end use in the C&I sectors from 2021-2030.

Figure F-15. Cumulative Gross Achievable Potential by Commercial Sector End-Use



Source: Guidehouse Analysis

The fans, blowers, motors, drives, and pumps end use provide the largest portion of savings in the commercial sector, followed by lighting and space cooling measures. Xcel Energy has achieved a large portion of savings though it's the Custom Efficiency and Lighting programs over the past 5 years. The potential study shows this trend continuing though the mid-term before efficient equipment saturation makes additional achievement more difficult. By contrast, our survey indicated a low saturation of efficient heating and cooling equipment in these sectors corresponding with low historic achievement from Xcel Energy's Commercial Cooling program. Though typically harder to reach, the potential study model sees growing potential in the space heating and cooling end use in future years.

F.2.4 Results by Measure

Table F-6 shows the top 20 ranking measures along with their cumulative gross achievable potential in 2030. The top achievable measures include VFDs on fans and pumps in the C&I sectors, duct sealing, LEDs, evaporative cooling, HVAC quality installation verification and home energy reports in the residential sector and commercial lighting. Several of these measures have been discussed in previous sections of this report but others such as

evaporative cooler and heat pumps have large barriers to entry that are not completely captured in the economics of the measure. For example, consumers may dislike comfort conditions provided by an evaporative cooler compared to a traditional split system air conditioner, or just not understand the technology. This is reflected in the steep drop from economic potential to gross achievable potential.

Table F-6. Top 20 Energy Efficiency Measures for Electric Gross Achievable Potential by 2030 (GWh/year)

Rank	Measure	Gross Achievable Potential
1	Ind - VFDs on Industrial Fans and Pumps	110.8
2	Res - Duct Sealing	31.5
3	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	25.2
4	Res - Evaporative Cooling	23.9
5	Res - Central AC/Heat Pump Quality Installation Verification (QIV)	21.5
6	Res - Home Energy Report (Energy Feedback Residential)	12.8
7	Com - Interior Linear Lamp (including high, medium, low bay lamps)	10.4
8	Res - Infiltration Reduction	10.1
9	Com - High Efficiency Central Heat Pump System	8.6
10	Com - Packaged Terminal Heat Pumps	7.7
11	Com - Custom cooling	7.7
12	Com - Custom motors	7.7
13	Com - New Construction - Lighting Power Density	7.4
14	Com - Exterior LED Lamp	7.1
15	Res - ENERGY STAR Windows	7.0
16	Com - ECM motors for reach-in and walk-in coolers and freezers	6.9
17	Com - Exterior LED fixture	6.3
18	Com - Custom Lighting	5.9
19	Com - Room Air Conditioners	5.6
20	Res - Low-flow Showerheads	5.4

Source: Guidehouse Analysis

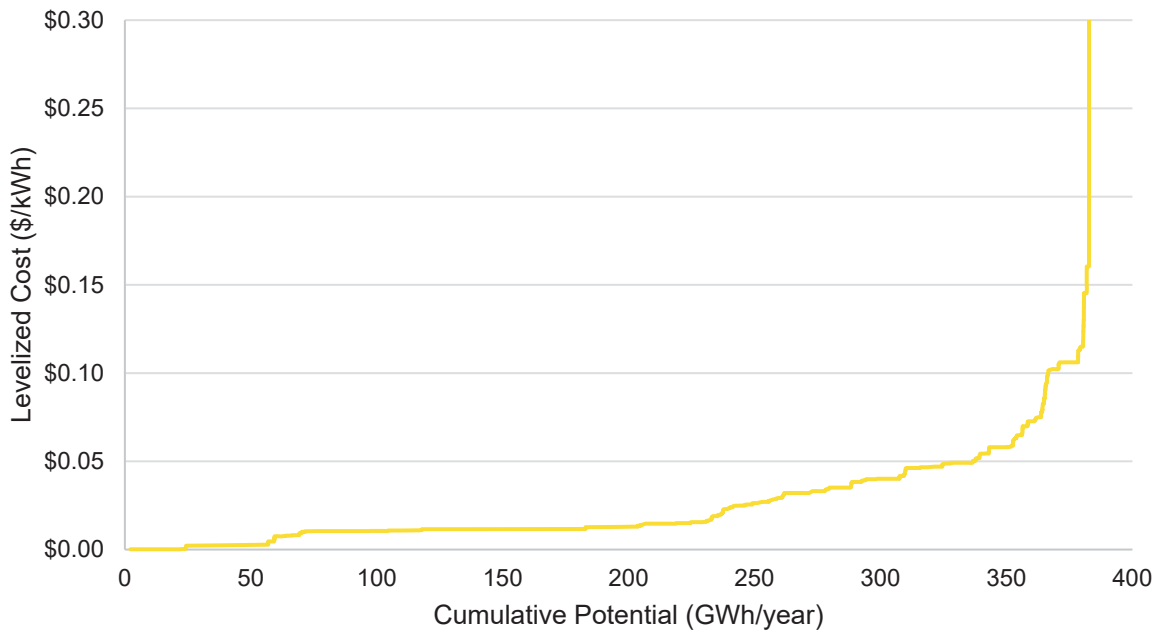
F.2.5 Supply Curves

Gross achievable potential supply curves are provided in this section. Levelized costs include the discounted lifetime savings for a given measure, and account for variable measure lifetimes and savings persistence. An energy efficiency resource potential supply curve illustrates the cumulative amount of gross achievable potential at various price points along a range of levelized cost. All measures are plotted with their corresponding gross cumulative potential and

the corresponding levelized cost to achieve that potential. The lowest cost measures appear on the left-hand side of the chart. Each next highest cost measure is stacked on top of the previous measures in ranked order.

Figure F-17 provides the supply curve results for the results of the reference scenario. As the chart shows, roughly 85% of the electric gross achievable potential savings can be achieved for a lifetime levelized cost of under $0.05/kWh. The remaining 15% of the potential can be achieved, but at significantly higher costs.

Figure F-16. Electric Gross Achievable Potential Supply Curve, All Sectors



Source: Guidehouse Analysis

F.2.6 Budget Estimates

Guidehouse developed estimates of energy efficiency program funding needed to support the various levels of gross achievable potential to be obtained during the study period. Table F-7 presents the estimated funding levels for incentives, program administration and portfolio administration under the reference scenario. These estimates were calculated in the DSMSim™ model and reflect calibrated incentive levels based on the percent of incremental cost approach described in this earlier in this report. The incentive budgets reflect the amount of spending that would result from the level of adoption for each measure that make up the gross achievable potential estimates. Incentive values vary over time due changes in the mix of measures and cost inflation. The program and portfolio administration budgets are based on historical expenditures for administration reported by Xcel Energy.

As the table shows, the total simulated funding that corresponds with the reference scenario gross achievable potential is just over $10 million in 2021, growing to a maximum in just over $13 million in 2024 and reducing back to just over $10 million by 2030.

Table F-7. Estimated Program Funding, Reference Scenario

Year	Total Program Administration	Portfolio Administration	Incentives	Annual Total
2021	$4,962,210	$433,321	$4,890,534	**$10,286,065**
2022	$5,099,663	$445,324	$6,625,120	**$12,170,107**
2023	$5,240,923	$457,660	$6,684,691	**$12,383,275**
2024	$5,386,097	$470,337	$7,203,282	**$13,059,716**
2025	$5,535,292	$483,365	$6,046,683	**$12,065,340**
2026	$5,688,619	$496,755	$5,523,624	**$11,708,998**
2027	$5,846,194	$510,515	$4,889,860	**$11,246,569**
2028	$6,008,134	$524,656	$4,822,775	**$11,355,565**
2029	$6,174,559	$539,189	$4,251,219	**$10,964,967**
2030	$6,345,594	$554,125	$3,679,394	**$10,579,113**

Source: Guidehouse Analysis

F.3 Achievable Potential Savings – Maximum Scenario

Variations in savings that can result from factors such as variable incentive rates and market availability, independent of other adoption drivers such as access to information and marketing efforts. In an effort to provide a reasonable upper boundary for the results of this potential study, Guidehouse developed a maximum gross achievable potential scenario to capture some of the program design elements otherwise outside the scope of this study.

The maximum achievable scenario reflects increases in customer incentives to cover 100% of incremental cost of the efficient measure, along with increased levels of customer awareness. For this scenario, administrative spending was increased in proportion with marketing. This reflects the higher cost of customer outreach and greater program activity.

A potential impact of this scenario that is not captured explicitly in the study is the possibility of some level of market transformation and supply-side impacts resulting from increased program activity and incentives. With more adoption of these technologies in the marketplace, economies of scale could further drive down costs and trade allies may be more likely to carry efficient technologies or push them harder. An extreme example of this would be contractors that only offer efficient equipment. Because this eliminates a choice that the customer would normally have, it elevates the long run market share to 100%, similar to a direct install program. This represents possible additional savings avenues for the program that are not captured in the presented results which assume that customer preference still impacts the long run market share.

F.3.1 Results of Maximum Achievable Scenario

Table F-8 summarizes results from the maximum achievable scenario relative to the reference scenario. Compared to the reference scenario, total cumulative savings increase by 22% by 2025 and 9% by 2030 in the maximum achievable scenario, whereas spending required to achieve these additional savings are slightly more than double the reference scenario over the course of the study period. While the total gross achievable potential is higher in the maximum achievable scenario, primary data suggests that for many end uses, customers would not adopt efficient measures even at 100% of incremental costs covered by incentives, therefore the long run efficient saturation is below 100%. Thus, while the max achievable scenario has higher potential in early years, saturation of mature end uses is achieved more quickly, limiting future savings potential.

Table F-8. Electric Achievable Gross Potential for Max Achievable Scenario Relative to Reference[22]

Year	Cumulative Savings (GWh)	Percent of Sales	Annual Budget (Million$)
Maximum Achievable Scenario			
2021	62	0.8%	$24.4
2022	140	1.7%	$28.9
2023	218	2.5%	$30.0
2025	333	3.4%	$23.1
2030	451	4.3%	$20.6
Reference Scenario			
2021	42	0.6%	$10.3
2022	97	1.2%	$12.2
2023	151	1.7%	$12.4
2025	251	2.6%	$12.1
2030	396	3.8%	$10.6

Source: Guidehouse Analysis

Budget levels increase for the max achievable scenario. This increase is non-linear with the savings increase—meaning that additional budget spend has diminishing returns on the savings achieved. While the budget more than doubles, the annual first year savings are between 10% and 30% higher, with the largest impacts being in the first year, and decreasing after.

[22] Percentages of sales presented in Table 9 are in terms of the year being reported (e.g. 2030 Percent of Sales in the Reference Scenario is 3.8% of 2030 sales. Put in terms of percent of 2020 sales, the cumulative savings for the Maximum Achievable scenario is 4.7% in 2025 and 6.4% in 2030. For the Reference Scenario, these percentages are 3.5% in 2025 and 5.6% in 2030.

Attachment MRS-1(USB)

Attachment A, Attachment B, Attachment C

Native Files

provided in electronic format

ATTACHMENT A:
Measure Inputs

| Measure Name | Measure Number | Measure Description | Group Field or All Blg | Climate Zone | Primary Fuel Type | Equipment Type | Baseline Description | Baseline Efficiency | Measure Equipment Type | Measure Efficiency | Source Fuel Type | Source Fuel Units | Source Fuel Cost | Source Fuel Cost Units | Site Fuel Savings | Site Fuel Savings Units | Site Elec Savings | Site Elec Savings Units | Site Elec Demand Savings | Site Elec Demand Savings Units | Source Energy Savings | Source Energy Savings Units | Source Elec Savings | Source Elec Savings Units | Source Elec Demand Savings | Source Elec Demand Savings Units | Source Energy Savings Percent | Source Elec Savings Percent | Source Elec Demand Savings Percent | Measure Life | Measure Life Source | Measure Life Notes | Measure Life Adjustment Factor | Measure Life Adjustment Factor Source | Measure Life Adjustment Factor Notes | Measure Life Adjustment Factor Adjusted | Measure Life Adjustment Factor Adjusted Source | Measure Life Adjustment Factor Adjusted Notes | Measure Life Adjustment Factor Adjusted Adjusted | Measure Life Adjustment Factor Adjusted Adjusted Source | Measure Life Adjustment Factor Adjusted Adjusted Notes | Measure Life Adjustment Factor Adjusted Adjusted Adjusted | Measure Life Adjustment Factor Adjusted Adjusted Adjusted Source | Measure Life Adjustment Factor Adjusted Adjusted Adjusted Notes | Measure Life Adjustment Factor Adjusted Adjusted Adjusted Adjusted | Measure Life Adjustment Factor Adjusted Adjusted Adjusted Adjusted Source | Measure Life Adjustment Factor Adjusted Adjusted Adjusted Adjusted Notes | Total Measure Measure Life Adjusted | Total Measure Measure Life Adjusted Source | Total Measure Measure Life Adjusted Notes | Baseline Cost | Baseline Cost Source | Baseline Cost Notes | Measure Cost | Measure Cost Source | Measure Cost Notes | Measure Cost Adjusted | Measure Cost Adjusted Source | Measure Cost Adjusted Notes | Measure Cost Adjusted Adjusted | Measure Cost Adjusted Adjusted Source | Measure Cost Adjusted Adjusted Notes | Measure Cost Adjusted Adjusted Adjusted | Measure Cost Adjusted Adjusted Adjusted Source | Measure Cost Adjusted Adjusted Adjusted Notes | Measure Cost Adjusted Adjusted Adjusted Adjusted | Measure Cost Adjusted Adjusted Adjusted Adjusted Source | Measure Cost Adjusted Adjusted Adjusted Adjusted Notes |
|---|---|---

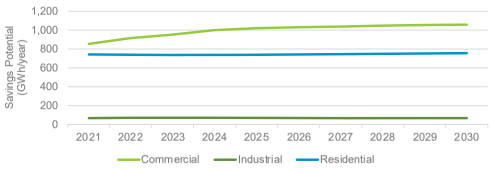
Measure ID	Measure Char Owner	Unique Measure Name	Common Measure Name	Service Territory	Utility	Climate Zone	Primary Utility Type	Baseline Assumption	Conv or Emerging	End Use Category
Res-Hot Wat-8.2	Sagar	Res - Low-flow Faucet Aerator - 100% Applicable	Res - Low-flow Faucet Aerator	Xcel | SPS	Xcel	SPS	Electric	Federal standard 2.2 gpm or greater	Conventional	Hot Water
Res-Hot Wat-8.3	Sagar	Res - Low-flow Faucet Aerator - 100% Applicable	Res - Low-flow Faucet Aerator	Xcel | SPS	Xcel	SPS	Electric	Federal standard 2.2 gpm or greater	Conventional	Hot Water
Res-Hot Wat-8.4	Sagar	Res - Low-flow Faucet Aerator - 100% Applicable	Res - Low-flow Faucet Aerator	Xcel | SPS	Xcel	SPS	Electric	Federal standard 2.2 gpm or greater	Conventional	Hot Water
Res-Hot Wat-8.5	Sagar	Res - Low-flow Faucet Aerator - 100% Applicable	Res - Low-flow Faucet Aerator	Xcel | SPS	Xcel	SPS	Electric	Federal standard 2.2 gpm or greater	Conventional	Hot Water
Res-Hot Wat-9.1	Sagar	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable	Res - Efficient Storage and Tankless Water Heaters	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Conventional	Hot Water
Res-Hot Wat-9.2	Sagar	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable	Res - Efficient Storage and Tankless Water Heaters	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Conventional	Hot Water
Res-Hot Wat-9.3	Sagar	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable	Res - Efficient Storage and Tankless Water Heaters	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Conventional	Hot Water
Res-Hot Wat-9.4	Sagar	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable	Res - Efficient Storage and Tankless Water Heaters	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Conventional	Hot Water
Res-Hot Wat-9.5	Sagar	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable	Res - Efficient Storage and Tankless Water Heaters	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Conventional	Hot Water
Res-Hot Wat-10.1	Sagar	Res - Heat Pump Water Heater - 100% Applicable	Res - Heat Pump Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-10.2	Sagar	Res - Heat Pump Water Heater - 100% Applicable	Res - Heat Pump Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-10.3	Sagar	Res - Heat Pump Water Heater - 100% Applicable	Res - Heat Pump Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-10.4	Sagar	Res - Heat Pump Water Heater - 100% Applicable	Res - Heat Pump Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-10.5	Sagar	Res - Heat Pump Water Heater - 100% Applicable	Res - Heat Pump Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-11.1	Sagar	Res - Solar Water Heater - 100% Applicable	Res - Solar Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-11.2	Sagar	Res - Solar Water Heater - 100% Applicable	Res - Solar Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-11.3	Sagar	Res - Solar Water Heater - 100% Applicable	Res - Solar Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-11.4	Sagar	Res - Solar Water Heater - 100% Applicable	Res - Solar Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Hot Wat-11.5	Sagar	Res - Solar Water Heater - 100% Applicable	Res - Solar Water Heater	Xcel | SPS	Xcel	SPS	Electric	Federal standard minimum efficiencies for electric storage and instantaneous water heaters	Emerging	Hot Water
Res-Lightin-12.1	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.2	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.3	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.4	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.5	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.6	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.7	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.8	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.9	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.10	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.11	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.12	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.13	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.14	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.15	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.1	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.2	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.3	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.4	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.5	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.6	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.7	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.8	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.9	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.10	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.11	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.12	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.13	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.14	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.15	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-14.1	Sagar	Res - Linear LEDs - Space Heating - EH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.2	Sagar	Res - Linear LEDs - Space Heating - EH + NC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.3	Sagar	Res - Linear LEDs - Space Heating - GH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.4	Sagar	Res - Linear LEDs - Space Heating - EH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.5	Sagar	Res - Linear LEDs - Space Heating - EH + NC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.6	Sagar	Res - Linear LEDs - Space Heating - GH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.7	Sagar	Res - Linear LEDs - Space Heating - EH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.8	Sagar	Res - Linear LEDs - Space Heating - EH + NC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.9	Sagar	Res - Linear LEDs - Space Heating - GH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.10	Sagar	Res - Linear LEDs - Space Heating - EH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.11	Sagar	Res - Linear LEDs - Space Heating - EH + NC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.12	Sagar	Res - Linear LEDs - Space Heating - GH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.13	Sagar	Res - Linear LEDs - Space Heating - EH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.14	Sagar	Res - Linear LEDs - Space Heating - EH + NC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-14.15	Sagar	Res - Linear LEDs - Space Heating - GH + EC	Res - Linear LEDs	Xcel | SPS	Xcel	SPS	Electric	T12/T8 Fluorescents	Conventional	Lighting
Res-Lightin-15.1	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.2	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.3	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.4	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.5	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.6	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.7	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.8	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.9	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.10	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.11	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.12	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.13	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.14	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.15	Sagar	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.16	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.17	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.18	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.19	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.20	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.21	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.22	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.23	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.24	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.25	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.26	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.27	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.28	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.29	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-15.30	Chris	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps)	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Conventional	Lighting
Res-Lightin-16.1	Sagar	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	Res - Occupancy Sensors (for MF common areas)	Xcel | SPS	Xcel	SPS	Electric	No Occupancy Sensors	Conventional	Lighting
Res-Lightin-16.2	Sagar	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	Res - Occupancy Sensors (for MF common areas)	Xcel | SPS	Xcel	SPS	Electric	No Occupancy Sensors	Conventional	Lighting
Res-Lightin-17.1	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.2	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + NC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.3	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - GH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.4	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.5	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + NC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.6	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - GH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.7	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.8	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + NC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.9	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - GH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.10	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.11	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + NC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.12	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - GH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.13	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.14	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - EH + NC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Lightin-17.15	Sagar	Res - Networked/Connected - Indoor LED Lamp - Space Heating - GH + EC	Res - Networked/Connected - Indoor LED lamp	Xcel | SPS	Xcel	SPS	Electric	Mixed Market Incandescent/CFL/Halogen Bulb	Emerging	Lighting
Res-Applian-1.1	Usman	Res - ENERGY STAR Clothes Washer - 100% Applicable	Res - ENERGY STAR Clothes Washer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Washer	Conventional	Appliances
Res-Applian-1.2	Usman	Res - ENERGY STAR Clothes Washer - 100% Applicable	Res - ENERGY STAR Clothes Washer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Washer	Conventional	Appliances
Res-Applian-1.3	Usman	Res - ENERGY STAR Clothes Washer - 100% Applicable	Res - ENERGY STAR Clothes Washer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Washer	Conventional	Appliances
Res-Applian-1.4	Usman	Res - ENERGY STAR Clothes Washer - 100% Applicable	Res - ENERGY STAR Clothes Washer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Washer	Conventional	Appliances
Res-Applian-1.5	Usman	Res - ENERGY STAR Clothes Washer - 100% Applicable	Res - ENERGY STAR Clothes Washer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Washer	Conventional	Appliances
Res-Applian-2.1	Usman	Res - Heat Pump Dryer - 100% Applicable	Res - Heat Pump Dryer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Dryer	Emerging	Appliances
Res-Applian-2.2	Usman	Res - Heat Pump Dryer - 100% Applicable	Res - Heat Pump Dryer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Dryer	Emerging	Appliances
Res-Applian-2.3	Usman	Res - Heat Pump Dryer - 100% Applicable	Res - Heat Pump Dryer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Dryer	Emerging	Appliances
Res-Applian-2.4	Usman	Res - Heat Pump Dryer - 100% Applicable	Res - Heat Pump Dryer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Dryer	Emerging	Appliances
Res-Applian-2.5	Usman	Res - Heat Pump Dryer - 100% Applicable	Res - Heat Pump Dryer	Xcel | SPS	Xcel	SPS	Electric	Non-ENERGY STAR Clothes Dryer	Emerging	Appliances
Res-Electro-3.1	Usman	Res - Advanced Power Strips - 100% Applicable	Res - Advanced Power Strips	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Conventional	Electronics and Office Equipment
Res-Electro-3.2	Usman	Res - Advanced Power Strips - 100% Applicable	Res - Advanced Power Strips	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Conventional	Electronics and Office Equipment
Res-Electro-3.3	Usman	Res - Advanced Power Strips - 100% Applicable	Res - Advanced Power Strips	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Conventional	Electronics and Office Equipment
Res-Electro-3.4	Usman	Res - Advanced Power Strips - 100% Applicable	Res - Advanced Power Strips	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Conventional	Electronics and Office Equipment
Res-Electro-3.5	Usman	Res - Advanced Power Strips - 100% Applicable	Res - Advanced Power Strips	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Conventional	Electronics and Office Equipment
Res-Electro-4.1	Usman	Res - Smart/Wifi Plugs - 100% Applicable	Res - Smart/Wifi Plugs	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Emerging	Electronics and Office Equipment
Res-Electro-4.2	Usman	Res - Smart/Wifi Plugs - 100% Applicable	Res - Smart/Wifi Plugs	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Emerging	Electronics and Office Equipment
Res-Electro-4.3	Usman	Res - Smart/Wifi Plugs - 100% Applicable	Res - Smart/Wifi Plugs	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Emerging	Electronics and Office Equipment
Res-Electro-4.4	Usman	Res - Smart/Wifi Plugs - 100% Applicable	Res - Smart/Wifi Plugs	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Emerging	Electronics and Office Equipment
Res-Electro-4.5	Usman	Res - Smart/Wifi Plugs - 100% Applicable	Res - Smart/Wifi Plugs	Xcel | SPS	Xcel	SPS	Electric	Standard power strip or no power strip	Emerging	Electronics and Office Equipment
Res-Refrige-18.1	Usman	Res - ENERGY STAR Refrigerator - 100% Applicable	Res - ENERGY STAR Refrigerator	Xcel | SPS	Xcel	SPS	Electric	Standard Refrigerator	Conventional	Refrigeration
Res-Refrige-18.2	Usman	Res - ENERGY STAR Refrigerator - 100% Applicable	Res - ENERGY STAR Refrigerator	Xcel | SPS	Xcel	SPS	Electric	Standard Refrigerator	Conventional	Refrigeration
Res-Refrige-18.3	Usman	Res - ENERGY STAR Refrigerator - 100% Applicable	Res - ENERGY STAR Refrigerator	Xcel | SPS	Xcel	SPS	Electric	Standard Refrigerator	Conventional	Refrigeration
Res-Refrige-18.4	Usman	Res - ENERGY STAR Refrigerator - 100% Applicable	Res - ENERGY STAR Refrigerator	Xcel | SPS	Xcel	SPS	Electric	Standard Refrigerator	Conventional	Refrigeration
Res-Refrige-18.5	Usman	Res - ENERGY STAR Refrigerator - 100% Applicable	Res - ENERGY STAR Refrigerator	Xcel | SPS	Xcel	SPS	Electric	Standard Refrigerator	Conventional	Refrigeration
Res-Whole B-47.1	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-47.2	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-47.3	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-47.4	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-47.5	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-48.6	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-48.7	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-48.8	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-48.9	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Whole B-48.10	Usman	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	Res - Home Energy Report (Energy Feedback Residential)	Xcel | SPS	Xcel	SPS	Electric	No home energy report	Conventional	Whole Building/House
Res-Lightin-12.1	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.2	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.3	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.4	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.5	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.6	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.7	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.8	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.9	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.10	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.11	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.12	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.13	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.14	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-12.15	Sagar	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	Res - LED Indoor Fixture (Pin Based Lamps)	Xcel | SPS	Xcel	SPS	Electric	Incandescent/CFL Bulb (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.1	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.2	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.3	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.4	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.5	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.6	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.7	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.8	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.9	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.10	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.11	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.12	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.13	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.14	Sagar	Res - LED Outdoor Fixture - Space Heating - EH + NC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting
Res-Lightin-13.15	Sagar	Res - LED Outdoor Fixture - Space Heating - GH + EC	Res - LED Outdoor Fixture	Xcel | SPS	Xcel	SPS	Electric	CFL/Halogen Bulbs (Market Baseline Wattage)	Conventional	Lighting

| Program ID | Measure Name | Measure Description | Category | Category Group | Class | Group | Measure Type | Sector | Subsector | Technology | Technology Group | Technology Detail | Delivery Mechanism | Delivery Mechanism Detail | Delivery Mechanism Detail 2 | Delivery Mechanism Detail 3 | Delivery Mechanism Detail 4 | Delivery Mechanism Detail 5 | Delivery Mechanism Detail 6 | Delivery Mechanism Detail 7 | Delivery Mechanism Detail 8 | Delivery Mechanism Detail 9 | Delivery Mechanism Detail

ATTACHMENT B: Results Figures and Tables - Maximum Achievable Scenario

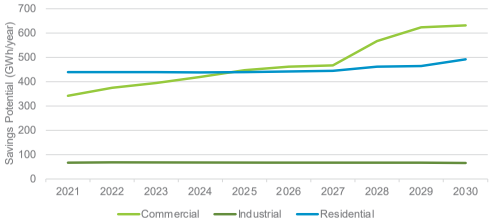
Electric Energy Technical Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	842	69	750
2021	854	69	740
2022	914	69	739
2023	952	69	738
2024	1,000	68	736
2025	1,018	68	736
2026	1,029	68	739
2027	1,037	68	743
2028	1,046	67	749
2029	1,053	67	753
2030	1,056	67	757

Savings Potential (GWh/year)



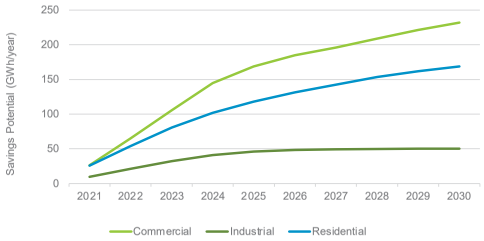
Electric Energy Economic Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	320	68	442
2021	342	68	439
2022	375	68	439
2023	395	67	439
2024	419	67	438
2025	448	67	439
2026	462	67	442
2027	467	67	445
2028	566	66	462
2029	624	66	464
2030	632	66	493

Savings Potential (GWh/year)



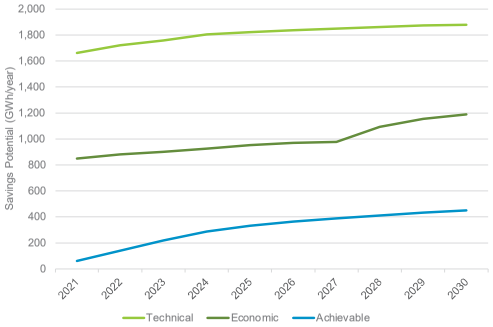
Electric Energy Achievable Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	0	0	0
2021	26	10	26
2022	65	21	54
2023	105	32	81
2024	145	41	102
2025	169	46	118
2026	185	48	131
2027	196	49	143
2028	209	50	153
2029	221	50	162
2030	232	50	169

Savings Potential (GWh/year)



Total Electric Energy Potential by Potential Type (GWh/year)			
	Technical	Economic	Achievable
2020	1,661	830	0
2021	1,663	849	62
2022	1,722	881	140
2023	1,759	901	218
2024	1,805	925	287
2025	1,822	953	333
2026	1,837	970	364
2027	1,848	978	388
2028	1,863	1,094	412
2029	1,873	1,154	433
2030	1,880	1,191	451

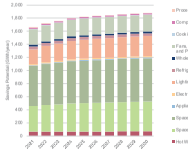
Savings Potential (GWh/year)



Electric Energy Savings Potential by End Use (MWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	49	64	65	65	66	66	67	68	68	68	70
Space Cooling	338	361	406	416	438	453	465	485	493	513	530
Space Heating and Cooling	619	611	628	639	646	650	658	668	680	680	691
Appliances	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Electronics	20	19	19	19	19	19	19	19	19	19	19
Lighting	232	203	247	232	230	287	263	237	301	305	337
Refrigeration	45	45	45	45	45	44	44	44	44	44	43
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps	230	209	244	247	232	301	285	253	305	305	293
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	31	31	31	30	30	30	30	30	30	30	30
Process Cooling	6	6	6	6	6	6	6	6	6	6	6

Savings Potential (MWh/year)



Natural Gas Energy Savings Potential by End Use (Therms/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	9	14	14	14	14	14	14	14	14	14	14
Space Cooling	242	233	259	239	238	259	241	243	248	248	250
Space Heating and Cooling	173	171	171	171	171	171	171	175	177	179	207
Appliances	11	11	11	11	11	11	11	11	11	11	10
Electronics	20	19	19	19	19	19	19	19	19	19	19
Lighting	36	37	37	37	37	37	37	37	36	36	36
Refrigeration	2	2	2	2	2	2	2	2	2	2	2
Whole Building	37	37	37	37	37	37	37	37	37	37	37
Fans, Blowers, Motors, Drives and Pumps											
Cooking											
Compressed Air											
Process Cooling											

Savings Potential (Therms/year)

Water Energy Savings Potential by End Use (CCF/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	8	8	8	8	8	8	8	8	8	8	8
Space Cooling	151	163	168	178	190	193	198	200	203	205	208
Space Heating and Cooling	318	305	319	320	341	345	348	350	352	353	354
Appliances	1	1	1	1	1	1	1	1	1	1	1
Electronics											
Lighting	142	145	168	160	156	206	213	216	220	224	236
Refrigeration	44	43	43	43	43	43	42	42	42	42	42
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	174	160	186	189	184	195	188	196	197	197	197
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	15	15	14	14	14	14	14	14	14	14	14
Process Cooling	4	4	4	4	4	4	4	4	4	4	4

Savings Potential (CCF/year)

Electric Energy Savings Potential by End Use (Cumulative)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	2	2	3	3	3	3	3	3	3	3	3
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	56	59	59	56	56	56	57	57	57	56	56
Cooking											
Compressed Air	6	6	6	6	6	6	6	6	6	6	6
Process Cooling	2	1	1	1	1	1	1	1	1	1	1

Savings Potential (MWh/year)

Electric Energy Savings Potential by End Use (Incremental)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	49	64	65	65	66	66	67	68	68	68	70
Space Cooling	338	361	406	416	438	453	465	485	493	513	530
Space Heating and Cooling	619	611	628	639	646	650	658	668	680	680	691
Appliances	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Electronics	20	19	19	19	19	19	19	19	19	19	19
Lighting	232	203	247	232	230	287	263	237	301	305	337
Refrigeration	45	45	45	45	45	44	44	44	44	44	43
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps	230	209	244	247	232	301	285	253	305	305	293
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	31	31	31	30	30	30	30	30	30	30	30
Process Cooling	6	6	6	6	6	6	6	6	6	6	6

Savings Potential (MWh/year)

Natural Gas Energy Savings Potential by End Use (Cumulative)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	9	14	14	14	14	14	14	14	14	14	14
Space Cooling	173	171	171	171	171	171	171	175	177	179	207
Space Heating and Cooling	242	233	259	239	238	259	241	243	248	248	250
Appliances	10	9	10	10	10	10	10	10	10	10	10
Electronics	0	0	0	0	0	0	0	0	13	13	13
Lighting	62	62	62	61	62	62	62	63	63	63	64
Refrigeration	0	0	0	0	0	0	0	0	0	0	0
Whole Building	37	37	37	37	37	37	37	37	37	37	37
Fans, Blowers, Motors, Drives and Pumps											
Cooking											
Compressed Air											
Process Cooling											

Savings Potential (Therms/year)

Water Energy Savings Potential by End Use (Incremental)

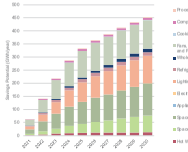
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	8	8	8	8	8	8	8	8	8	8	8
Space Cooling	151	163	168	178	190	193	198	200	203	205	208
Space Heating and Cooling	318	305	319	320	341	345	348	350	352	353	354
Appliances	1	1	1	1	1	1	1	1	1	1	1
Electronics											
Lighting	142	145	168	160	156	206	213	216	220	224	236
Refrigeration	44	43	43	43	43	43	42	42	42	42	42
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	174	160	186	189	184	195	188	196	197	197	197
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	15	15	14	14	14	14	14	14	14	14	14
Process Cooling	4	4	4	4	4	4	4	4	4	4	4

Savings Potential (CCF/year)

Electric Energy Savings Potential by End Use (Achievable)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	2	5	7	9	10	11	11	12	12	12
Space Cooling	0	4	11	19	27	34	41	47	53	58	64
Space Heating and Cooling	0	18	36	57	73	85	95	99	107	116	123
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	0	10	26	44	62	74	82	89	96	103	106
Refrigeration	0	3	6	9	11	12	13	13	13	13	13
Whole Building	0	1	3	4	5	7	8	10	11	12	13
Fans, Blowers, Motors, Drives and Pumps	0	22	47	70	85	101	106	108	109	109	110
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	1	3	4	5	6	7	7	7	7	7
Process Cooling	0	0	1	1	2	2	2	2	2	2	2

Savings Potential (MWh/year)



Natural Gas Energy Savings Potential by End Use (Achievable)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	1	2	3	3	3	3	3	3	3	3
Space Cooling	0	4	10	16	23	27	30	33	35	37	39
Space Heating and Cooling	0	1	3	6	8	10	11	12	17	23	28
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics											
Lighting	0	4	14	26	41	51	58	63	69	74	77
Refrigeration	0	3	6	9	11	12	13	13	13	13	13
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	0	13	28	42	53	58	62	63	64	64	64
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	1.35	3.06	5.27	6.63	7.43	8.03	9.15	11.29	13.43	15.57
Process Cooling	0	0.31	0.95	0.67	3.36	10.23	16.6	1.2	0.00	0.46	1.44

Savings Potential (Therms/year)

Water Energy Savings Potential by End Use (Achievable)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	0	1	2	3	3	3	3	3	3	3
Space Cooling	0	4	10	16	23	27	30	33	35	37	39
Space Heating and Cooling	0	1	3	6	8	10	11	12	17	23	28
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics											
Lighting	0	4	14	26	41	51	58	63	69	74	77
Refrigeration	0	3	6	9	11	12	13	13	13	13	13
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	0	13	28	42	53	58	62	63	64	64	64
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	1.35	3.06	5.27	6.63	7.43	8.03	9.15	11.29	13.43	15.57
Process Cooling	0	0.31	0.95	0.67	3.36	10.23	16.6	1.2	0.00	0.46	1.44

Savings Potential (CCF/year)

Electric Energy Savings Potential by End Use (Achievable Cumulative)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	0	0.23	0.54	0.94	1.35	0.63	1.13	1.60	2.02	1.31	0.07
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	0	9	20	30	37	42	44	45	45	45	45
Cooking											
Compressed Air	0	0	1	1	2	2	2	2	2	3	3
Process Cooling	0	0	0	0	0	0	1	1	1	1	1

Savings Potential (MWh/year)

Natural Gas Energy Savings Potential by End Use (Achievable Cumulative)

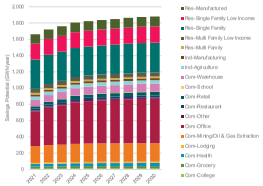
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	0	0.23	0.54	0.94	1.35	0.63	1.13	1.60	2.02	1.31	0.07
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	0	9	20	30	37	42	44	45	45	45	45
Cooking											
Compressed Air	0	0	1	1	2	2	2	2	2	3	3
Process Cooling	0	0	0	0	0	0	1	1	1	1	1

Savings Potential (Therms/year)

Electric Energy Technical Potential by Measure - Scenario 1 (MWh)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	9	10	10	11	11	11	12	12	12	12	12
Com-Grocery	29	29	29	30	30	30	30	30	30	30	30
Com-Health	29	29	30	33	35	36	37	37	37	38	38
Com-Lodging	13	13	14	15	15	16	16	16	16	16	16
Com-Mining/Oil & Gas Extraction	198	206	213	217	223	225	226	226	227	287	227
Com-Office	424	427	462	494	512	522	528	535	540	544	548
Com-Other	12	12	13	14	14	15	15	15	15	15	15
Com-Restaurant	22	22	23	24	25	26	26	26	26	27	27
Com-Retail	30	31	34	36	39	40	41	41	42	42	42
Com-School	2	2	2	3	3	3	3	3	3	3	3
Com-Warehouse	73	74	81	86	92	94	96	97	98	99	100
Ind-Agriculture	44	44	43	43	43	43	43	42	42	42	42
Ind-Manufacturing	25	25	25	25	26	25	25	25	25	25	25
Res-Multi Family	19	19	19	19	19	19	19	19	19	19	19
Res-Multi Family Low Income	51	50	50	50	50	50	50	50	51	51	52
Res-Single Family	364	360	359	358	356	357	359	361	363	366	366
Res-Single Family Low Income	197	195	194	194	194	194	193	196	197	198	199
Res-Manufactured	119	117	117	117	117	117	117	118	119	119	120

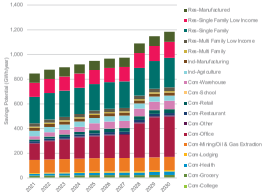
Savings Potential (MWh/year)



Electric Energy Economic Potential by Measure - Scenario 1 (MWh)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	9	10	10	11	11	11	12	12	12	12	12
Com-Grocery	19	20	20	20	21	21	21	21	21	22	22
Com-Health	13	14	16	17	19	19	19	20	20	24	28
Com-Lodging	6	8	7	7	8	11	11	11	11	11	11
Com-Mining/Oil & Gas Extra	108	106	107	108	108	108	108	108	108	106	107
Com-Office	128	152	148	158	171	179	183	188	280	324	328
Com-Other	5	5	5	7	7	7	8	8	9	9	9
Com-Restaurant	13	15	15	16	17	17	18	19	19	20	20
Com-Retail	12	14	17	19	21	26	28	29	30	30	31
Com-School	1	1	1	1	1	1	1	1	1	2	2
Com-Warehouse	24	26	33	37	41	54	57	58	61	66	67
Ind-Agriculture	43	43	43	43	43	42	42	42	42	42	41
Ind-Manufacturing	24	24	25	25	25	25	25	25	25	24	24
Res-Multi Family	10	10	10	10	10	10	10	10	11	11	12
Res-Multi Family Low Income	27	27	27	27	27	27	27	27	29	29	31
Res-Single Family	216	213	213	213	213	213	214	215	228	264	239
Res-Single Family Low Inco	115	115	115	115	115	115	116	117	122	122	129
Res-Manufactured	74	74	74	74	76	76	76	76	78	78	82

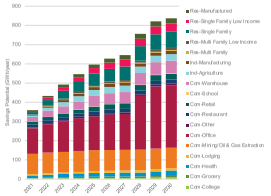
Savings Potential (MWh/year)



Electric Energy Achievable Potential for Customer Segment (MWh)

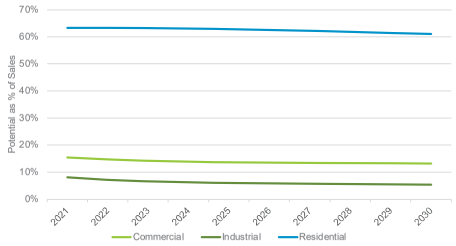
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	4	4	5	5	5	6	6	6	6	6	6
Com-Grocery	6	7	8	8	8	7	7	7	7	6	6
Com-Health	0	1	2	4	6	6	7	8	8	8	9
Com-Lodging	0	0	1	1	2	2	3	3	3	3	4
Com-Mining/Oil & Gas E	0	15	32	49	62	69	73	75	76	76	76
Com-Office	0	5	16	27	40	49	55	60	65	77	85
Com-Other	0	0	1	1	2	2	2	3	3	3	3
Com-Restaurant	0	1	2	4	5	6	6	6	7	7	7
Com-Retail	0	1	2	4	7	8	9	10	11	11	12
Com-School	0	0	0	0	0	0	0	0	1	1	1
Com-Warehouse	0	2	5	9	14	18	20	22	23	25	26
Ind-Agriculture	0	7	14	22	27	31	32	33	33	33	33
Ind-Manufacturing	0	3	7	11	14	15	16	17	17	17	17
Res-Multi Family	0	1	1	2	3	3	3	4	4	4	4
Res-Multi Family Low In	0	2	4	5	7	8	9	9	10	11	11
Res-Single Family	0	13	37	41	51	59	60	71	76	80	83
Res-Single Family Low I	0	6	13	20	25	29	32	35	38	41	43
Res-Manufactured	0	4	8	13	16	19	21	25	25	27	28

Savings Potential (MWh/year)



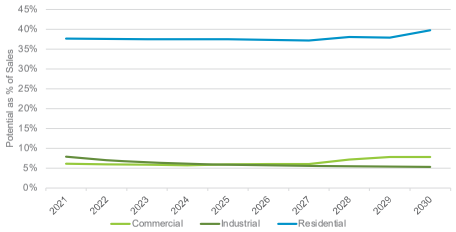
Electric Energy Technical Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	23.5%	16.4%	9.0%	63.4%
2021	22.0%	15.4%	8.1%	63.4%
2022	20.6%	14.6%	7.2%	63.3%
2023	19.8%	14.2%	6.7%	63.1%
2024	18.9%	13.8%	6.2%	63.0%
2025	18.6%	13.6%	6.0%	62.9%
2026	18.4%	13.5%	5.8%	62.5%
2027	18.3%	13.4%	5.7%	62.2%
2028	18.1%	13.3%	5.6%	61.7%
2029	18.0%	13.2%	5.5%	61.4%
2030	17.9%	13.2%	5.4%	61.1%

Potential as % of Sales



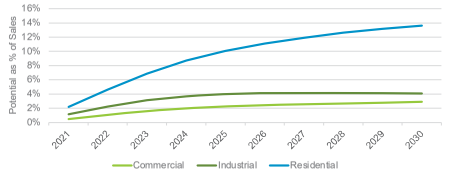
Electric Energy Economic Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	11.7%	6.2%	8.9%	37.3%
2021	11.2%	6.2%	7.9%	37.6%
2022	10.5%	6.0%	7.1%	37.6%
2023	10.1%	5.9%	6.6%	37.5%
2024	9.7%	5.8%	6.1%	37.5%
2025	9.7%	6.0%	5.9%	37.5%
2026	9.7%	6.1%	5.7%	37.4%
2027	9.7%	6.0%	5.6%	37.2%
2028	10.7%	7.2%	5.5%	38.0%
2029	11.1%	7.8%	5.4%	37.9%
2030	11.4%	7.9%	5.4%	39.8%

Potential as % of Sales



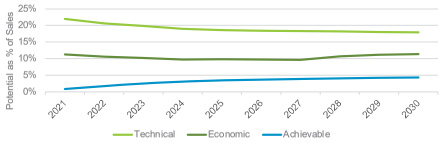
Electric Energy Achievable Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	0.0%	0.0%	0.0%	0.0%
2021	0.8%	0.5%	1.2%	2.2%
2022	1.7%	1.0%	2.2%	4.6%
2023	2.5%	1.6%	3.1%	6.9%
2024	3.0%	2.0%	3.7%	8.7%
2025	3.4%	2.3%	4.0%	10.1%
2026	3.7%	2.4%	4.1%	11.1%
2027	3.8%	2.5%	4.2%	11.9%
2028	4.0%	2.7%	4.1%	12.6%
2029	4.2%	2.8%	4.1%	13.2%
2030	4.3%	2.9%	4.1%	13.6%

Potential as % of Sales

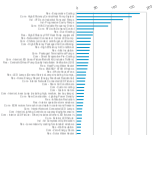


Electric Energy Potential by Potential Type as a Percent of Total Sales (%)			
	Technical	Economic	Achievable
2020	23.5%	11.7%	0.0%
2021	22.0%	11.2%	0.8%
2022	20.6%	10.5%	1.7%
2023	19.8%	10.1%	2.5%
2024	18.9%	9.7%	3.0%
2025	18.6%	9.7%	3.4%
2026	18.4%	9.7%	3.7%
2027	18.3%	9.7%	3.8%
2028	18.1%	10.7%	4.0%
2029	18.0%	11.1%	4.2%
2030	17.9%	11.4%	4.3%

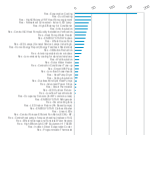
Potential as % of Sales



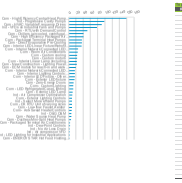
Rank	Measure	Cost-effective PAC
1	Com - High Efficiency Gas-fired Fryer Scale	98.9
2	Res - Gas Water Heater Tank Wrap	96.7
3	Ind - Ozone Laundry Cycle Timers	95.1
4	Com - ENERGY STAR® Transformers/Drives	91.0
5	Res - Gas Water Heater Cover	90.7
6	Res - Gas Heaters	90.5
7	Res - High Efficiency HEP Hood Pump Impeller	87.9
8	Res - Gas Water Heater Insulation Jacket	87.5
9	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
10	Com - Chiller Air Cooled - Screw Compressor	86.8
11	Res - High Efficiency Air Conditioner	86.5
12	Res - Gas Water Heater Cover	86.3
13	Com - Wine Chiller Condensing Unit Parts	86.2
14	Com - Direct Evaporative Fan Motor	86.1
15	Com - Variable Speed Drive Chiller Compressor Motors	86.1
16	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
17	Res - Heat Pump Water Heater	85.5
18	Com - Gas Water Heater	85.5
19	Res - Gas Water Heater Insulation Jacket	85.5
20	Res - Water Heater Wrap	85.5
21	Res - Gas Water Heater Tank Wrap	85.5
22	Res - Water Heater Tank Wrap	85.5
23	Res - Water Heater Pipe Wrap	85.5
24	Res - Water Heater Pipe Insulation	85.5
25	Res - Water Heater Tank Insulation	85.5
26	Res - Water Heater Cover	85.5
27	Res - Water Heater Jacket	85.5
28	Res - Water Heater Blanket	85.5
29	Res - Water Heater Wrap	85.5
30	Res - Water Heater Insulation	85.5
31	Res - Water Heater Cover	85.5
32	Res - Water Heater Jacket	85.5
33	Res - Water Heater Blanket	85.5



Rank	Measure	Cost-effective PAC
1	Res - Gas Water Heater Tank Wrap	96.7
2	Res - Gas Water Heater Insulation Jacket	95.1
3	Res - High Efficiency HEP Hood Pump Impeller	87.9
4	Res - Gas Water Heater Cover	86.3
5	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
6	Res - Water Heater Wrap	85.5
7	Res - Water Heater Pipe Wrap	85.5
8	Res - Water Heater Pipe Insulation	85.5
9	Res - Water Heater Tank Insulation	85.5
10	Res - Water Heater Cover	85.5
11	Res - Water Heater Jacket	85.5
12	Res - Water Heater Blanket	85.5
13	Res - Water Heater Insulation	85.5
14	Res - Water Heater Cover	85.5
15	Res - Water Heater Jacket	85.5
16	Res - Water Heater Blanket	85.5
17	Res - Water Heater Wrap	85.5
18	Res - Water Heater Insulation	85.5
19	Res - Water Heater Cover	85.5
20	Res - Water Heater Jacket	85.5
21	Res - Water Heater Blanket	85.5
22	Res - Water Heater Wrap	85.5
23	Res - Water Heater Insulation	85.5
24	Res - Water Heater Cover	85.5
25	Res - Water Heater Jacket	85.5
26	Res - Water Heater Blanket	85.5
27	Res - Water Heater Wrap	85.5
28	Res - Water Heater Insulation	85.5
29	Res - Water Heater Cover	85.5
30	Res - Water Heater Jacket	85.5
31	Res - Water Heater Blanket	85.5



Rank	Measure	Cost-effective PAC
1	Res - Gas Water Heater Tank Wrap	96.7
2	Res - Gas Water Heater Insulation Jacket	95.1
3	Res - High Efficiency HEP Hood Pump Impeller	87.9
4	Res - Gas Water Heater Cover	86.3
5	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
6	Res - Water Heater Wrap	85.5
7	Res - Water Heater Pipe Wrap	85.5
8	Res - Water Heater Pipe Insulation	85.5
9	Res - Water Heater Tank Insulation	85.5
10	Res - Water Heater Cover	85.5
11	Res - Water Heater Jacket	85.5
12	Res - Water Heater Blanket	85.5
13	Res - Water Heater Insulation	85.5
14	Res - Water Heater Cover	85.5
15	Res - Water Heater Jacket	85.5
16	Res - Water Heater Blanket	85.5
17	Res - Water Heater Wrap	85.5
18	Res - Water Heater Insulation	85.5
19	Res - Water Heater Cover	85.5
20	Res - Water Heater Jacket	85.5
21	Res - Water Heater Blanket	85.5
22	Res - Water Heater Wrap	85.5
23	Res - Water Heater Insulation	85.5
24	Res - Water Heater Cover	85.5
25	Res - Water Heater Jacket	85.5
26	Res - Water Heater Blanket	85.5
27	Res - Water Heater Wrap	85.5
28	Res - Water Heater Insulation	85.5
29	Res - Water Heater Cover	85.5
30	Res - Water Heater Jacket	85.5
31	Res - Water Heater Blanket	85.5

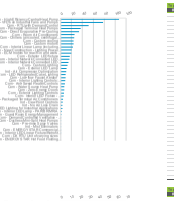


Rank	Measure	Cost-effective PAC
1	Com - High Efficiency Gas-fired Fryer Scale	98.9
2	Ind - Proprietary Cooling Pump	96.7
3	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
4	Com - Chiller Air Cooled - Screw Compressor	86.8
5	Com - Wine Chiller Condensing Unit Parts	86.2
6	Com - Direct Evaporative Fan Motor	86.1
7	Com - Variable Speed Drive Chiller Compressor Motors	86.1
8	Com - Chiller Air Cooled - Screw Compressor	86.8
9	Com - Wine Chiller Condensing Unit Parts	86.2
10	Com - Direct Evaporative Fan Motor	86.1
11	Com - Variable Speed Drive Chiller Compressor Motors	86.1
12	Com - Chiller Air Cooled - Screw Compressor	86.8
13	Com - Wine Chiller Condensing Unit Parts	86.2
14	Com - Direct Evaporative Fan Motor	86.1
15	Com - Variable Speed Drive Chiller Compressor Motors	86.1
16	Com - Chiller Air Cooled - Screw Compressor	86.8
17	Com - Wine Chiller Condensing Unit Parts	86.2
18	Com - Direct Evaporative Fan Motor	86.1
19	Com - Variable Speed Drive Chiller Compressor Motors	86.1
20	Com - Chiller Air Cooled - Screw Compressor	86.8
21	Com - Wine Chiller Condensing Unit Parts	86.2
22	Com - Direct Evaporative Fan Motor	86.1
23	Com - Variable Speed Drive Chiller Compressor Motors	86.1
24	Com - Chiller Air Cooled - Screw Compressor	86.8
25	Com - Wine Chiller Condensing Unit Parts	86.2
26	Com - Direct Evaporative Fan Motor	86.1
27	Com - Variable Speed Drive Chiller Compressor Motors	86.1
28	Com - Chiller Air Cooled - Screw Compressor	86.8
29	Com - Wine Chiller Condensing Unit Parts	86.2
30	Com - Direct Evaporative Fan Motor	86.1
31	Com - Variable Speed Drive Chiller Compressor Motors	86.1

Rank	Measure	Cost-effective PAC
1	Ind - VFD on Industrial Fans and Pumps	98.9
2	Res - Gas Water Heater Tank Wrap	96.7
3	Ind - Ozone Laundry Cycle Timers	95.1
4	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
5	Com - Chiller Air Cooled - Screw Compressor	86.8
6	Com - Wine Chiller Condensing Unit Parts	86.2
7	Com - Direct Evaporative Fan Motor	86.1
8	Com - Variable Speed Drive Chiller Compressor Motors	86.1
9	Com - Chiller Air Cooled - Screw Compressor	86.8
10	Com - Wine Chiller Condensing Unit Parts	86.2
11	Com - Direct Evaporative Fan Motor	86.1
12	Com - Variable Speed Drive Chiller Compressor Motors	86.1
13	Com - Chiller Air Cooled - Screw Compressor	86.8
14	Com - Wine Chiller Condensing Unit Parts	86.2
15	Com - Direct Evaporative Fan Motor	86.1
16	Com - Variable Speed Drive Chiller Compressor Motors	86.1
17	Com - Chiller Air Cooled - Screw Compressor	86.8
18	Com - Wine Chiller Condensing Unit Parts	86.2
19	Com - Direct Evaporative Fan Motor	86.1
20	Com - Variable Speed Drive Chiller Compressor Motors	86.1
21	Com - Chiller Air Cooled - Screw Compressor	86.8
22	Com - Wine Chiller Condensing Unit Parts	86.2
23	Com - Direct Evaporative Fan Motor	86.1
24	Com - Variable Speed Drive Chiller Compressor Motors	86.1
25	Com - Chiller Air Cooled - Screw Compressor	86.8
26	Com - Wine Chiller Condensing Unit Parts	86.2
27	Com - Direct Evaporative Fan Motor	86.1
28	Com - Variable Speed Drive Chiller Compressor Motors	86.1
29	Com - Chiller Air Cooled - Screw Compressor	86.8
30	Com - Wine Chiller Condensing Unit Parts	86.2
31	Com - Direct Evaporative Fan Motor	86.1

Rank	Measure	Cost-effective PAC
1	Com - Wine Chiller Condensing Unit Parts	86.2
2	Com - Direct Evaporative Fan Motor	86.1
3	Com - Variable Speed Drive Chiller Compressor Motors	86.1
4	Com - Chiller Air Cooled - Screw Compressor	86.8
5	Com - Wine Chiller Condensing Unit Parts	86.2
6	Com - Direct Evaporative Fan Motor	86.1
7	Com - Variable Speed Drive Chiller Compressor Motors	86.1
8	Com - Chiller Air Cooled - Screw Compressor	86.8
9	Com - Wine Chiller Condensing Unit Parts	86.2
10	Com - Direct Evaporative Fan Motor	86.1
11	Com - Variable Speed Drive Chiller Compressor Motors	86.1
12	Com - Chiller Air Cooled - Screw Compressor	86.8
13	Com - Wine Chiller Condensing Unit Parts	86.2
14	Com - Direct Evaporative Fan Motor	86.1
15	Com - Variable Speed Drive Chiller Compressor Motors	86.1
16	Com - Chiller Air Cooled - Screw Compressor	86.8
17	Com - Wine Chiller Condensing Unit Parts	86.2
18	Com - Direct Evaporative Fan Motor	86.1
19	Com - Variable Speed Drive Chiller Compressor Motors	86.1
20	Com - Chiller Air Cooled - Screw Compressor	86.8
21	Com - Wine Chiller Condensing Unit Parts	86.2
22	Com - Direct Evaporative Fan Motor	86.1
23	Com - Variable Speed Drive Chiller Compressor Motors	86.1
24	Com - Chiller Air Cooled - Screw Compressor	86.8
25	Com - Wine Chiller Condensing Unit Parts	86.2
26	Com - Direct Evaporative Fan Motor	86.1
27	Com - Variable Speed Drive Chiller Compressor Motors	86.1
28	Com - Chiller Air Cooled - Screw Compressor	86.8
29	Com - Wine Chiller Condensing Unit Parts	86.2
30	Com - Direct Evaporative Fan Motor	86.1
31	Com - Variable Speed Drive Chiller Compressor Motors	86.1

Rank	Measure	Cost-effective PAC
1	Res - Gas Water Heater Tank Wrap	96.7
2	Res - Gas Water Heater Insulation Jacket	95.1
3	Res - High Efficiency HEP Hood Pump Impeller	87.9
4	Res - Gas Water Heater Cover	86.3
5	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
6	Res - Water Heater Wrap	85.5
7	Res - Water Heater Pipe Wrap	85.5
8	Res - Water Heater Pipe Insulation	85.5
9	Res - Water Heater Tank Insulation	85.5
10	Res - Water Heater Cover	85.5
11	Res - Water Heater Jacket	85.5
12	Res - Water Heater Blanket	85.5
13	Res - Water Heater Insulation	85.5
14	Res - Water Heater Cover	85.5
15	Res - Water Heater Jacket	85.5
16	Res - Water Heater Blanket	85.5
17	Res - Water Heater Wrap	85.5
18	Res - Water Heater Insulation	85.5
19	Res - Water Heater Cover	85.5
20	Res - Water Heater Jacket	85.5
21	Res - Water Heater Blanket	85.5
22	Res - Water Heater Wrap	85.5
23	Res - Water Heater Insulation	85.5
24	Res - Water Heater Cover	85.5
25	Res - Water Heater Jacket	85.5
26	Res - Water Heater Blanket	85.5
27	Res - Water Heater Wrap	85.5
28	Res - Water Heater Insulation	85.5
29	Res - Water Heater Cover	85.5
30	Res - Water Heater Jacket	85.5
31	Res - Water Heater Blanket	85.5

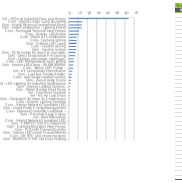


Rank	Measure	Cost-effective PAC
1	Com - High Efficiency Gas-fired Fryer Scale	98.9
2	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
3	Com - Chiller Air Cooled - Screw Compressor	86.8
4	Com - Wine Chiller Condensing Unit Parts	86.2
5	Com - Direct Evaporative Fan Motor	86.1
6	Com - Variable Speed Drive Chiller Compressor Motors	86.1
7	Com - Chiller Air Cooled - Screw Compressor	86.8
8	Com - Wine Chiller Condensing Unit Parts	86.2
9	Com - Direct Evaporative Fan Motor	86.1
10	Com - Variable Speed Drive Chiller Compressor Motors	86.1
11	Com - Chiller Air Cooled - Screw Compressor	86.8
12	Com - Wine Chiller Condensing Unit Parts	86.2
13	Com - Direct Evaporative Fan Motor	86.1
14	Com - Variable Speed Drive Chiller Compressor Motors	86.1
15	Com - Chiller Air Cooled - Screw Compressor	86.8
16	Com - Wine Chiller Condensing Unit Parts	86.2
17	Com - Direct Evaporative Fan Motor	86.1
18	Com - Variable Speed Drive Chiller Compressor Motors	86.1
19	Com - Chiller Air Cooled - Screw Compressor	86.8
20	Com - Wine Chiller Condensing Unit Parts	86.2
21	Com - Direct Evaporative Fan Motor	86.1
22	Com - Variable Speed Drive Chiller Compressor Motors	86.1
23	Com - Chiller Air Cooled - Screw Compressor	86.8
24	Com - Wine Chiller Condensing Unit Parts	86.2
25	Com - Direct Evaporative Fan Motor	86.1
26	Com - Variable Speed Drive Chiller Compressor Motors	86.1
27	Com - Chiller Air Cooled - Screw Compressor	86.8
28	Com - Wine Chiller Condensing Unit Parts	86.2
29	Com - Direct Evaporative Fan Motor	86.1
30	Com - Variable Speed Drive Chiller Compressor Motors	86.1
31	Com - Chiller Air Cooled - Screw Compressor	86.8

Rank	Measure	Cost-effective PAC
1	Ind - Ozone Laundry Cycle Timers	95.1
2	Ind - Ozone Laundry Cycle Timers	95.1
3	Ind - Ozone Laundry Cycle Timers	95.1
4	Ind - Ozone Laundry Cycle Timers	95.1
5	Ind - Ozone Laundry Cycle Timers	95.1
6	Ind - Ozone Laundry Cycle Timers	95.1
7	Ind - Ozone Laundry Cycle Timers	95.1
8	Ind - Ozone Laundry Cycle Timers	95.1
9	Ind - Ozone Laundry Cycle Timers	95.1
10	Ind - Ozone Laundry Cycle Timers	95.1
11	Ind - Ozone Laundry Cycle Timers	95.1
12	Ind - Ozone Laundry Cycle Timers	95.1
13	Ind - Ozone Laundry Cycle Timers	95.1
14	Ind - Ozone Laundry Cycle Timers	95.1
15	Ind - Ozone Laundry Cycle Timers	95.1
16	Ind - Ozone Laundry Cycle Timers	95.1
17	Ind - Ozone Laundry Cycle Timers	95.1
18	Ind - Ozone Laundry Cycle Timers	95.1
19	Ind - Ozone Laundry Cycle Timers	95.1
20	Ind - Ozone Laundry Cycle Timers	95.1
21	Ind - Ozone Laundry Cycle Timers	95.1
22	Ind - Ozone Laundry Cycle Timers	95.1
23	Ind - Ozone Laundry Cycle Timers	95.1
24	Ind - Ozone Laundry Cycle Timers	95.1
25	Ind - Ozone Laundry Cycle Timers	95.1
26	Ind - Ozone Laundry Cycle Timers	95.1
27	Ind - Ozone Laundry Cycle Timers	95.1
28	Ind - Ozone Laundry Cycle Timers	95.1
29	Ind - Ozone Laundry Cycle Timers	95.1
30	Ind - Ozone Laundry Cycle Timers	95.1
31	Ind - Ozone Laundry Cycle Timers	95.1

Rank	Measure	Cost-effective PAC
1	Res - Gas Water Heater Tank Wrap	96.7
2	Res - Gas Water Heater Insulation Jacket	95.1
3	Res - High Efficiency HEP Hood Pump Impeller	87.9
4	Res - Gas Water Heater Cover	86.3
5	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
6	Res - Water Heater Wrap	85.5
7	Res - Water Heater Pipe Wrap	85.5
8	Res - Water Heater Pipe Insulation	85.5
9	Res - Water Heater Tank Insulation	85.5
10	Res - Water Heater Cover	85.5
11	Res - Water Heater Jacket	85.5
12	Res - Water Heater Blanket	85.5
13	Res - Water Heater Insulation	85.5
14	Res - Water Heater Cover	85.5
15	Res - Water Heater Jacket	85.5
16	Res - Water Heater Blanket	85.5
17	Res - Water Heater Wrap	85.5
18	Res - Water Heater Insulation	85.5
19	Res - Water Heater Cover	85.5
20	Res - Water Heater Jacket	85.5
21	Res - Water Heater Blanket	85.5
22	Res - Water Heater Wrap	85.5
23	Res - Water Heater Insulation	85.5
24	Res - Water Heater Cover	85.5
25	Res - Water Heater Jacket	85.5
26	Res - Water Heater Blanket	85.5
27	Res - Water Heater Wrap	85.5
28	Res - Water Heater Insulation	85.5
29	Res - Water Heater Cover	85.5
30	Res - Water Heater Jacket	85.5
31	Res - Water Heater Blanket	85.5

Rank	Measure	Cost-effective PAC
1	Com - High Efficiency Gas-fired Fryer Scale	98.9
2	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
3	Com - Chiller Air Cooled - Screw Compressor	86.8
4	Com - Wine Chiller Condensing Unit Parts	86.2
5	Com - Direct Evaporative Fan Motor	86.1
6	Com - Variable Speed Drive Chiller Compressor Motors	86.1
7	Com - Chiller Air Cooled - Screw Compressor	86.8
8	Com - Wine Chiller Condensing Unit Parts	86.2
9	Com - Direct Evaporative Fan Motor	86.1
10	Com - Variable Speed Drive Chiller Compressor Motors	86.1
11	Com - Chiller Air Cooled - Screw Compressor	86.8
12	Com - Wine Chiller Condensing Unit Parts	86.2
13	Com - Direct Evaporative Fan Motor	86.1
14	Com - Variable Speed Drive Chiller Compressor Motors	86.1
15	Com - Chiller Air Cooled - Screw Compressor	86.8
16	Com - Wine Chiller Condensing Unit Parts	86.2
17	Com - Direct Evaporative Fan Motor	86.1
18	Com - Variable Speed Drive Chiller Compressor Motors	86.1
19	Com - Chiller Air Cooled - Screw Compressor	86.8
20	Com - Wine Chiller Condensing Unit Parts	86.2
21	Com - Direct Evaporative Fan Motor	86.1
22	Com - Variable Speed Drive Chiller Compressor Motors	86.1
23	Com - Chiller Air Cooled - Screw Compressor	86.8
24	Com - Wine Chiller Condensing Unit Parts	86.2
25	Com - Direct Evaporative Fan Motor	86.1
26	Com - Variable Speed Drive Chiller Compressor Motors	86.1
27	Com - Chiller Air Cooled - Screw Compressor	86.8
28	Com - Wine Chiller Condensing Unit Parts	86.2
29	Com - Direct Evaporative Fan Motor	86.1
30	Com - Variable Speed Drive Chiller Compressor Motors	86.1
31	Com - Chiller Air Cooled - Screw Compressor	86.8



Rank	Measure	Cost-effective PAC
1	Com - Wine Chiller Condensing Unit Parts	86.2
2	Com - Direct Evaporative Fan Motor	86.1
3	Com - Variable Speed Drive Chiller Compressor Motors	86.1
4	Com - Chiller Air Cooled - Screw Compressor	86.8
5	Com - Wine Chiller Condensing Unit Parts	86.2
6	Com - Direct Evaporative Fan Motor	86.1
7	Com - Variable Speed Drive Chiller Compressor Motors	86.1
8	Com - Chiller Air Cooled - Screw Compressor	86.8
9	Com - Wine Chiller Condensing Unit Parts	86.2
10	Com - Direct Evaporative Fan Motor	86.1
11	Com - Variable Speed Drive Chiller Compressor Motors	86.1
12	Com - Chiller Air Cooled - Screw Compressor	86.8
13	Com - Wine Chiller Condensing Unit Parts	86.2
14	Com - Direct Evaporative Fan Motor	86.1
15	Com - Variable Speed Drive Chiller Compressor Motors	86.1
16	Com - Chiller Air Cooled - Screw Compressor	86.8
17	Com - Wine Chiller Condensing Unit Parts	86.2
18	Com - Direct Evaporative Fan Motor	86.1
19	Com - Variable Speed Drive Chiller Compressor Motors	86.1
20	Com - Chiller Air Cooled - Screw Compressor	86.8
21	Com - Wine Chiller Condensing Unit Parts	86.2
22	Com - Direct Evaporative Fan Motor	86.1
23	Com - Variable Speed Drive Chiller Compressor Motors	86.1
24	Com - Chiller Air Cooled - Screw Compressor	86.8
25	Com - Wine Chiller Condensing Unit Parts	86.2
26	Com - Direct Evaporative Fan Motor	86.1
27	Com - Variable Speed Drive Chiller Compressor Motors	86.1
28	Com - Chiller Air Cooled - Screw Compressor	86.8
29	Com - Wine Chiller Condensing Unit Parts	86.2
30	Com - Direct Evaporative Fan Motor	86.1
31	Com - Variable Speed Drive Chiller Compressor Motors	86.1

Rank	Measure	Cost-effective PAC
1	Ind - VFD on Industrial Fans and Pumps	98.9
2	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
3	Com - High Efficiency Gas-fired Fryer Scale	98.9
4	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
5	Com - Chiller Air Cooled - Screw Compressor	86.8
6	Com - Wine Chiller Condensing Unit Parts	86.2
7	Com - Direct Evaporative Fan Motor	86.1
8	Com - Variable Speed Drive Chiller Compressor Motors	86.1
9	Com - Chiller Air Cooled - Screw Compressor	86.8
10	Com - Wine Chiller Condensing Unit Parts	86.2
11	Com - Direct Evaporative Fan Motor	86.1
12	Com - Variable Speed Drive Chiller Compressor Motors	86.1
13	Com - Chiller Air Cooled - Screw Compressor	86.8
14	Com - Wine Chiller Condensing Unit Parts	86.2
15	Com - Direct Evaporative Fan Motor	86.1
16	Com - Variable Speed Drive Chiller Compressor Motors	86.1
17	Com - Chiller Air Cooled - Screw Compressor	86.8
18	Com - Wine Chiller Condensing Unit Parts	86.2
19	Com - Direct Evaporative Fan Motor	86.1
20	Com - Variable Speed Drive Chiller Compressor Motors	86.1
21	Com - Chiller Air Cooled - Screw Compressor	86.8
22	Com - Wine Chiller Condensing Unit Parts	86.2
23	Com - Direct Evaporative Fan Motor	86.1
24	Com - Variable Speed Drive Chiller Compressor Motors	86.1
25	Com - Chiller Air Cooled - Screw Compressor	86.8
26	Com - Wine Chiller Condensing Unit Parts	86.2
27	Com - Direct Evaporative Fan Motor	86.1
28	Com - Variable Speed Drive Chiller Compressor Motors	86.1
29	Com - Chiller Air Cooled - Screw Compressor	86.8
30	Com - Wine Chiller Condensing Unit Parts	86.2
31	Com - Direct Evaporative Fan Motor	86.1

Rank	Measure	Cost-effective PAC
1	Res - Credit and Offered Pump Capacity Indexation Verification ZUP	85.9
2	Com - High Efficiency Gas-fired Fryer Scale	98.9
3	Res - LED Lamps Outside Per Ann Lamps Including A, Lamps, Specialty Lamp	85.4
4	Res - Credit and Offered Pump Quality Indexation Verification ZUP	85.4
5	Res - Credit and Offered Pump Length Indexation Verification ZUP	85.4
6	Res - Infiltration Reduction	85.4
7	Res - ENERGY STAR Windows	85.4
8	Res - Duct Sealing	85.4
9	Res - Low-flow Showerheads	85.4
10	Res - Water Heater Wrap	85.4
11	Res - Evaporative Mini Split Heat Pump	85.4
12	Res - Water Heater Pipe Insulation	85.4
13	Res - Low-flow Faucet Aerator	85.4
14	Res - Occupancy Sensors On MF common or apu	85.4
15	Res - Water Heater Tank	85.4
16	Res - High E Removal Diff Equipment >17 SEI	85.4
17	Res - LED Lamps Outside Per Ann Lamps Including Specialty Lamp	85.4
18	Res - Gas EFficient Furnace	85.4
19	Res - Water Heater Cover	85.4
20	Res - Water Heater Pipe	85.4
21	Res - Advanced Power Strips	85.4
22	Res - Water Heater Jacket	85.4
23	Res - Controls Thermostat Timer	85.4
24	Res - Comfort Level Efficient Fan Motor (ECM) - MF Units	85.4
25	Res - Water Heater Blanket	85.4
26	Res - Efficient Storage and Tankless Water Heaters	85.4
27	Res - Water Heater Insulation	85.4
28	Res - ENERGY STAR Refrigerator	85.4
29	Res - Duct Insulation	85.4
30	Res - Food Pump Motor Hook	85.4
31	Res - High E Removal Diff Equipment >17 SEI	85.4
32	Res - Water Heater Insulation Jacket	85.4
33	Res - Efficient Storage and Tankless Water Heaters	85.4
34	Res - Water Heater Cover	85.4
35	Res - Water Heater Jacket	85.4
36	Res - Water Heater Blanket	85.4
37	Res - Low-volume/dry - ready for standard appliance	85.4
38	Res - Water Heater Wrap	85.4
39	Res - Water Heater Insulation	85.4
40	Res - Water Heater Cover	85.4
41	Res - Water Heater Jacket	85.4
42	Res - Water Heater Blanket	85.4
43	Res - Water Heater Wrap	85.4
44	Res - Water Heater Insulation	85.4
45	Res - Water Heater Cover	85.4
46	Res - Water Heater Jacket	85.4
47	Res - Water Heater Blanket	85.4

Rank	Measure	Cost-effective PAC
1	Res - LED Lamps Outside Per Ann Lamps Including A, Lamps, Specialty Lamp	85.4
2	Com - High Efficiency Gas-fired Fryer Scale	98.9
3	Com - Chiller Air Cooled - Centrifugal Compressor	87.0
4	Com - Chiller Air Cooled - Screw Compressor	86.8
5	Com - Wine Chiller Condensing Unit Parts	86.2
6	Com - Direct Evaporative Fan Motor	86.1
7	Com - Variable Speed Drive Chiller Compressor Motors	86.1
8	Com - Chiller Air Cooled - Screw Compressor	86.8
9	Com - Wine Chiller Condensing Unit Parts	86.2
10	Com - Direct Evaporative Fan Motor	86.1
11	Com - Variable Speed Drive Chiller Compressor Motors	86.1
12	Com - Chiller Air Cooled - Screw Compressor	86.8
13	Com - Wine Chiller Condensing Unit Parts	86.2
14	Com - Direct Evaporative Fan Motor	86.1
15	Com - Variable Speed Drive Chiller Compressor Motors	86.1
16	Com - Chiller Air Cooled - Screw Compressor	86.8
17	Com - Wine Chiller Condensing Unit Parts	86.2
18	Com - Direct Evaporative Fan Motor	86.1
19	Com - Variable Speed Drive Chiller Compressor Motors	86.1
20	Com - Chiller Air Cooled - Screw Compressor	86.8
21	Com - Wine Chiller Condensing Unit Parts	86.2
22	Com - Direct Evaporative Fan Motor	86.1
23	Com - Variable Speed Drive Chiller Compressor Motors	86.1
24	Com - Chiller Air Cooled - Screw Compressor	86.8
25	Com - Wine Chiller Condensing Unit Parts	86.2
26	Com - Direct Evaporative Fan Motor	86.1
27	Com - Variable Speed Drive Chiller Compressor Motors	86.1
28	Com - Chiller Air Cooled - Screw Compressor	86.8
29	Com - Wine Chiller Condensing Unit Parts	86.2
30	Com - Direct Evaporative Fan Motor	86.1
31	Com - Variable Speed Drive Chiller Compressor Motors	86.1

Rate Schedule Energy Audits Measure Detail and Costs (Year 1 - Year 3)

	Measure	Cost value (Cost 1) ($/MTh)	Cost value (Cost 2) ($/MTh)	Cumulative Measure Life (Year 1) (GWh Saved)
1	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne at (GWh)	$ 0.00	$ 0.00	3.10.00000 00
2	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne t (GWh)	$ 0.00	$ 0.00	3.10.00000 00
3	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
4	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
5	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
6	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
7	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
8	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
9	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
10	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Single F and Low income (Kw) (GWh)	$ 0.00	$ 0.00	10.4 0.0000 00
11	Co on - Pr ess on Spay v ie ta ble (REF C) (Health) Kw (GWh)	$ 0.00	$ 0.00	191.0001 79
12	Co on - Pr ess on Spay v ie ta ble (REF C) (Health) Ne at (GWh)	$ 0.00	$ 0.00	191.0001 79
13	Co on - Pr ess on Spay v ie ta ble (REF C) (Cottage) Kw at (GWh)	$ 0.00	$ 0.00	191.0001 79
14	Co on - Pr ess on Spay v ie ta ble (REF C) (Cottage) Ne at (GWh)	$ 0.00	$ 0.00	191.0001 79
15	Co on - Pr ess on Spay v ie ta ble (REF C) (Dise ase) Kw at (GWh)	$ 0.00	$ 0.00	191.0001 79
16	Co on - Pr ess on Spay v ie ta ble (REF C) (Lod ging) Kw (GPS)	$ 0.00	$ 0.00	191.0000 00
17	W-S Rite Ab Lass Dr (ab (REF C)) Ag ricultu re (Kw) (GPS)	$ 0.00	$ 0.00	191.0000 00
18	Co on - Pr ess on Spay v ie ta ble (REF C) (Dise ase) Ne at (GPS)	$ 0.00	$ 0.00	191.0000 00
19	Co on - Pr ess on Spay v ie ta ble (REF C) (Dise ase) Ne t (GPS)	$ 0.00	$ 0.00	191.0000 00
20	Co on - Pr ess on Spay v ie ta ble (REF C) (Dise ase) (Ne t) (GPS)	$ 0.00	$ 0.00	192.1000 00
21	Co on - Ex ha ust Grant Fan and Ate (REF C) (Lod ging) Kw (GPS)	$ 0.00	$ 0.00	192.1000 00
22	Co on - Ex ha ust Grant Fan and Ate (REF C) (Lod ging) Ne t (GPS)	$ 0.00	$ 0.00	192.1000 00
23	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Kw at (GPS)	$ 0.00	$ 0.00	192.1000 00
24	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Ne at (GPS)	$ 0.00	$ 0.00	192.1000 00
25	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Ne t (GPS)	$ 0.00	$ 0.00	192.1000 00
26	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) (Ne t) (GPS)	$ 0.00	$ 0.00	192.1000 00
27	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Kw at (GPS)	$ 0.00	$ 0.00	192.1000 00
28	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Ne at (GPS)	$ 0.00	$ 0.00	192.1000 00
29	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) Ne t (GPS)	$ 0.00	$ 0.00	192.1000 00
30	Co on - Ex ha ust Grant Fan and Ate (REF C) (Cottage) (Ne t) (GPS)	$ 0.00	$ 0.00	192.1000 00
31	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb ed ds clos e) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
32	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb ed ds clos e) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
33	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
34	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
35	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
36	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
37	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
38	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
39	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
40	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
41	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ed ds clos e) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
42	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ed ds clos e) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
43	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ul Fa mily Lo w Income) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
44	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ul Fa mily Lo w Income) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
45	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Cottage) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
46	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Cottage) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
47	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
48	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	201.0000 00
49	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Health) (Kw) (GPS)	$ 0.00	$ 0.00	201.0000 00
50	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Health) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 79
51	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
52	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
53	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
54	Co on - ENERGY STAR Com me rcial Dishwa sher (NEW) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
55	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Cottage) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
56	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Cottage) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
57	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Health) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
58	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Health) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
59	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
60	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
61	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
62	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
63	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Other) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
64	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Other) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
65	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
66	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
67	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_School) (Kw) (GPS)	$ 0.00	$ 0.00	201.7000 00
68	Co on - An S Grand Ha ster Zb (ab (REF C)) (C_School) (Ne t) (GPS)	$ 0.00	$ 0.00	201.7000 00
69	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Wa ste wa ter) (Kw) (GPS)	$ 0.00	$ 0.00	203.8 79.07 00
70	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Wa ste wa ter) (Ne t) (GPS)	$ 0.00	$ 0.00	203.8 79.07 00
71	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho use) (Kw) (GPS)	$ 0.00	$ 0.00	205.8 00.07 00
72	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho use) (Ne t) (GPS)	$ 0.00	$ 0.00	205.8 00.07 00
73	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho use) (Kw) (GPS)	$ 0.00	$ 0.00	205.8 00.07 00
74	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho use) (Ne t) (GPS)	$ 0.00	$ 0.00	205.8 00.07 00
75	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Office) (Kw) (GPS)	$ 0.00	$ 0.00	242.1 79.99 00
76	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Office) (Ne t) (GPS)	$ 0.00	$ 0.00	242.1 79.99 00
77	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho ttb) (Kw) (GPS)	$ 0.00	$ 0.00	243.0 00.49 00
78	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Ho ttb) (Ne t) (GPS)	$ 0.00	$ 0.00	243.0 79.07 00
79	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Co wing) (Kw) (GPS)	$ 0.00	$ 0.00	243.0 79.07 00
80	Co on - ECM mot ors fo r ex ho ust and ai r cu ler s and heat ra (REF C) (Co wing) (Ne t) (GPS)	$ 0.00	$ 0.00	243.0 79.07 00
81	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	245.9000 00
82	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	245.9000 00
83	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	245.9000 00
84	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	245.9000 00
85	Rite a Low-flow Sho wers ea ble - 100% Applica ble (NEW) (R_Mu ltiFa mily Low Income) (Kw) (GPS)	$ 0.00	$ 0.00	252.0000 47
86	Co on - Sa ter ion L ED L amp (NEW) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	252.0000 47
87	Co on - Sa ter ion L ED L amp (NEW) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	252.7000 79
88	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	252.9000 00
89	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	252.9000 00
90	Co on - Sa ter ion L ED L amp (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	254.0000 00
91	Co on - Sa ter ion L ED L amp (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	254.0000 00
92	Co on - Sa ter ion L ED L amp (NEW) (C_School) (Kw) (GPS)	$ 0.00	$ 0.00	254.0000 00
93	Co on - Sa ter ion L ED L amp (NEW) (C_School) (Ne t) (GPS)	$ 0.00	$ 0.00	254.0000 00
94	Co on - Sa ter ion L ED L amp (NEW) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	254.0000 00
95	Co on - Sa ter ion L ED L amp (NEW) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	254.0000 00
96	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Kw (GPS)	$ 0.00	$ 0.00	254.0000 00
97	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne t (GPS)	$ 0.00	$ 0.00	254.0000 00
98	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) (Kw) (GPS)	$ 0.00	$ 0.00	254.0000 00
99	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) (Ne t) (GPS)	$ 0.00	$ 0.00	254.0000 00
100	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) (Kw) (GPS)	$ 0.00	$ 0.00	254.0000 00
101	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) (Ne t) (GPS)	$ 0.00	$ 0.00	254.0000 00
102	Co on - Sa ter ion L ED L amp (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	255.9000 00
103	Co on - Sa ter ion L ED L amp (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	255.9000 00
104	Co on - Sa ter ion L ED L amp (NEW) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	255.9000 00
105	Co on - Sa ter ion L ED L amp (NEW) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	255.9000 00
106	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Kw (GPS)	$ 0.00	$ 0.00	256.9000 00
107	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne t (GPS)	$ 0.00	$ 0.00	256.9000 00
108	Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	256.9000 00
109	Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	256.9000 00
110	Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	256.9000 00
111	Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	256.9000 00
112	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
113	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
114	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Other) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
115	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Other) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
116	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
117	Co on - Pa ckaged Te rmina l Ac Condito ners (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
118	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
119	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
120	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
121	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
122	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Health) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
123	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Health) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
124	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
125	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
126	W-S Rite Ab (ab (REF C)) Ag ricultu re (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
127	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Kw (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
128	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne t (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
129	W-S Rite Ab (ab (REF C)) Ag ricultu re (Kw) (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
130	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Kw (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
131	Rite a Grant-eligible Costing - 1 100% dig-ablutable (NEW) (R_Mec elect cost) Ne t (GPS)	$ 0.00	$ 0.00	267.1 79.69 00
132	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ed ds clos e) (Kw) (GPS)	$ 0.00	$ 0.00	413.1000 00
133	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ed ds clos e) (Ne t) (GPS)	$ 0.00	$ 0.00	413.1000 00
134	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ul Fa mily Lo w Income) (Kw) (GPS)	$ 0.00	$ 0.00	413.1000 00
135	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. M ul Fa mily Lo w Income) (Ne t) (GPS)	$ 0.00	$ 0.00	413.1000 00
136	Co on - Sa ter ion L ED L amp (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	413.1000 00
137	Co on - Sa ter ion L ED L amp (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	413.1000 00
138	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Kw) (GPS)	$ 0.00	$ 0.00	413.1000 00
139	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Mb Fa ns Up Low income) (Ne t) (GPS)	$ 0.00	$ 0.00	413.1000 00
140	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Eng Ha ndy) (Kw) (GPS)	$ 0.00	$ 0.00	413.1000 00
141	Rite a Prog ram ma ble Ne tw ork (Supe r Ne tw ork) (REF C) (REF C) (M. Eng Ha ndy) (Ne t) (GPS)	$ 0.00	$ 0.00	413.1000 00
142	Co on - Ex ha ust Grant Fan and Ate (REF C) (Health) (Kw) (GPS)	$ 0.00	$ 0.00	424.0000 00
143	Co on - Ex ha ust Grant Fan and Ate (REF C) (Health) (Ne t) (GPS)	$ 0.00	$ 0.00	424.0000 00
144	Co on - Ex ha ust Grant Fan and Ate (REF C) (Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	424.0000 00
145	Co on - Ex ha ust Grant Fan and Ate (REF C) (Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	424.0000 00
146	Co on - Ex ha ust Grant Fan and Ate (REF C) (Pa ckaged) (Kw) (GPS)	$ 0.00	$ 0.00	424.0000 00
147	Co on - Ex ha ust Grant Fan and Ate (REF C) (Pa ckaged) (Ne t) (GPS)	$ 0.00	$ 0.00	424.0000 00
148	Co on - Sa ter ion L ED L amp (NEW) (C_Wate house) (Kw) (GPS)	$ 0.00	$ 0.00	424.0000 00
149	Co on - Sa ter ion L ED L amp (NEW) (C_Wate house) (Ne t) (GPS)	$ 0.00	$ 0.00	424.0000 00
150	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Off ice) (Kw) (GPS)	$ 0.00	$ 0.00	443.7 79.67 00
151	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Off ice) (Ne t) (GPS)	$ 0.00	$ 0.00	443.7 79.67 00
152	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	453.0000 21
153	Co on - Pa ckaged Te rmina l He at Pu mps (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	453.0000 21
154	Co on - Co ndo ms (NEW) (C_Wate house) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
155	Co on - Co ndo ms (NEW) (C_Wate house) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
156	Co on - Co ndo ms (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
157	Co on - Co ndo ms (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
158	Co on - Co ndo ms (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
159	Co on - Co ndo ms (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
160	Co on - Co ndo ms (NEW) (C_Lodg ing) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
161	Co on - Co ndo ms (NEW) (C_Lodg ing) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
162	Co on - Co ndo ms (NEW) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
163	Co on - Co ndo ms (NEW) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
164	Co on - Co ndo ms (NEW) (C_Other) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
165	Co on - Co ndo ms (NEW) (C_Other) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
166	Co on - Co ndo ms (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
167	Co on - Co ndo ms (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
168	Co on - Co ndo ms (NEW) (C_School) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
169	Co on - Co ndo ms (NEW) (C_School) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
170	Co on - Co ndo ms (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
171	Co on - Co ndo ms (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
172	Co on - Co ndo ms (NEW) (C_Health) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
173	Co on - Co ndo ms (NEW) (C_Health) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
174	Co on - Co ndo ms (NEW) (C_Lod ging) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
175	Co on - Co ndo ms (NEW) (C_Lod ging) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
176	Co on - Co ndo ms (NEW) (C_Office) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
177	Co on - Co ndo ms (NEW) (C_Office) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
178	Co on - Co ndo ms (NEW) (C_Other) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
179	Co on - Co ndo ms (NEW) (C_Other) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
180	Co on - Co ndo ms (NEW) (C_Retail) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
181	Co on - Co ndo ms (NEW) (C_Retail) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
182	Co on - Co ndo ms (NEW) (C_School) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
183	Co on - Co ndo ms (NEW) (C_School) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
184	Co on - Co ndo ms (NEW) (C_Gloce s) (Kw) (GPS)	$ 0.00	$ 0.00	496.0000 00
185	Co on - Co ndo ms (NEW) (C_Gloce s) (Ne t) (GPS)	$ 0.00	$ 0.00	496.0000 00
186	Co on - Co ndo ms (NEW) (C_Wate house) (Kw)

	Measure	Lpd-std (W/ft²)	Lpd-adj (W/ft²)	Cost-adj (ft-lb/ft²)
246	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_01
247	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
248	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
249	Ccs-m - Interior-Lighting Control - Occupancy Sensor	0.63	0.63	0.00_0000_00
250	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
251	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
252	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
253	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
254	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
255	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
256	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
257	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
258	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
259	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
260	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
261	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
262	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
263	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
264	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
265	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
266	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
267	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
268	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
269	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
270	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
271	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
272	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
273	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
274	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
275	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
276	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
277	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
278	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
279	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
280	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
281	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
282	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
283	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
284	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
285	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
286	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
287	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
288	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
289	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
290	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
291	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
292	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
293	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
294	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
295	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
296	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
297	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
298	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
299	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
300	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
301	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
302	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
303	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
304	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
305	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
306	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
307	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
308	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
309	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
310	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
311	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
312	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
313	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
314	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
315	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
316	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
317	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
318	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
319	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
320	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
321	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
322	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
323	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
324	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
325	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
326	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
327	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
328	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
329	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
330	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
331	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
332	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
333	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
334	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
335	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
336	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
337	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
338	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
339	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
340	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
341	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
342	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
343	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
344	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
345	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
346	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
347	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
348	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
349	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
350	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
351	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
352	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
353	Ccs-m - Interior-LED Ruler-s (Hel Ex-s)	0.63	0.63	0.00_0000_00
354	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
355	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
356	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
357	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
358	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
359	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
360	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
361	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
362	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
363	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
364	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
365	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
366	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
367	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
368	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
369	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
370	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
371	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
372	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
373	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
374	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
375	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
376	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
377	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
378	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
379	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
380	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
381	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
382	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
383	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
384	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
385	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
386	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
387	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
388	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
389	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
390	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
391	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
392	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
393	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
394	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
395	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
396	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
397	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
398	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
399	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
400	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
401	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
402	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
403	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
404	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
405	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
406	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
407	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
408	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
409	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
410	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
411	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
412	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
413	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
414	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
415	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
416	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
417	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
418	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
419	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
420	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
421	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
422	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
423	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
424	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
425	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
426	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
427	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
428	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
429	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
430	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
431	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
432	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
433	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
434	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
435	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
436	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
437	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
438	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
439	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
440	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
441	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
442	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
443	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
444	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
445	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
446	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
447	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
448	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
449	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
450	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
451	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
452	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
453	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
454	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
455	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
456	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
457	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
458	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
459	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
460	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
461	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
462	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
463	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
464	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
465	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
466	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
467	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
468	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
469	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
470	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
471	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
472	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
473	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
474	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
475	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
476	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
477	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
478	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
479	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
480	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
481	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00

	Measure	Lpd-std (W/ft²)	Lpd-adj (W/ft²)	Cost-adj (ft-lb/ft²)
246	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
247	Ccs-m - Room: Ab Condiths-new	0.63	0.63	0.00_0000_00
248	Ccs-m - Interior-LED Lamp - PARKBRAMPAL	0.63	0.63	0.00_0000_00
249	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
250	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
251	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
252	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
253	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
254	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
255	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
256	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
257	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
258	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
259	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
260	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
261	Rs-s - Group: Tr-tm-sm-sl - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
262	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
263	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
264	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
265	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
266	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
267	Rs-s - Lu-ex Fa-ced Ave-ent: 1 NEW	0.63	0.63	0.00_0000_00
268	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
269	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
270	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
271	Rs-s - Lu-ex LEDs - Space: Heating - EH + EC	0.63	0.63	0.00_0000_00
272	Ccs-m - Pa-shaped: Tee-mine (Hel Pum pin)	0.63	0.63	0.00_0000_00
273	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
274	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
275	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
276	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
277	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
278	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
279	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
280	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
281	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
282	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
283	Ccs-m - Interior-Lime Lamp (Installed Ing Ing & re-attach - low lap-two pin)	0.63	0.63	0.00_0000_00
284	Ccs-m - Interior-Lime Lamp (Installed Ing Ing &

	Measure	Low value of Cost (1 ASHP)	Costs table 4 (Pilot set of 2SHP) (year 1)
480	Rte.s. ENERGY STAR Windows - Space Heating - GH + EC	$ 0.00	753.0 $ 600.98
481	Rte.s. ENERGY STAR Windows - Space Heating - GH + EC	$ 0.00	753.0 $ 600.98
482	Rte.s. ENERGY STAR Windows - Space Heating - GH + EC	$ 0.00	753.0 $ 600.98
483	Rte.s. ENERGY STAR Windows - Space Heating - GH + EC	$ 0.00	753.0 $ 600.98
484	Rte.s. ENERGY STAR Windows - Space Heating - GH + EC	$ 0.00	753.0 $ 600.98
485	Rte.s. LED Rlp Ngal-sled Clare Lg Hdwg 1 HRT (C)	$ 0.00	74.7 $ 59.62
486	Rte.s. LED Rlp Ngal-sled Clare Lg Hdwg 1 HRT (C)	$ 0.00	74.7 $ 59.62
487	Ins.d.-Air Cs-rap-sauce Option (ac tion 1 RET 1)	$ 0.00	747 $ 596.72
488	Ins.d.-Air Cs-rap-sauce Option (ac tion 1 RET 1)	$ 0.00	747 $ 596.72
489	Ins.d.-Air Cs-rap-sauce Option (ac tion 1 RET 1)	$ 0.00	747 $ 596.72
490	Ins.d.-Air Cs-rap-sauce Option (ac tion 1 RET 1)	$ 0.00	747 $ 596.72
491	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
492	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
493	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
494	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
495	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
496	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
497	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
498	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
499	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
500	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
501	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
502	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
503	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
504	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
505	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
506	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
507	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
508	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
509	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	745 $ 595.14
510	Ins.n.-Solar sys. Lighting, Combs to (HRT 1), Other ehiss ed or (Lt Fixt)	$ 0.00	745 $ 595.14
511	Ins.n.-Inlets Lig Ring Co ntacts - occup ancy&c ptgh ce nsors - (RET 1), Other ehiss ed	$ 0.00	765 $ 600.66
512	Ins.n.-Inlets LED Fixtu re - Hig hMed ium Low Dep (RDB) (C), Other	$ 0.00	765 $ 600.66
513	Ins.n.-Inlets LED Fixtu re - Hig hMed ium Low Dep (RDB) (C), Other	$ 0.00	765 $ 600.66
514	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
515	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
516	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
517	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
518	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
519	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
520	Rte.s. LED Lamps (Gene ral Service Lam ps into dng A Lamp, lg sevs&fy Lamp s) - Spa ce Heat ing - SH + EC	$ 0.00	765 $ 600.66
521	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Multi Fam ily Low Income	$ 0.00	775 $ 609.42
522	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Multi Fam ily Low Income	$ 0.00	775 $ 609.42
523	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Multi Fam ily Low Income	$ 0.00	775 $ 609.42
524	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Multi Fam ily Low Income	$ 0.00	775 $ 609.42
525	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Single Fam ily Low Income	$ 0.00	775 $ 609.42
526	Rte.s. Ems ASHP Plug s - 100% Ap plicable (HRT 1) R. Single Fam ily Low Income	$ 0.00	775 $ 609.42
527	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
528	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
529	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
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687	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
688	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
689	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C. Flat bal	$ 0.00	765 $ 600.66
690	Ins.n.-Inlets LED Fixtu re - Hig hMe dium Low Dep (HRT 1) C

	Me ass m	Le ssh ed Co st ($ MWh)	Cum ula tive P ot ed ial (GW-year)
738	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Office) N o (SP5	$ 0.0 8	395, 3 0 0 1 4
739	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Office) N o (SP5	$ 0.0 8	395, 8 0 0 1 4
740	Co m - Ze ro E ne rg y Dw ell (RDS) C_Ceilings (N o (SP5	$ 0.0 8	396, 3 0 0 1 4
741	Co m - Ze ro E ne rg y Dw ell (RDS) C_Ceilings (N o (SP5	$ 0.0 8	396, 8 0 0 1 4
742	Co m - Ze ro E ne rg y Dw ell (RDS) C_Doors (N o (SP5	$ 0.0 8	397, 3 0 0 1 4
743	Co m - Ze ro E ne rg y Dw ell (RDS) C_Doors (N o (SP5	$ 0.0 8	397, 8 0 0 1 4
744	Co m - Ze ro E ne rg y Dw ell (RDS) C_Lighting (N o (SP5	$ 0.0 8	398, 3 0 0 1 4
745	Co m - Ze ro E ne rg y Dw ell (RDS) C_Lighting (N o (SP5	$ 0.0 8	398, 8 0 0 1 4
746	Co m - Ze ro E ne rg y Dw ell (RDS) C_Office (N o (SP5	$ 0.0 8	399, 3 0 0 1 4
747	Co m - Ze ro E ne rg y Dw ell (RDS) C_Office (N o (SP5	$ 0.0 8	399, 7 0 0 1 4
748	Co m - Ze ro E ne rg y Dw ell (RDS) C_Retail (N o (SP5	$ 0.0 8	400, 2 0 0 1 4
749	Co m - Ze ro E ne rg y Dw ell (RDS) C_Retail (N o (SP5	$ 0.0 8	400, 7 0 0 1 4
750	Co m - Ze ro E ne rg y Dw ell (RDS) C_Sch ool (N o (SP5	$ 0.0 8	401, 2 0 0 1 4
751	Co m - Ze ro E ne rg y Dw ell (RDS) C_Sch ool (N o (SP5	$ 0.0 8	401, 7 0 0 1 4
752	Co m - Ze ro E ne rg y Dw ell (RDS) C_Warehouse (N o (SP5	$ 0.0 8	402, 2 0 0 1 4
753	Co m - Ze ro E ne rg y Dw ell (RDS) C_Warehouse (N o (SP5	$ 0.0 8	402, 7 0 0 1 4
754	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Retail (N o (SP5	$ 0.0 8	403, 2 0 0 1 4
755	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Retail (N o (SP5	$ 0.0 8	403, 7 0 0 1 4
756	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Retail (N o (SP5	$ 0.0 8	404, 2 0 0 1 4
757	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Retail (N o (SP5	$ 0.0 8	404, 7 0 0 1 4
758	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Sch ool (N o (SP5	$ 0.0 8	405, 2 0 0 1 4
759	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Sch ool (N o (SP5	$ 0.0 8	405, 7 0 0 1 4
760	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Warehouse (N o (SP5	$ 0.0 8	406, 2 0 0 1 4
761	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Warehouse (N o (SP5	$ 0.0 8	406, 7 0 0 1 4
762	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Warehouse (N o (SP5	$ 0.0 8	407, 2 0 0 1 4
763	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Warehouse (N o (SP5	$ 0.0 8	407, 7 0 0 1 4
764	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Office (N o (SP5	$ 0.0 8	408, 2 0 0 1 4
765	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Office (N o (SP5	$ 0.0 8	408, 7 0 0 1 4
766	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Hotel (N o (SP5	$ 0.0 8	409, 2 0 0 1 4
767	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Hotel (N o (SP5	$ 0.0 8	409, 7 0 0 1 4
768	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Hospital (N o (SP5	$ 0.0 8	410, 2 0 0 1 4
769	Co m - Ch eck E ncr ypt ion Pre C oding (RDS) C_Hospital (N o (SP5	$ 0.0 8	410, 7 0 0 1 4
770	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	411, 2 0 0 1 4
771	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	411, 7 0 0 1 4
772	Co m - Interio r Lig ting Co ntrols - occup ancy/de ylight se nsor (RDS) C_Ceilings (N o (SP5	$ 0.0 8	412, 2 0 0 1 4
773	Co m - Interio r Lig ting Co ntrols - occup ancy/de ylight se nsor (RDS) C_Ceilings (N o (SP5	$ 0.0 8	412, 7 0 0 1 4
774	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Restau rant (N o (SP5	$ 0.0 8	413, 2 0 0 1 4
775	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Restau rant (N o (SP5	$ 0.0 8	413, 7 0 0 1 4
776	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	414, 2 0 0 1 4
777	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	414, 7 0 0 1 4
778	Co m - Interio r Lig ting Co ntrols - occup ancy/de ylight se nsor (RDS) C_Retail (N o (SP5	$ 0.0 8	415, 2 0 0 1 4
779	Co m - Re ctaged Te rmina l Air Co ndito ners (RET) C_Sch ool (N o (SP5	$ 0.0 8	415, 7 0 0 1 4
780	Co m - Re ctaged Te rmina l Air Co ndito ners (RET) C_Sch ool (N o (SP5	$ 0.0 8	416, 2 0 0 1 4
781	Co m - Ve nding Ma chin e Co ntrols (RET) C_Office (N o (SP5	$ 0.0 8	416, 7 0 0 1 4
782	Co m - Ve nding Ma chin e Co ntrols (RET) C_Office (N o (SP5	$ 0.0 8	417, 2 0 0 1 4
783	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Hea th (N o (SP5	$ 0.0 8	417, 7 0 0 1 4
784	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (RDS) C_Hea th (N o (SP5	$ 0.0 8	418, 2 0 0 1 4
785	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Ceilings (N o (SP5	$ 0.0 8	418, 7 0 0 1 4
786	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Ceilings (N o (SP5	$ 0.0 8	419, 2 0 0 1 4
787	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	419, 7 0 0 1 4
788	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Restau rant (N o (SP5	$ 0.0 8	420, 2 0 0 1 4
789	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Lighting (N o (SP5	$ 0.0 8	420, 7 0 0 1 4
790	Co m - Interio r Heatea & Coo n Lead LED Fixtures ≤ 14W (IC_Lighting (N o (SP5	$ 0.0 8	421, 2 0 0 1 4
791	Co m - Interio r Lig ting Co ntrols - occup ancy/de ylight se nsor (RET) C_Lighting (N o (SP5	$ 0.0 8	421, 7 0 0 1 4
792	Co m - Interio r Lig ting Co ntrols - occup ancy/de ylight se nsor (RET) C_Lighting (N o (SP5	$ 0.0 8	422, 2 0 0 1 4
793	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Lighting (N o (SP5	$ 0.0 8	422, 7 0 0 1 4
794	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Lighting (N o (SP5	$ 0.0 8	423, 2 0 0 1 4
795	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Office (N o (SP5	$ 0.0 8	423, 7 0 0 1 4
796	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Office (N o (SP5	$ 0.0 8	424, 2 0 0 1 4
797	Co m - Ve nding Ma chin e Co ntrols (RET) C_Ca fe (N o (SP5	$ 0.0 8	424, 7 0 0 1 4
798	Co m - Hea t Pu mp W ate r Hea te r - 105% dy ele ctric (NEW) C_Sit dow n Res (SP5	$ 0.0 8	425, 2 0 0 1 4
799	Co m - Hea t Pu mp W ate r Hea te r - 105% dy ele ctric (NEW) C_Sit dow n Res (SP5	$ 0.0 8	425, 7 0 0 1 4
800	Co m - Hea t Pu mp W ate r Hea te r - 105% dy ele ctric (RDS) C_Sit dow n Res (SP5	$ 0.0 8	426, 2 0 0 1 4
801	Co m - Hea t Pu mp W ate r Hea te r - 105% dy ele ctric (RDS) C_Sit dow n Res (SP5	$ 0.0 8	426, 7 0 0 1 4
802	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Retail (N o (SP5	$ 0.0 8	427, 2 0 0 1 4
803	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Retail (N o (SP5	$ 0.0 8	427, 7 0 0 1 4
804	Co m - Interio r Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Hea th (N o (SP5	$ 0.0 8	428, 2 0 0 1 4
805	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ed ia clos e (X cel (SP5	$ 0.0 8	428, 7 0 0 1 4
806	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ed ia clos e (X cel (SP5	$ 0.0 8	429, 2 0 0 1 4
807	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Clos ets (X cel (SP5	$ 0.0 8	429, 7 0 0 1 4
808	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Clos ets (X cel (SP5	$ 0.0 8	430, 2 0 0 1 4
809	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Ca fe (N o (SP5	$ 0.0 8	430, 7 0 0 1 4
810	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Ca fe (N o (SP5	$ 0.0 8	431, 2 0 0 1 4
811	Co m - Wa ter S ave rs - Hea t Pu mp s (RDS) C_Sit dow n (X cel (SP5	$ 0.0 8	431, 7 0 0 1 4
812	Co m - Wa ter S ave rs - Hea t Pu mp s (RDS) C_Sit dow n (X cel (SP5	$ 0.0 8	432, 2 0 0 1 4
813	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Ca tering (X cel (SP5	$ 0.0 8	432, 7 0 0 1 4
814	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Ca tering (X cel (SP5	$ 0.0 8	433, 2 0 0 1 4
815	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Hea th (X cel (SP5	$ 0.0 8	433, 7 0 0 1 4
816	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Hea th (X cel (SP5	$ 0.0 8	434, 2 0 0 1 4
817	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Lig ging (X cel (SP5	$ 0.0 8	434, 7 0 0 1 4
818	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Lig ging (X cel (SP5	$ 0.0 8	435, 2 0 0 1 4
819	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Retai (X cel (SP5	$ 0.0 8	435, 7 0 0 1 4
820	Co m - Clea ng Co ntrol - Co nt rol Va lve S ola tion - Com me rcial Kit che ns (NEW) C_Retai (X cel (SP5	$ 0.0 8	436, 2 0 0 1 4
821	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	436, 7 0 0 1 4
822	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	437, 2 0 0 1 4
823	In d - Air c omp ressor VFD (RET) C_M ang ER & Ga s Ba ttle (N o (SP5	$ 0.0 8	437, 7 0 0 1 4
824	In d - Air c omp ressor VFD (RET) C_M ang ER & Ga s Ba ttle (N o (SP5	$ 0.0 8	438, 2 0 0 1 4
825	In d - Air c omp ressor VFD (RET) C_M ed ical & Lab ora tory (SP5	$ 0.0 8	438, 7 0 0 1 4
826	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ed ia clos e (X cel (SP5	$ 0.0 8	439, 2 0 0 1 4
827	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ed ia clos e (X cel (SP5	$ 0.0 8	439, 7 0 0 1 4
828	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ulti Pa rts Lo ve (X cel (SP5	$ 0.0 8	440, 2 0 0 1 4
829	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_M ulti Pa rts Lo ve (X cel (SP5	$ 0.0 8	440, 7 0 0 1 4
830	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_Sin gle Fa mi ly Lo ve (X cel (SP5	$ 0.0 8	441, 2 0 0 1 4
831	Co m - Ceiling Insula tion - Sp ace He ati ng - GH + EC (RET) R_Sin gle Fa mi ly Lo ve (X cel (SP5	$ 0.0 8	441, 7 0 0 1 4
832	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Wa ter (N o (SP5	$ 0.0 8	442, 2 0 0 1 4
833	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Wa ter (N o (SP5	$ 0.0 8	442, 7 0 0 1 4
834	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Restau rant (N o (SP5	$ 0.0 8	443, 2 0 0 1 4
835	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Restau rant (N o (SP5	$ 0.0 8	443, 7 0 0 1 4
836	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Clos ets (N o (SP5	$ 0.0 8	444, 2 0 0 1 4
837	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Clos ets (N o (SP5	$ 0.0 8	444, 7 0 0 1 4
838	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Ca fe (N o (SP5	$ 0.0 8	445, 2 0 0 1 4
839	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Ca fe (N o (SP5	$ 0.0 8	445, 7 0 0 1 4
840	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Ceilings (N o (SP5	$ 0.0 8	446, 2 0 0 1 4
841	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Ceilings (N o (SP5	$ 0.0 8	446, 7 0 0 1 4
842	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (RDS) C_Ceilings (N o (SP5	$ 0.0 8	447, 2 0 0 1 4
843	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (RDS) C_Ceilings (N o (SP5	$ 0.0 8	447, 7 0 0 1 4
844	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Ca fe (N o (SP5	$ 0.0 8	448, 2 0 0 1 4
845	Co m - LED Ne ign ated Cas es Lig hting (NBR) C_Ca fe (N o (SP5	$ 0.0 8	448, 7 0 0 1 4
846	Co m - Ve nding Ma chin e Co ntrols (RET) C_Ca fe (N o (SP5	$ 0.0 8	449, 2 0 0 1 4
847	Co m - Ve nding Ma chin e Co ntrols (RET) C_Ca fe (N o (SP5	$ 0.0 8	449, 7 0 0 1 4
848	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	450, 2 0 0 1 4
849	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	450, 7 0 0 1 4
850	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	451, 2 0 0 1 4
851	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	451, 7 0 0 1 4
852	Co m - Ze ro E ne rg y Dw ell (RDS) C_Wa ter (N o (SP5	$ 0.0 8	452, 2 0 0 1 4
853	Co m - Ze ro E ne rg y Dw ell (RDS) C_Wa ter (N o (SP5	$ 0.0 8	452, 7 0 0 1 4
854	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	453, 2 0 0 1 4
855	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	453, 7 0 0 1 4
856	Co m - Ze ro E ne rg y Dw ell (RDS) C_Wa ter (N o (SP5	$ 0.0 8	454, 2 0 0 1 4
857	Co m - Ze ro E ne rg y Dw ell (RDS) C_Wa ter (N o (SP5	$ 0.0 8	454, 7 0 0 1 4
858	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	455, 2 0 0 1 4
859	Co m - Ch eck E ncr ypt ion Pre C oding (NBR) C_Wa ter (N o (SP5	$ 0.0 8	455, 7 0 0 1 4
860	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Office (N o (SP5	$ 0.0 8	456, 2 0 0 1 4
861	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Office (N o (SP5	$ 0.0 8	456, 7 0 0 1 4
862	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Sch ool (N o (SP5	$ 0.0 8	457, 2 0 0 1 4
863	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RDS) C_Sch ool (N o (SP5	$ 0.0 8	457, 7 0 0 1 4
864	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Lig ging (N o (SP5	$ 0.0 8	458, 2 0 0 1 4
865	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RDS) C_Lig ging (N o (SP5	$ 0.0 8	458, 7 0 0 1 4
866	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Office (N o (SP5	$ 0.0 8	459, 2 0 0 1 4
867	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Office (N o (SP5	$ 0.0 8	459, 7 0 0 1 4
868	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Sch ool (N o (SP5	$ 0.0 8	460, 2 0 0 1 4
869	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Sch ool (N o (SP5	$ 0.0 8	460, 7 0 0 1 4
870	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hotel (N o (SP5	$ 0.0 8	461, 2 0 0 1 4
871	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hotel (N o (SP5	$ 0.0 8	461, 7 0 0 1 4
872	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hospital (N o (SP5	$ 0.0 8	462, 2 0 0 1 4
873	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hospital (N o (SP5	$ 0.0 8	462, 7 0 0 1 4
874	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Retail (N o (SP5	$ 0.0 8	463, 2 0 0 1 4
875	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Retail (N o (SP5	$ 0.0 8	463, 7 0 0 1 4
876	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Restau rant (N o (SP5	$ 0.0 8	464, 2 0 0 1 4
877	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Restau rant (N o (SP5	$ 0.0 8	464, 7 0 0 1 4
878	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Sch ool (N o (SP5	$ 0.0 8	465, 2 0 0 1 4
879	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Sch ool (N o (SP5	$ 0.0 8	465, 7 0 0 1 4
880	Co m - Ve nding Ma chin e Co ntrols (RET) C_Sch ool (N o (SP5	$ 0.0 8	466, 2 0 0 1 4
881	Co m - Ve nding Ma chin e Co ntrols (RET) C_Sch ool (N o (SP5	$ 0.0 8	466, 7 0 0 1 4
882	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Sch ool (N o (SP5	$ 0.0 8	467, 2 0 0 1 4
883	Co m - Interio r LED Fix tur e - Ot her (exc lud es all st rip s LED fix tu re s - com me rcial app lica tions) (NEW) C_Sch ool (N o (SP5	$ 0.0 8	467, 7 0 0 1 4
884	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	468, 2 0 0 1 4
885	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Wa ter (N o (SP5	$ 0.0 8	468, 7 0 0 1 4
886	Co m - Ve nding Ma chin e Co ntrols (RET) C_Wa ter (N o (SP5	$ 0.0 8	469, 2 0 0 1 4
887	Co m - Ve nding Ma chin e Co ntrols (RET) C_Wa ter (N o (SP5	$ 0.0 8	469, 7 0 0 1 4
888	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Wa ter (N o (SP5	$ 0.0 8	470, 2 0 0 1 4
889	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Wa ter (N o (SP5	$ 0.0 8	470, 7 0 0 1 4
890	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Ceilings (N o (SP5	$ 0.0 8	471, 2 0 0 1 4
891	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Ceilings (N o (SP5	$ 0.0 8	471, 7 0 0 1 4
892	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Wa ter (N o (SP5	$ 0.0 8	472, 2 0 0 1 4
893	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Wa ter (N o (SP5	$ 0.0 8	472, 7 0 0 1 4
894	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	473, 2 0 0 1 4
895	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	473, 7 0 0 1 4
896	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	474, 2 0 0 1 4
897	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	474, 7 0 0 1 4
898	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Lig ging (N o (SP5	$ 0.0 8	475, 2 0 0 1 4
899	Co m - Interio r LED Line ar P ol ee Fix ture s ≤ 14W (RET) C_Lig ging (N o (SP5	$ 0.0 8	475, 7 0 0 1 4
900	Co m - Ve nding Ma chin e Co ntrols (RET) C_Lig ging (N o (SP5	$ 0.0 8	476, 2 0 0 1 4
901	Co m - Ve nding Ma chin e Co ntrols (RET) C_Lig ging (N o (SP5	$ 0.0 8	476, 7 0 0 1 4
902	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Hea th (N o (SP5	$ 0.0 8	477, 2 0 0 1 4
903	Co m - Duc tless M ini Sp lit Heat Pu mp s (RDS) C_Hea th (N o (SP5	$ 0.0 8	477, 7 0 0 1 4
904	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	478, 2 0 0 1 4
905	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	478, 7 0 0 1 4
906	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	479, 2 0 0 1 4
907	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	479, 7 0 0 1 4
908	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	480, 2 0 0 1 4
909	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	480, 7 0 0 1 4
910	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	481, 2 0 0 1 4
911	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	481, 7 0 0 1 4
912	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	482, 2 0 0 1 4
913	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	482, 7 0 0 1 4
914	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	483, 2 0 0 1 4
915	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	483, 7 0 0 1 4
916	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	484, 2 0 0 1 4
917	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	484, 7 0 0 1 4
918	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	485, 2 0 0 1 4
919	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	485, 7 0 0 1 4
920	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	486, 2 0 0 1 4
921	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	486, 7 0 0 1 4
922	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	487, 2 0 0 1 4
923	Co m - Ve nding Ma chin e Co ntrols (RET) C_Hea th (N o (SP5	$ 0.0 8	487, 7 0 0 1 4
924	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	488, 2 0 0 1 4
925	Co m - Hig h E fficie nc y Ga s Hea t Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	488, 7 0 0 1 4
926	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$ 0.0 8	489, 2 0 0 1 4
927	Co m - Duc tless M ini Sp lit Heat Pu mp s (RET) C_Hea th (N o (SP5	$

Measure	Lge stick (Cost) ($/SF)	Costs table 2 (Pt) (cost) ($/SF)
884 Ca m - Hg E Efficiency Pa charged Air Condit cooing (HEW) C, Heath (Kw/) SPS	$ 0.16	1345.4258.78
885 Ca m - Hg E Efficiency Pa charged Air Condit cooing (RCB) C, Heath (Kw/) SPS	$ 0.16	1345.8742.18
886 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Heat (SPS)	$ 0.16	1346.9765.41
887 Ca m - Hg E Efficiency Pa charged Air Condit cooing (HEW) C, Office (Kw/) SPS	$ 0.16	1354.2625.9
888 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Office (Kw/) SPS	$ 0.16	1356.4825.47
889 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Garage (Kw/) SPS	$ 0.16	1379.4179.82
890 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Grocery (Kw/) SPS	$ 0.16	1379.7940.66
891 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Lodging (Kw/) SPS	$ 0.16	1384.1257.9
892 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Lodging (Kw/) SPS	$ 0.16	1384.4.87.16
893 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Office (Kw/) SPS	$ 0.16	1412.2369.88
894 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Other (Kw/) SPS	$ 0.16	1435.3888.9
895 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Restaurant (Kw/) SPS	$ 0.16	1439.8388.63
896 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Retail (Kw/) SPS	$ 0.16	1440.9.7.7
897 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Retail (Kw/) SPS	$ 0.16	1446.8111.61
898 Ca m - HVAC Variable Refrigerant Volume Drives (RET) C, Warehouse (Kw/) SPS	$ 0.16	1449.19.52
899 Ca m - Cool Roof Fence (ex Efficient Fan Motor) ECOM - MF building (Kw/) SPS	$ 0.16	1454.7.9.63
900 Ca m - Inter ior space attic ent ation windows - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.16	1466.7.9.63
901 Ca m - Inter ior space attic ent ation windows - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.16	1466.7.9.63
902 Ca m - Inter ior space attic ent ation windows - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.16	1466.7.9.63
903 Ca m - Inter ior space attic ent ation windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.16	1476.2.9.4
904 Ca m - Inter ior space attic ent ation windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.16	1476.2.9.4
905 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.16	1477.2.9.4
906 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.16	1477.2.9.4
907 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.16	1477.2.9.4
908 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Fa mily (Kw/) SPS	$ 0.16	1480.7.9.9.13
909 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.16	1480.7.9.9.13
910 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Other (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
911 Ca m - Hg E Efficiency Pa charged Air Condit cooing (RCB) C, Other (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
912 Ca m - RTU with Dem and Contro (RET) C, Cooking (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
913 Ca m - RTU with Dem and Contro (RET) C, Dis ces (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
914 Ca m - RTU with Dem and Contro (RET) C, Food Sa (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
915 Ca m - RTU with Dem and Contro (RET) C, Lab ging (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
916 Ca m - RTU with Dem and Contro (RET) C, Office (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
917 Ca m - RTU with Dem and Contro (RET) C, Other (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
918 Ca m - RTU with Dem and Contro (RET) C, Retail (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
919 Ca m - RTU with Dem and Contro (RET) C, Sch ool (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
920 Ca m - RTU with Dem and Contro (RET) C, Ware hous (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
921 Ca m - RTU with Dem and Contro (RET) C, Ware hous (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
922 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, All (kw/) SPS	$ 0.16	1.9.2.9.9.1.1
923 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, Mobile Home (Kw/) SPS	$ 0.16	1.9.2.9.9.1.1
924 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, All (kw/) SPS	$ 0.16	1.9.2.9.9.1.1
925 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, Multi Family (Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
926 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, Single Fa mily (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
927 Ca m - Low-emis sivity coating for stand ard ex doors - 100 % applica bles (RET) R, Single Fa mily Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
928 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Mobile Home (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
929 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Single Fa mily (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
930 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Multi Family (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
931 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Single Fa mily (Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
932 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Ste ple Fa mily (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
933 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (HEW) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
934 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Mobile Home (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
935 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Single Fa mily (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
936 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Multi Family (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
937 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Single Fa mily (Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
938 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Ste ple Fa mily (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
939 Ca m - Hg E Efficiency Air Condi tioners - 100 % applica bles (RCB) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
940 Ca m - Water Ste ams Heat Pump (HEW) C, Extra (kw/) SPS	$ 0.17	1.9.2.9.9.1.1
941 Ca m - Water Ste ams Heat Pump (RCB) C, Extra (kw/) SPS	$ 0.17	1.9.2.9.9.1.1
942 Ca m - DX RTU Un it w/ ser pa ty scoop (HEW) C, Lodg ing (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
943 Ca m - DX RTU Un it w/ ser pa ty scoop (RCB) C, Lodg ing (Kw/) SPS	$ 0.17	1.9.2.9.9.1.1
944 Ca m - Heat Pump Water Heater - 100 % applicable (HEW) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
945 Ca m - Heat Pump Water Heater - 100 % applicable (RCB) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
946 Ca m - Heat Pump Water Heater - 100 % applicable (HEW) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
947 Ca m - Heat Pump Water Heater - 100 % applicable (RCB) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
948 Ca m - Heat Pump Water Heater - 100 % applicable (HEW) R, Multi Family (Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
949 Ca m - Heat Pump Water Heater - 100 % applicable (RCB) R, Multi Family (Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
950 Ca m - Heat Pump Water Heater - 100 % applicable (HEW) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
951 Ca m - Heat Pump Water Heater - 100 % applicable (RCB) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
952 Ca m - Heat Pump Water Heater - 100 % applicable (HEW) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
953 Ca m - Heat Pump Water Heater - 100 % applicable (RCB) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
954 Ca m - Ca ulkiness M-to-Split Heat Pump s (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
955 Ca m - Ca ulkiness M-to-Split Heat Pump s (RCB) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
956 Ca m - Hg E Efficiency Ge ntle Heat Pump s System (HEW) C, School (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
957 Ca m - Hg E Efficiency Ge ntle Heat Pump s System (RCB) C, School (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
958 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
959 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
960 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
961 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
962 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
963 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
964 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
965 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
966 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
967 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
968 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
969 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
970 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, College (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
971 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, College (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
972 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
973 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
974 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
975 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
976 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
977 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Grocery (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
978 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
979 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
980 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
981 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
982 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
983 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
984 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
985 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
986 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
987 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
988 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
989 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
990 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
991 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
992 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
993 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
994 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
995 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
996 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
997 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
998 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
999 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1000 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1001 Ca m - Infil ration Reduction - Eqa ua ne heating a - GH + EC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1002 Ca m - DX RTU Un it w/ ser pa ty scoop (HEW) C, Kitchen (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1003 Ca m - DX RTU Un it w/ ser pa ty scoop (RCB) C, Kitchen (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1004 Ca m - DX RTU Un it w/ ser pa ty scoop (HEW) C, Of ward store (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1005 Ca m - DX RTU Un it w/ ser pa ty scoop (RCB) C, Of ward store (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1006 Ca m - Ca ulkiness M-to-Split Heat Pump s (HEW) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1007 Ca m - Ca ulkiness M-to-Split Heat Pump s (RCB) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1008 Ca m - Ductless M-to-Split Heat Pumps (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1009 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1010 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1011 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1012 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Retail (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1013 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Retail (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1014 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1015 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1016 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Ware hous (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1017 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Ware hous (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1018 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Other (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1019 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Other (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1020 Ca m - Ductless M-to-Split Heat Pumps (HEW) C, Office (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1021 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Office (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1022 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1023 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1024 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1025 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1026 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1027 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1028 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1029 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1030 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1031 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1032 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1033 Ca m - ENERGY STAR Windows - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1034 Ca m - Ductless M-to-Split Heat Pumps (HEW) C, Other (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1035 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Other (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1036 Ca m - Ductless M-to-Split Heat Pumps (HEW) C, Office (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1037 Ca m - Ductless M-to-Split Heat Pumps (RCB) C, Office (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1038 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1039 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1040 Ca m - Ca ulkiness M-to-Split Heat Pumps (HEW) C, Ware hous (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1041 Ca m - Ca ulkiness M-to-Split Heat Pumps (RCB) C, Ware hous (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1042 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1043 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1044 Ca m - Ca ulkiness M-to-Split Heat Pumps (HEW) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1045 Ca m - Ca ulkiness M-to-Split Heat Pumps (RCB) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1046 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1047 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1048 Ca m - Ca ulkiness M-to-Split Heat Pumps (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1049 Ca m - Ca ulkiness M-to-Split Heat Pumps (RCB) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1050 Ca m - Hg E Efficiency Ge ntle Heat Pump s System (HEW) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1051 Ca m - Hg E Efficiency Ge ntle Heat Pump s System (RCB) C, Sch ool (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1052 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (HEW) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1053 Ca m - Hg E Efficiency Air Pa charged Air Condit cooing (RCB) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1054 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, College (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1055 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, College (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1056 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1057 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Dis ces (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1058 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1059 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Food Sa (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1060 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Health (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1061 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1062 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Lodg ing (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1063 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1064 Ca m - ENERGY STAR Hot Food Holding Cabinet (HEW) C, Restau rant (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1065 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1066 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1067 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1068 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1069 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1070 Ca m - Attic Insulation - Space Heating - EH+ HEC (RET) R, Ste ple Fa mily Low Income (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1071 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Mobile Home (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1072 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Single Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1073 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Multi Family (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1074 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Single Fa mily (Kw/) SPS	$ 0.18	1.9.2.9.9.1.1
1075 Ca m - Cool Roof Area on Exterior Tow ncap - 10 0% Applicable (RET) R, Ste ple Fa mily (Kw/) SPS	$ 0

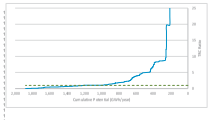
	Measure	Low-side cost (Co)	Costs table 3 (Pilot set of 2SWH cases)
1.200	Rea - ENERGY STAR: Clothes Washers - 100% Applicable to: RESR	R_Single Family	$0
1.201	Rea - ENERGY STAR: Clothes Washers - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.202	Rea - ENERGY STAR: Clothes Washers - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.203	Rea - Tankless water heater, electric gas, no efficiency	CI	$0
1.204	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.205	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Mobile Home Low Income	$0
1.206	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Multi Family Low Income	$0
1.207	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.208	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Mobile Home Low Income	$0
1.209	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Multi Family Low Income	$0
1.240	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.241	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.242	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.243	Rea - ENERGY STAR Refrigerators - 100% Applicable to: RESR	R_Single Family Low Income	$0
1.244	Rea - Ceiling Insulation - Zip-pace Heat Reg - EC	NEW	R_Mobile Home
1.245	Rea - Ceiling Insulation - Zip-pace Heat Reg - EC	NEW	R_Multi Family
1.246	Rea - Ceiling Insulation - Zip-pace Heat Reg - EC	NEW	R_Multi Family
1.247	Rea - Ceiling Insulation - Zip-pace Heat Reg - EC	NEW	R_Single Family
1.248	Rea - Ceiling Insulation - Zip-pace Heat Reg - EC	NEW	R_Single Family
1.249	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
1.250	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
1.251	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
1.252	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
1.253	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
1.254	Rea - Ceiling Insulation - Zip-pace Heat Reg - EH	NEW	R_Mobile
1.255	Rea - Ceiling Insulation - Zip-pace Heat Reg - EH	NEW	R_Mobile
1.256	Rea - Ceiling Insulation - Zip-pace Heat Reg - EH	NEW	R_Multi
1.257	Rea - Ceiling Insulation - Zip-pace Heat Reg - EH	NEW	R_Single
1.258	Rea - Ceiling Insulation - Zip-pace Heat Reg - EH	NEW	R_Single
1.259	In e - Duke ol Mare eff cient Pum ps	NEW	CI_M
1.260	In e - Duke ol Mare eff cient Pum ps	NEW	CI_M
1.261	Rea - Ceiling Insulation - Zip-pace Heat Reg - GH	EC	NEW
1.262	Rea - Ceiling Insulation - Zip-pace Heat Reg - GH	EC	NEW
1.263	Rea - Ceiling Insulation - Zip-pace Heat Reg - GH	EC	NEW
1.264	Rea - Ceiling Insulation - Zip-pace Heat Reg - GH	EC	NEW
1.265	Rea - Ceiling Insulation - Zip-pace Heat Reg - GH	EC	NEW
1.266	In e - Duke ol Mare eff cient Pum ps	NEW	CI_M
1.267	In e - OILCO O&M	RET	CI_M

	Measure	Low-side cost (Co)	Costs table 3 (Pilot set of 2SWH cases)
12.30	Rea - ENERGY STAR: Ca Ibas Ib ulaster	R	$1,18,3,3,3,7
12.31	Rea - ENERGY STAR: Ca Ibas Ib ulaster - 100% Ap plicable	NEW	$1,18,3,3,3,7
12.32	Rea - ENERGY STAR: Ca Ibas Ib ulaster - 100% Ap plicable	NEW	$1,18,3,3,3,7
12.33	Rea - ENERGY STAR Ho ttub & Ja cuzzi Ap plicable to: CI	DRA	$1,18,3,3,3,7
12.34	Rea - ENERGY STAR Ho ttub & Ja cuzzi Ap plicable to: CI	DRA	$1,18,3,3,3,7
12.35	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.36	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.37	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.38	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.39	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_M
12.40	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.41	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.42	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.43	Rea - ENERGY STAR Re frige rator - 10 0% App licable	NEW	R_S
12.44	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mar
12.45	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mar
12.46	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mar
12.47	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mar
12.48	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mar
12.49	Rea - Int rior o pea ble st orm w indows - Space He ating - CR	EC	RET
12.50	Rea - Int rior o pea ble st orm w indows - Space He ating - CR	EC	RET
12.51	Rea - Int rior o pea ble st orm w indows - Space He ating - CR	EC	RET
12.52	Rea - Int rior o pea ble st orm w indows - Space He ating - CR	EC	RET
12.53	Rea - Int rior o pea ble st orm w indows - Space He ating - CR	EC	RET
12.54	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mar
12.55	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mar
12.56	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mar
12.57	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mar
12.58	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Sto
12.59	Ind - Duke ol Mare eff cient Pum ps	NEW	CI_M
12.60	Ind - Duke ol Mare eff cient Pum ps	NEW	CI_M
12.61	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
12.62	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
12.63	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
12.64	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
12.65	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
12.66	Ind - Duke ol Mare eff cient Pum ps	NEW	CI_M
12.67	Ind - OILCO O&M	RET	CI_M

	Measure	Low-side cost (Co)	Costs table 3 (Pilot set of 2SWH cases)
123.0	Rea - Clothes Washers - 100% Applicable	RESR	R_Single Family
123.1	Rea - Clothes Washers - 100% Applicable	RESR	R_Single Family Low Income
123.2	Rea - Clothes Washers - 100% Applicable	RESR	R_Single Family Low Income
123.3	Rea - Sh Heat pumps tub ent ering wa ter - Ap plicable to:	REST	CI_Other
123.4	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Mar ufacto red
123.5	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Mar ufacto red
123.6	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Multi Fam ily
123.7	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Multi Fam ily
123.8	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Multi Fam ily Low Income
123.9	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Multi Fam ily Low Income
124.0	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Single Family
124.1	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Single Family
124.2	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Sin gle Family Low Income
124.3	Rea - ENERGY STAR Refrige rators - 100% Ap plicable	RESR	R_Sin gle Family Low Income
124.4	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Mobile Home
124.5	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Multi Fam ily
124.6	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Multi Fam ily
124.7	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Single Family
124.8	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Single Family
124.9	Rea - Ceiling Insulatio n - Dya ne Heat ing - EC	NEW	R_Single Family Low Income
125.0	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
125.1	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
125.2	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
125.3	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
125.4	Rea - Int rior oper able st orm windows - Space Heating - CR	EC	RET
125.5	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mobile
125.6	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Mobile
125.7	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Multi Fam ily
125.8	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Single Family
125.9	Rea - Ceiling Insulatio n - Dya ne Heat ing - EH	NEW	R_Single Family
126.0	In e - Duke ol Mare eff cient Pum ps	NEW	CI_M ining/Oil & Gas Ex
126.1	In e - Duke ol Mare eff cient Pum ps	NEW	CI_M ining/Oil & Gas Ex
126.2	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
126.3	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
126.4	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
126.5	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
126.6	Rea - Ceiling Insulatio n - Dya ne Heat ing - GH	EC	NEW
126.7	In e - OILCO O&M	RET	CI_Mine gOil & Gas Extract ion

Duke Energy Carolinas Potential TRC Results Summary (Net)

Rank	Measure	TRC Ratio	Cumulative Potential ($,000 gross)
1	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	653.35.00	0
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Manufactured | Xcel | SPS	653.35.00	4
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Manufactured | Xcel | SPS	653.35.00	4
4	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	653.35.00	5
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family | Xcel | SPS	653.35.00	5
6	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family | Xcel | SPS	653.35.00	5
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SP	653.35.00	5
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family Low Income | Xcel | SP	653.35.00	5
9	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family Low Income | Xcel | SP	653.35.00	5
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family | Xcel | SPS	653.35.00	6
11	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Single Family | Xcel | SPS	653.35.00	14
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Single Family | Xcel | SPS	653.35.00	14
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SP	653.35.00	24
14	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Single Family Low Income | Xcel | SP	653.35.00	24
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Single Family Low Income | Xcel | SP	653.35.00	24
16	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	691.24	30
17	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	691.24	35
18	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family | Xcel | SPS	691.24	36
19	Res - Evaporative Cooling - 100% Applicable | REPLACE | R_Single Family | Xcel | SPS	691.24	146
20	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	691.24	151
21	Res - Evaporative Cooling - 100% Applicable | REPLACE | R_Single Family Low Income | Xcel | SPS	691.24	156
22	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	727.74	157
23	Res - Evaporative Cooling - 100% Applicable | REPLACE | R_Multi Family | Xcel | SPS	727.74	158
24	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	727.74	158
25	Res - Evaporative Cooling - 100% Applicable | REPLACE | R_Multi Family Low Income | Xcel | SPS	727.74	159
26	Com - Pre-rinse Spray Valves (PRT) | C_Health | Xcel | SPS	80.51	208
27	Com - Pre-rinse Spray Valves (PRT) | C_Other | Xcel | SPS	80.51	208
28	Ind - Air Curtain (PRT) | Agriculture | Xcel | SPS	87.30	208
29	Com - Pre-rinse Spray Valves (PRT) | C_College | Xcel | SPS	87.86	208
30	Com - Pre-rinse Spray Valves (PRT) | C_Lodging | Xcel | SPS	87.86	208
31	Com - Pre-rinse Spray Valves (PRT) | C_Lodging | Xcel | SPS	87.86	208
32	Com - Low-flow Faucet Aerator (PRT) | C_Office | Xcel | SPS	93.33	208
33	Com - Pre-rinse Spray Valves (PRT) | C_School | Xcel | SPS	93.76	208
34	Com - Pre-rinse Spray Valves (PRT) | C_Restaurant | Xcel | SPS	93.76	208
35	Com - Pre-rinse Spray Valves (PRT) | C_Warehouse | Xcel | SPS	93.76	208
36	Com - Low-flow Faucet Aerator (PRT) | C_Other | Xcel | SPS	97.80	246
37	Com - Low-flow Faucet Aerator (PRT) | C_College | Xcel | SPS	97.80	246
38	Com - Low-flow Faucet Aerator (PRT) | C_Office | Xcel | SPS	97.80	246
39	Com - Low-flow Faucet Aerator (PRT) | C_School | Xcel | SPS	97.80	246
40	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	15.19	246
41	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	15.19	246
42	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	15.19	246
43	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	15.19	246
44	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	15.19	246
45	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	12.21	252
46	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	12.21	255
47	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	12.21	261
48	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	12.21	262
49	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	12.21	263
50	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Retail | Xcel | SPS	10.31	253
51	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Restaurant | Xcel | SPS	10.31	254
52	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Restaurant | Xcel | SPS	10.31	254
53	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Warehouse | Xcel | SPS	10.31	254
54	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Lodging | Xcel | SPS	10.38	254
55	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Lodging | Xcel | SPS	10.38	254
56	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	10.28	254
57	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	10.28	254
58	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	10.28	254
59	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	10.28	254
60	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	10.28	254
61	Com - Low-flow Faucet Aerator (PRT) | C_Lodging | Xcel | SPS	9.64	254
62	Com - Low-flow Faucet Aerator (PRT) | C_Retail | Xcel | SPS	9.64	254
63	Com - Low-flow Faucet Aerator (PRT) | C_Health | Xcel | SPS	9.64	254
64	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	9.23	259
65	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	9.23	259
66	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	9.23	259
67	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	9.23	259
68	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	9.23	260
69	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_College | Xcel | SPS	8.67	260
70	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_College | Xcel | SPS	8.67	260
71	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_Grocery | Xcel | SPS	8.67	260
72	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_Grocery | Xcel | SPS	8.67	260
73	Com - ENERGY STAR Commercial Dishwasher (NEW) | C_Health | Xcel | SPS	8.67	260
74	Com - ENERGY STAR Commercial Dishwasher (NEW) | C_Health | Xcel | SPS	8.67	260
75	Com - ENERGY STAR Commercial Dishwasher (NEW) | C_Office | Xcel | SPS	8.67	260
76	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_Lodging | Xcel | SPS	8.67	260
77	Com - ENERGY STAR Commercial Dishwasher (NEW) | C_Restaurant | Xcel | SPS	8.67	260
78	Com - ENERGY STAR Commercial Dishwasher (RCB) | C_Restaurant | Xcel | SPS	8.67	260
79	Res - Pulsegrain Terminal Heat Pumps (RCB) | C_College | Xcel | SPS	8.43	261
80	Res - Pulsegrain Terminal Heat Pumps (RCB) | C_Office | Xcel | SPS	8.43	261
81	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + EC | RET | R_Manufactured | Xcel	8.67	261
82	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + EC | RET | R_Multi Family | Xcel |	8.67	261
83	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + EC | RET | R_Multi Family Low Inc	8.67	261
84	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + EC | RET | R_Single Family | Xcel	8.67	261
85	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + EC | RET | R_Single Family Low In	8.67	261
86	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	8.64	264
87	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	8.64	264
88	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	8.63	264
89	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	8.63	264
90	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	8.63	264
91	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	8.63	264
92	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + NC | RET | R_Manufactured | Xcel	8.61	265
93	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + NC | RET | R_Multi Family | Xcel |	8.61	265
94	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + NC | RET | R_Multi Family Low Income	8.61	265
95	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + NC | RET | R_Single Family | Xcel	8.61	265
96	Res - Central AC Heat Pump Quality Installation Verification (QI) - Space Heating - EH + NC | RET | R_Single Family Low Income	8.61	265
97	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	8.60	266
98	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	8.60	266
99	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	8.59	266
100	Com - ECM motors for each and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	8.59	266
101	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_College | Xcel | SPS	8.43	334
102	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_College | Xcel | SPS	8.43	334
103	Res - Dual Stacking - Space Heating - EH + EC | REPLACE | R_Manufactured | Xcel | SPS	8.33	335
104	Res - Dual Stacking - Space Heating - EH + EC | REPLACE | R_Multi Family | Xcel | SPS	8.33	341
105	Res - Dual Stacking - Space Heating - EH + EC | REPLACE | R_Multi Family Low Income | Xcel | SPS	8.33	348
106	Res - Dual Stacking - Space Heating - EH + EC | REPLACE | R_Single Family | Xcel | SPS	8.33	354
107	Res - Dual Stacking - Space Heating - EH + EC | REPLACE | R_Single Family Low Income | Xcel | SPS	8.33	360
108	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Health | Xcel | SPS	8.33	374
109	Com - Pulsegrain Terminal Heat Pumps (RCB) | C_Health | Xcel | SPS	8.33	374
110	Com - Pulsegrain Terminal Heat Pumps (RCB) | C_Lodging | Xcel | SPS	8.33	374
111	Com - Pulsegrain Terminal Heat Pumps (RCB) | C_Lodging | Xcel | SPS	8.33	374
112	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Retail | Xcel | SPS	8.25	374
113	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Retail | Xcel | SPS	8.25	374
114	Com - Customer Incentive (PRT) | C_College | Xcel | SPS	8.18	374
115	Com - Customer Incentive (PRT) | C_College | Xcel | SPS	8.18	374
116	Com - Customer Incentive (PRT) | C_Health | Xcel | SPS	8.18	374
117	Com - Customer Incentive (PRT) | C_Health | Xcel | SPS	8.18	374
118	Com - Customer Incentive (PRT) | C_Lodging | Xcel | SPS	8.18	376
119	Com - Customer Incentive (PRT) | C_Lodging | Xcel | SPS	8.18	376
120	Com - Customer Incentive (PRT) | C_Grocery | Xcel | SPS	8.18	376
121	Com - Customer Incentive (PRT) | C_Grocery | Xcel | SPS	8.18	376
122	Com - Customer Incentive (PRT) | C_Office | Xcel | SPS	8.18	376
123	Com - Customer Incentive (PRT) | C_Office | Xcel | SPS	8.18	376
124	Com - Customer Incentive (PRT) | C_Restaurant | Xcel | SPS	8.18	376
125	Com - Customer Incentive (PRT) | C_Restaurant | Xcel | SPS	8.18	376
126	Com - Customer Incentive (PRT) | C_Warehouse | Xcel | SPS	8.18	376
127	Com - Customer Incentive (PRT) | C_Warehouse | Xcel | SPS	8.18	376
128	Com - Anti-Sweat Heater Controls (PRT) | C_College | Xcel | SPS	7.63	376
129	Com - Anti-Sweat Heater Controls (PRT) | C_College | Xcel | SPS	7.63	376
130	Com - Anti-Sweat Heater Controls (PRT) | C_Grocery | Xcel | SPS	7.63	376
131	Com - Anti-Sweat Heater Controls (PRT) | C_Grocery | Xcel | SPS	7.63	376
132	Com - Anti-Sweat Heater Controls (PRT) | C_Lodging | Xcel | SPS	7.63	376
133	Com - Anti-Sweat Heater Controls (PRT) | C_Lodging | Xcel | SPS	7.63	376
134	Com - Anti-Sweat Heater Controls (PRT) | C_Office | Xcel | SPS	7.63	376
135	Com - Anti-Sweat Heater Controls (PRT) | C_Office | Xcel | SPS	7.63	376
136	Com - Anti-Sweat Heater Controls (PRT) | C_Restaurant | Xcel | SPS	7.63	376
137	Com - Anti-Sweat Heater Controls (PRT) | C_Restaurant | Xcel | SPS	7.63	376
138	Com - Anti-Sweat Heater Controls (PRT) | C_Retail | Xcel | SPS	7.63	376
139	Com - Anti-Sweat Heater Controls (PRT) | C_Retail | Xcel | SPS	7.63	376
140	Com - Anti-Sweat Heater Controls (PRT) | C_Warehouse | Xcel | SPS	7.63	376
141	Com - Anti-Sweat Heater Controls (PRT) | C_Warehouse | Xcel | SPS	7.63	376
142	Com - Exterior LED Lamp (NEW) | C_Health | Xcel | SPS	7.34	376
143	Com - Exterior LED Lamp (NEW) | C_Health | Xcel | SPS	7.34	376
144	Com - Pulsegrain Terminal Air Conditioners (RCB) | C_College | Xcel | SPS	7.33	376
145	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Office | Xcel | SPS	7.28	376
146	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Office | Xcel | SPS	7.28	376
147	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Grocery | Xcel | SPS	7.24	376
148	Com - Pulsegrain Terminal Heat Pumps (RCB) | C_Grocery | Xcel | SPS	7.24	376
149	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Health | Xcel | SPS	7.23	376
150	Com - Pulsegrain Terminal Air Conditioners (RCB) | C_Health | Xcel | SPS	7.23	376
151	Com - Exterior LED Lamp (NEW) | C_Retail | Xcel | SPS	7.16	376
152	Com - Exterior LED Lamp (RCB) | C_Retail | Xcel | SPS	7.16	376
153	Com - Exterior LED Lamp (NEW) | C_Restaurant | Xcel | SPS	7.09	376
154	Com - Exterior LED Lamp (RCB) | C_Restaurant | Xcel | SPS	7.09	376
155	Com - Exterior LED Lamp (NEW) | C_Retail | Xcel | SPS	7.03	376
156	Com - Exterior LED Lamp (RCB) | C_Retail | Xcel | SPS	7.03	376
157	Com - Exterior LED Lamp (NEW) | C_Office | Xcel | SPS	6.97	376
158	Com - Exterior LED Lamp (RCB) | C_Office | Xcel | SPS	6.97	376
159	Com - Exterior LED Lamp (NEW) | C_College | Xcel | SPS	6.84	376
160	Com - Exterior LED Lamp (RCB) | C_College | Xcel | SPS	6.84	376
161	Com - Exterior LED Lamp (NEW) | C_Other | Xcel | SPS	6.73	376
162	Com - Exterior LED Lamp (RCB) | C_Other | Xcel | SPS	6.73	376
163	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	6.60	408
164	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	6.60	409
165	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	6.60	410
166	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	6.60	411
167	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	6.60	412
168	Res - Pulsegrain Terminal Air Conditioners (NEW) | C_Warehouse | Xcel | SPS	6.55	415
169	Res - Pulsegrain Terminal Air Conditioners (NEW) | C_Warehouse | Xcel | SPS	6.55	415
170	Res - Pulsegrain Terminal Heat Pumps (NEW) | C_School | Xcel | SPS	6.38	416
171	Res - Pulsegrain Terminal Heat Pumps (RCB) | C_School | Xcel | SPS	6.38	416
172	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Grocery | Xcel | SPS	6.28	416
173	Com - Pulsegrain Terminal Air Conditioners (RCB) | C_Grocery | Xcel | SPS	6.28	416
174	Com - Pulsegrain Terminal Heat Pumps (NEW) | C_Other | Xcel | SPS	6.22	417
175	Com - Pulsegrain Terminal Heat Pumps (RCB) | C_Other | Xcel | SPS	6.22	417
176	Com - Exterior LED Lamp (NEW) | C_Grocery | Xcel | SPS	6.22	417
177	Com - Exterior LED Lamp (RCB) | C_Grocery | Xcel | SPS	6.22	417
178	Com - Exterior LED Lamp (NEW) | C_College | Xcel | SPS	6.16	417
179	Com - Exterior LED Lamp (RCB) | C_College | Xcel | SPS	6.16	417
180	Com - Customer Lighting (PRT) | C_Health | Xcel | SPS	6.18	417
181	Com - Customer Lighting (PRT) | C_Lodging | Xcel | SPS	6.18	418
182	Com - Customer Lighting (PRT) | C_Restaurant (Mandatory) | Xcel | SPS	6.18	418
183	Com - Customer Lighting (PRT) | C_Office | Xcel | SPS	6.18	418
184	Com - Customer Lighting (PRT) | C_Other | Xcel | SPS	6.18	418
185	Com - Customer Lighting (PRT) | C_Retail | Xcel | SPS	6.18	418
186	Com - Customer Lighting (PRT) | C_Retail | Xcel | SPS	6.18	418
187	Com - Customer Lighting (PRT) | C_Warehouse | Xcel | SPS	6.18	418
188	Com - Exterior LED Lamp (NEW) | C_Warehouse | Xcel | SPS	5.80	432
189	Com - Exterior LED Lamp (RCB) | C_Warehouse | Xcel | SPS	5.80	432
190	Res - Low Flow Showerheads - 100% Applicable | RET | R_Multi Family | Xcel | SPS	5.47	434
191	Res - Low Flow Showerheads - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	5.47	434
192	Res - Dual Stacking - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	5.39	435
193	Res - Dual Stacking - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	5.39	436
194	Res - Dual Stacking - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	5.39	437
195	Res - Dual Stacking - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	5.39	438
196	Res - Dual Stacking - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	5.39	439
197	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_Other | Xcel | SPS	5.14	437
198	Com - Pulsegrain Terminal Air Conditioners (RCB) | C_Other | Xcel | SPS	5.14	437
199	Com - Low-flow Faucet Aerator (PRT) | C_Health | Xcel | SPS	5.09	438
200	Com - Low-flow Faucet Aerator (PRT) | C_Health | Xcel | SPS	5.09	442
201	Ind - Dam Point Controls (RET) | Mining Oil & Gas Extraction | Xcel | SPS	5.05	446
202	Ind - Dam Point Controls (RET) | Agriculture | Xcel | SPS	5.05	446
203	Ind - Dam Point Controls (RET) | Manufacturing | Xcel | SPS	5.05	447
204	Ind - Dam Point Controls (RET) | Mining Oil & Gas Extraction | Xcel | SPS	5.05	447
205	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	4.81	525
206	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	4.81	525
207	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	4.81	525
208	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	4.81	525
209	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	4.81	525
210	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family | Xcel | SPS	4.74	531
211	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	4.74	531
212	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	4.74	531
213	Com - Pulsegrain Terminal Heat Pumps (RET) | Retail | Xcel | SPS	4.67	532
214	Com - Pulsegrain Terminal Air Conditioners (NEW) | C_School | Xcel | SPS	4.67	532
215	Com - Pulsegrain Terminal Air Conditioners (RCB) | C_School | Xcel | SPS	4.67	532
216	Com - Customer Incentive (NEW) | C_College | Xcel | SPS	4.66	532
217	Com - Customer Incentive (NEW) | C_Grocery | Xcel | SPS	4.66	532
218	Com - Customer Incentive (NEW) | C_Health | Xcel | SPS	4.66	532
219	Com - Customer Incentive (NEW) | C_Lodging | Xcel | SPS	4.66	532
220	Com - Customer Incentive (NEW) | Mining Oil & Gas Extraction | Xcel | SPS	4.66	534
221	Com - Customer Incentive (NEW) | C_Office | Xcel | SPS	4.66	537
222	Com - Customer Incentive (NEW) | C_Other | Xcel | SPS	4.66	537
223	Com - Customer Incentive (NEW) | C_Retail | Xcel | SPS	4.66	537
224	Com - Customer Incentive (NEW) | C_Retail | Xcel | SPS	4.66	537
225	Com - Customer Incentive (NEW) | C_School | Xcel | SPS	4.66	537
226	Com - Customer Incentive (NEW) | C_Warehouse | Xcel | SPS	4.66	537
227	Com - Pulsegrain Terminal Heat Pumps (RET) | C_Restaurant | Xcel | SPS	4.65	541
228	Com - Pulsegrain Terminal Heat Pumps (RET) | C_Restaurant | Xcel | SPS	4.65	541
229	Com - Room Air Conditioners (NEW) | C_Retail | Xcel | SPS	4.51	541
230	Com - Room Air Conditioners (RCB) | C_Retail | Xcel | SPS	4.51	541
231	Ind - HPWH Industrial Process Air Heat (RET) | Manufacturing | Xcel | SPS	4.50	542
232	Com - Room Air Conditioners (NEW) | C_Lodging | Xcel | SPS	4.44	546
233	Com - Room Air Conditioners (RCB) | C_Lodging | Xcel | SPS	4.44	546
234	Com - Room Air Conditioners (NEW) | C_Restaurant | Xcel | SPS	4.29	548
235	Com - Room Air Conditioners (RCB) | C_Restaurant | Xcel | SPS	4.29	549
236	Com - Low-flow Faucet Aerator (PRT) | C_Restaurant | Xcel | SPS	4.26	549
237	Com - Low-flow Faucet Aerator (PRT) | C_Restaurant | Xcel | SPS	4.26	549
238	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	4.15	549
239	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	4.15	549
240	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	4.15	549
241	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	4.15	549
242	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	4.15	549
243	Res - ENERGY STAR Windows - Space Heating - EH + EC | REPLACE | R_Multi Family | Xcel | SPS	4.10	549
244	Res - ENERGY STAR Windows - Space Heating - EH + EC | REPLACE | R_Multi Family Low Income | Xcel | SPS	4.10	549
245	Res - ENERGY STAR Windows - Space Heating - EH + EC | REPLACE | R_Single Family | Xcel | SPS	4.10	549
246	Res - ENERGY STAR Windows - Space Heating - EH + EC | REPLACE | R_Single Family | Xcel | SPS	4.10	549



Duke Energy Carolinas Potential TRC Results Summary (Net)

Rank	Measure	TRC Ratio	Cumulative Potential ($,000 gross)
1	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	653.35.00	0
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Manufactured | Xcel | SPS	653.35.00	4
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Manufactured | Xcel | SPS	653.35.00	4
4	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	653.35.00	5
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family | Xcel | SPS	653.35.00	5
6	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family | Xcel | SPS	653.35.00	5
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SP	653.35.00	5
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family Low Income | Xcel | SP	653.35.00	5
9	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | REPLACE | R_Multi Family Low Income | Xcel | SP	653.35.00	5
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single

Rank	Measure	TRC Ratio	Cumulative Potential ($MWyear)
246	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	4.16	0.57
247	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family Low Income	Xcel	SPS	4.10	0.57
248	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Lodging	Xcel	SPS	4.01	0.57
249	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Lodging	Xcel	SPS	4.01	0.57
250	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Lodging	Xcel	SPS	3.96	0.57
251	Com - Room Air Conditioners	ROB	C_College	Xcel	SPS	3.93	0.76
252	Com - Room Air Conditioners	NEW	C_College	Xcel	SPS	3.93	0.76
253	Com - Room Air Conditioners	NEW	C_Office	Xcel	SPS	3.93	0.92
254	Com - Room Air Conditioners	ROB	C_Office	Xcel	SPS	3.93	0.92
255	Com - Room Air Conditioners	NEW	C_Health	Xcel	SPS	3.94	0.92
256	Com - Room Air Conditioners	ROB	C_Health	Xcel	SPS	3.94	0.92
257	Com - Packaged Terminal Heat Pumps	NEW	C_College	Xcel	SPS	3.75	0.92
258	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.75	0.92
259	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.76	0.93
260	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.76	0.93
261	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.76	0.94
262	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.76	0.94
263	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.76	0.94
264	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Xcel	SPS	3.76	0.11
265	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Low Income	Xcel	SPS	3.76	0.11
266	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.76	0.16
267	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Low Income	Xcel	SPS	3.76	0.16
268	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.77	0.16
269	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.77	0.16
270	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.77	0.16
271	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.77	0.16
272	Com - LED Refrigerated Case Lighting	NEW	C_Lodging	Xcel	SPS	3.76	0.16
273	Com - LED Refrigerated Case Lighting	RET	C_Lodging	Xcel	SPS	3.76	0.16
274	Com - Packaged Terminal Heat Pumps	ROB	C_Health	Xcel	SPS	3.74	0.17
275	Com - Packaged Terminal Air Conditioners	REPLACE	C_Lodging	Xcel	SPS	3.73	0.17
276	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Other	Xcel	SPS	3.73	0.17
277	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Other	Xcel	SPS	3.73	0.17
278	Com - Packaged Terminal Air Conditioners	REPLACE	C_Retail	Xcel	SPS	3.72	0.17
279	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.72	0.17
280	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.72	0.17
281	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.72	0.17
282	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.72	0.17
283	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.72	0.17
284	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.70	0.21
285	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.70	0.21
286	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.70	0.21
287	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.70	0.21
288	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.70	0.21
289	Com - Interior LED Lamp - PARKING AREA	NEW	C_Restaurant	Xcel	SPS	3.64	0.22
290	Com - Interior LED Lamp - PARKING AREA	ROB	C_Restaurant	Xcel	SPS	3.64	0.22
291	Com - Custom cooling	NEW	C_College	Xcel	SPS	3.53	0.22
292	Com - Custom cooling	ROB	C_College	Xcel	SPS	3.53	0.22
293	Com - Custom cooling	NEW	C_Health	Xcel	SPS	3.53	0.22
294	Com - Custom cooling	ROB	C_Health	Xcel	SPS	3.53	0.22
295	Com - Custom cooling	NEW	C_Lodging	Xcel	SPS	3.53	0.22
296	Com - Custom cooling	ROB	C_Lodging	Xcel	SPS	3.53	0.22
297	Com - Custom cooling	NEW	C_Mining Oil & Gas Extraction	Xcel	SPS	3.53	0.22
298	Com - Custom cooling	NEW	C_Office	Xcel	SPS	3.53	0.22
299	Com - Custom cooling	ROB	C_Office	Xcel	SPS	3.53	0.22
300	Com - Custom cooling	NEW	C_Restaurant	Xcel	SPS	3.53	0.22
301	Com - Custom cooling	NEW	C_Retail	Xcel	SPS	3.53	0.22
302	Com - Custom cooling	NEW	C_School	Xcel	SPS	3.53	0.22
303	Com - Custom cooling	NEW	C_Warehouse	Xcel	SPS	3.53	0.22
304	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Dormitory	Xcel	SPS	3.51	0.31
305	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Dormitory	Xcel	SPS	3.51	0.31
306	Com - Packaged Terminal Air Conditioners	REPLACE	C_Restaurant	Xcel	SPS	3.50	0.31
307	Com - Room Air Conditioners	NEW	C_Dormitory	Xcel	SPS	3.49	0.31
308	Com - Room Air Conditioners	ROB	C_Dormitory	Xcel	SPS	3.49	0.31
309	Com - Room Air Conditioners	NEW	C_Grocery	Xcel	SPS	3.47	0.31
310	Com - Room Air Conditioners	ROB	C_Grocery	Xcel	SPS	3.47	0.31
311	Com - Packaged Terminal Heat Pumps	REPLACE	C_Warehouse	Xcel	SPS	3.43	0.33
312	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_College	Xcel	SPS	3.38	0.33
313	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_College	Xcel	SPS	3.38	0.33
314	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Office	Xcel	SPS	3.38	0.37
315	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Office	Xcel	SPS	3.38	0.37
316	Com - Packaged Terminal Air Conditioners	REPLACE	C_College	Xcel	SPS	3.35	0.44
317	Com - Packaged Terminal Air Conditioners	REPLACE	C_Health	Xcel	SPS	3.35	0.44
318	Com - Packaged Terminal Heat Pumps	REPLACE	C_Grocery	Xcel	SPS	3.26	0.44
319	Com - Packaged Terminal Air Conditioners	REPLACE	C_Health	Xcel	SPS	3.25	0.46
320	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Health	Xcel	SPS	3.23	0.46
321	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Health	Xcel	SPS	3.23	0.46
322	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Retail	Xcel	SPS	3.23	0.47
323	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Retail	Xcel	SPS	3.23	0.47
324	Com - Interior LED Lamp - PARKING AREA	NEW	C_Health	Xcel	SPS	3.22	0.48
325	Com - Interior LED Lamp - PARKING AREA	ROB	C_Health	Xcel	SPS	3.22	0.48
326	Com - Interior LED Lamp - PARKING AREA	NEW	C_Retail	Xcel	SPS	3.15	0.48
327	Com - Interior LED Lamp - PARKING AREA	ROB	C_Retail	Xcel	SPS	3.15	0.48
328	Res - Linear LEDs - Space Heating - EH + EC	REPLACE	R_Manufactured	Xcel	SPS	3.15	0.48
329	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.14	0.48
330	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.14	0.48
331	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.14	0.48
332	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.14	0.48
333	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Restaurant	Xcel	SPS	3.09	0.49
334	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Restaurant	Xcel	SPS	3.09	0.49
335	Com - Room Air Conditioners	REPLACE	C_Grocery	Xcel	SPS	3.05	0.49
336	Com - LED Refrigerated Case Lighting	REPLACE	C_Grocery	Xcel	SPS	3.05	0.49
337	Com - Interior LED Lamp - PARKING AREA	NEW	C_Warehouse	Xcel	SPS	3.05	0.50
338	Com - Interior LED Lamp - PARKING AREA	ROB	C_Warehouse	Xcel	SPS	3.05	0.50
339	Res - Low Flow Showerheads - 10% Applicable	NEW	R_Multi Family	Xcel	SPS	2.96	0.60
340	Res - Low Flow Showerheads - 10% Applicable	NEW	R_Multi Family	Low Income	Xcel	SPS	2.96	0.60
341	Res - Duct Sealing - Space Heating - EH + EC	REPLACE	R_Manufactured	Xcel	SPS	2.91	0.61
342	Res - Duct Sealing - Space Heating - EH + EC	REPLACE	R_Multi Family	Xcel	SPS	2.91	0.61
343	Res - Duct Sealing - Space Heating - EH + EC	REPLACE	R_Multi Family	Low Income	Xcel	SPS	2.91	0.61
344	Res - Duct Sealing - Space Heating - EH + EC	REPLACE	R_Single Family	Xcel	SPS	2.91	0.61
345	Res - Duct Sealing - Space Heating - EH + EC	REPLACE	R_Single Family	Low Income	Xcel	SPS	2.91	0.61
346	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_Health	Xcel	SPS	2.85	0.61
347	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_Health	Xcel	SPS	2.85	0.61
348	Com - Packaged Terminal Air Conditioners	REPLACE	C_Grocery	Xcel	SPS	2.83	0.61
349	Com - Packaged Terminal Heat Pumps	REPLACE	C_Other	Xcel	SPS	2.83	0.61
350	Res - Low Flow Showerheads - 10% Applicable	NEW	R_Manufactured	Xcel	SPS	2.73	0.61
351	Com - Room Air Conditioners	NEW	C_Other	Xcel	SPS	2.73	0.61
352	Com - Room Air Conditioners	ROB	C_Other	Xcel	SPS	2.73	0.61
353	Com - Interior LED Lamp - PARKING AREA	NEW	C_Grocery	Xcel	SPS	2.72	0.61
354	Com - Interior LED Lamp - PARKING AREA	ROB	C_Grocery	Xcel	SPS	2.72	0.61
355	Com - Interior LED Lamp - PARKING AREA	ROB	C_Grocery	Xcel	SPS	2.72	0.61
356	Com - LED Refrigerated Case Lighting	REPLACE	C_Other	Xcel	SPS	2.71	0.61
357	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Grocery	Xcel	SPS	2.66	0.62
358	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Grocery	Xcel	SPS	2.66	0.62
359	Com - Room Air Conditioners	NEW	C_Warehouse	Xcel	SPS	2.64	0.62
360	Com - Room Air Conditioners	ROB	C_Warehouse	Xcel	SPS	2.64	0.62
361	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_Lodging	Xcel	SPS	2.64	0.62
362	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_Lodging	Xcel	SPS	2.64	0.62
363	Res - Low Flow Showerheads - 10% Applicable	NEW	R_Single Family	Xcel	SPS	2.54	0.63
364	Res - Low Flow Showerheads - 10% Applicable	NEW	R_Single Family	Low Income	Xcel	SPS	2.54	0.63
365	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	REPLACE	R_Manufactured	Xcel	SPS	2.53	0.64
366	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	REPLACE	R_Multi Family	Xcel	SPS	2.53	0.64
367	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	REPLACE	R_Multi Family	Low Income	Xcel	SPS	2.53	0.64
368	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	REPLACE	R_Single Family	Xcel	SPS	2.53	0.64
369	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	REPLACE	R_Single Family	Low Income	Xcel	SPS	2.53	0.64
370	Ind - Air Compressor Optimization	REPLACE	Manufacturing	Xcel	SPS	2.52	0.70
371	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Warehouse	Xcel	SPS	2.51	0.76
372	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Warehouse	Xcel	SPS	2.51	0.76
373	Com - Interior LED Lamp - PARKING AREA	NEW	C_Office	Xcel	SPS	2.50	0.76
374	Com - Interior LED Lamp - PARKING AREA	ROB	C_Office	Xcel	SPS	2.50	0.76
375	Res - Linear LEDs - Space Heating - EH + NC	REPLACE	R_Manufactured	Xcel	SPS	2.47	0.76
376	Res - Linear LEDs - Space Heating - EH + NC	REPLACE	R_Multi Family	Xcel	SPS	2.47	0.76
377	Res - Linear LEDs - Space Heating - EH + NC	REPLACE	R_Multi Family	Low Income	Xcel	SPS	2.47	0.76
378	Res - Linear LEDs - Space Heating - EH + NC	REPLACE	R_Single Family	Xcel	SPS	2.47	0.76
379	Res - Linear LEDs - Space Heating - EH + NC	REPLACE	R_Single Family	Low Income	Xcel	SPS	2.47	0.76
380	Com - Interior LED Lamp - PARKING AREA	NEW	C_Other	Xcel	SPS	2.45	0.76
381	Com - Interior LED Lamp - PARKING AREA	ROB	C_Other	Xcel	SPS	2.45	0.76
382	Com - Exterior LED Fixture	NEW	C_Health	Xcel	SPS	2.45	0.77
383	Com - Exterior LED Fixture	ROB	C_Health	Xcel	SPS	2.45	0.77
384	Com - LED Refrigerated Case Lighting	REPLACE	C_Grocery	Xcel	SPS	2.44	0.77
385	Com - LED Refrigerated Case Lighting	REPLACE	C_Other	Xcel	SPS	2.44	0.82
386	Res - Occupancy Sensors (WHP conversion) - 100% Applicable	REPLACE	R_Multi Family	Xcel	SPS	2.43	0.84
387	Res - Occupancy Sensors (WHP conversion) - 100% Applicable	REPLACE	R_Multi Family	Low Income	Xcel	SPS	2.43	0.84
388	Com - Exterior LED Fixture	NEW	C_School	Xcel	SPS	2.35	0.84
389	Com - Exterior LED Fixture	ROB	C_School	Xcel	SPS	2.35	0.84
390	Com - Exterior LED Fixture	NEW	C_Restaurant	Xcel	SPS	2.33	0.84
391	Com - Exterior LED Fixture	ROB	C_Restaurant	Xcel	SPS	2.33	0.84
392	Com - Exterior LED Fixture	NEW	C_Retail	Xcel	SPS	2.31	0.85
393	Com - Exterior LED Fixture	ROB	C_Retail	Xcel	SPS	2.31	0.85
394	Com - Exterior LED Fixture	ROB	C_Retail	Xcel	SPS	2.31	0.87
395	Com - Custom Lighting	NEW	C_College	Xcel	SPS	2.29	0.87
396	Com - Custom Lighting	NEW	C_Grocery	Xcel	SPS	2.29	0.87
397	Com - Custom Lighting	ROB	C_Grocery	Xcel	SPS	2.29	0.87
398	Com - Custom Lighting	NEW	C_Lodging	Xcel	SPS	2.29	0.87
399	Com - Custom Lighting	NEW	C_Mining Oil & Gas Extraction	Xcel	SPS	2.29	0.87
400	Com - Custom Lighting	NEW	C_Office	Xcel	SPS	2.29	0.94
401	Com - Custom Lighting	NEW	C_Other	Xcel	SPS	2.29	0.94
402	Com - Custom Lighting	NEW	C_Other	Xcel	SPS	2.29	0.94
403	Com - Custom Lighting	NEW	C_Retail	Xcel	SPS	2.29	0.94
404	Com - Custom Lighting	NEW	C_School	Xcel	SPS	2.29	0.94
405	Com - Custom Lighting	NEW	C_Warehouse	Xcel	SPS	2.29	0.94
406	Com - Custom Lighting	ROB	C_Other	Xcel	SPS	2.29	0.94
407	Ind - Air Compressor Optimization	REPLACE	Manufacturing	Xcel	SPS	2.28	0.94
408	Ind - LED Lighting for Industrial Applications	NEW	C_Mining Oil & Gas Extraction	Xcel	SPS	2.24	0.94
409	Ind - LED Lighting for Industrial Applications	ROB	C_Mining Oil & Gas Extraction	Xcel	SPS	2.24	0.94
410	Ind - LED Lighting for Industrial Applications	NEW	C_Agriculture	Xcel	SPS	2.24	0.94
411	Ind - LED Lighting for Industrial Applications	ROB	C_Agriculture	Xcel	SPS	2.24	0.94
412	Ind - LED Lighting for Industrial Applications	NEW	C_Manufacturing	Xcel	SPS	2.24	0.94
413	Ind - LED Lighting for Industrial Applications	ROB	C_Manufacturing	Xcel	SPS	2.24	0.94
414	Com - Exterior LED Fixture	NEW	C_College	Xcel	SPS	2.24	0.94
415	Com - Exterior LED Fixture	ROB	C_College	Xcel	SPS	2.24	0.94
416	Res - Low Flow Faucet Aerator - 100% Applicable	NEW	R_Manufactured	Xcel	SPS	2.24	0.94
417	Res - Low Flow Faucet Aerator - 100% Applicable	NEW	R_Multi Family	Xcel	SPS	2.24	0.94
418	Res - Low Flow Faucet Aerator - 100% Applicable	NEW	R_Multi Family	Low Income	Xcel	SPS	2.24	0.94
419	Res - Low Flow Faucet Aerator - 100% Applicable	NEW	R_Single Family	Xcel	SPS	2.24	0.94
420	Res - Low Flow Faucet Aerator - 100% Applicable	NEW	R_Single Family	Low Income	Xcel	SPS	2.24	0.94
421	Com - Low Flow Faucet Aerator	NEW	C_Lodging	Xcel	SPS	2.23	0.94
422	Com - Low Flow Faucet Aerator	NEW	C_Restaurant	Xcel	SPS	2.23	0.94
423	Com - Stretch LED Fixture	NEW	C_Other	Xcel	SPS	2.21	0.94
424	Com - Stretch LED Fixture	ROB	C_Other	Xcel	SPS	2.21	0.94
425	Res - Infiltration Reduction - Space Heating - EH + EC	REPLACE	R_Manufactured	Xcel	SPS	2.19	0.94
426	Res - Infiltration Reduction - Space Heating - EH + EC	REPLACE	R_Multi Family	Xcel	SPS	2.19	0.94
427	Res - Infiltration Reduction - Space Heating - EH + EC	REPLACE	R_Multi Family	Low Income	Xcel	SPS	2.19	0.94
428	Res - Infiltration Reduction - Space Heating - EH + EC	REPLACE	R_Single Family	Xcel	SPS	2.19	0.94
429	Res - Infiltration Reduction - Space Heating - EH + EC	REPLACE	R_Single Family	Low Income	Xcel	SPS	2.19	0.94
430	Com - Interior LED Lamp - PARKING AREA	NEW	C_College	Xcel	SPS	2.10	0.94
431	Com - Interior LED Lamp - PARKING AREA	ROB	C_College	Xcel	SPS	2.10	0.94
432	Com - Room Air Conditioners	REPLACE	C_Retail	Xcel	SPS	2.10	0.94
433	Com - Interior LED Lamp - PARKING AREA	NEW	C_Grocery	Xcel	SPS	2.09	0.94
434	Com - Interior LED Lamp - PARKING AREA	ROB	C_Grocery	Xcel	SPS	2.09	0.94
435	Com - Interior LED Lamp - PARKING AREA	ROB	C_School	Xcel	SPS	2.09	0.94
436	Com - Room Air Conditioners	NEW	C_Lodging	Xcel	SPS	2.05	0.94
437	Com - Stretch LED Fixture	NEW	C_Grocery	Xcel	SPS	2.05	0.94
438	Com - Stretch LED Fixture	ROB	C_Grocery	Xcel	SPS	2.05	0.94
439	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_College	Xcel	SPS	2.05	0.94
440	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_College	Xcel	SPS	2.02	0.94
441	Ind - Air Compressor Optimization	REPLACE	Mining Oil & Gas Extraction	Xcel	SPS	2.02	0.94
442	Ind - Air Compressor Optimization	REPLACE	Agriculture	Xcel	SPS	2.02	0.94
443	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_Office	Xcel	SPS	1.99	0.94
444	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_Office	Xcel	SPS	1.99	0.94
445	Com - Electronically Commutated Motors (ECMs)	NEW	C_Lodging	Xcel	SPS	1.98	0.94
446	Com - Electronically Commutated Motors (ECMs)	ROB	C_Lodging	Xcel	SPS	1.98	0.94
447	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	NEW	R_Manufactured	1.95	0.94
448	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	NEW	R_Multi Family	1.95	0.94
449	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	NEW	R_Multi Family	Low Income	1.95	0.94
450	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	NEW	R_Single Family	1.95	0.94
451	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	NEW	R_Single Family	Low Income	1.95	0.94
452	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	ROB	R_Manufactured	1.95	0.94
453	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	ROB	R_Multi Family	1.95	0.94
454	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	ROB	R_Multi Family	Low Income	1.95	0.94
455	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	ROB	R_Single Family	1.95	0.94
456	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	ROB	R_Single Family	Low Income	1.95	0.94
457	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_Other	Xcel	SPS	1.94	0.94
458	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_Other	Xcel	SPS	1.94	0.94
459	Com - Water Source Heat Pump	NEW	C_Lodging	Xcel	SPS	1.91	0.94
460	Com - Water Source Heat Pump	ROB	C_Lodging	Xcel	SPS	1.91	0.94
461	Com - Water Source Heat Pump	NEW	C_Retail	Xcel	SPS	1.91	0.94
462	Com - Water Source Heat Pump	ROB	C_Retail	Xcel	SPS	1.91	0.94
463	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_Retail	Xcel	SPS	1.91	0.94
464	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_Retail	Xcel	SPS	1.91	0.94
465	Com - Chillers (air cooled, centrifugal, screw/vane)	NEW	C_School	Xcel	SPS	1.73	0.94
466	Com - Chillers (air cooled, centrifugal, screw/vane)	ROB	C_School	Xcel	SPS	1.73	0.94
467	Com - LED Fixture - High Mast Luminaire Bay	NEW	C_Other	Xcel	SPS	1.72	0.94
468	Com - LED Fixture - High Mast Luminaire Bay	ROB	C_Other	Xcel	SPS	1.72	0.94

Rank	Measure	TRC Ratio	Cumulative Potential ($MWyear)
246	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	4.16	0.57
247	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family Low Income	Xcel	SPS	4.10	0.57
248	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Lodging	Xcel	SPS	4.01	0.57
249	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Lodging	Xcel	SPS	4.01	0.57
250	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Lodging	Xcel	SPS	3.96	0.57
251	Com - Room Air Conditioners	ROB	C_College	Xcel	SPS	3.93	0.76
252	Com - Room Air Conditioners	NEW	C_College	Xcel	SPS	3.93	0.76
253	Com - Room Air Conditioners	NEW	C_Office	Xcel	SPS	3.93	0.92
254	Com - Room Air Conditioners	ROB	C_Office	Xcel	SPS	3.93	0.92
255	Com - Room Air Conditioners	NEW	C_Health	Xcel	SPS	3.94	0.92
256	Com - Room Air Conditioners	ROB	C_Health	Xcel	SPS	3.94	0.92
257	Com - Packaged Terminal Heat Pumps	NEW	C_College	Xcel	SPS	3.75	0.92
258	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.75	0.92
259	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.76	0.93
260	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.76	0.93
261	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.76	0.94
262	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.76	0.94
263	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.76	0.94
264	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Xcel	SPS	3.76	0.11
265	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Low Income	Xcel	SPS	3.76	0.11
266	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.76	0.16
267	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	R_Single Family	Low Income	Xcel	SPS	3.76	0.16
268	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.77	0.16
269	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.77	0.16
270	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.77	0.16
271	Res - Linear LEDs - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.77	0.16
272	Com - LED Refrigerated Case Lighting	NEW	C_Lodging	Xcel	SPS	3.76	0.16
273	Com - LED Refrigerated Case Lighting	RET	C_Lodging	Xcel	SPS	3.76	0.16
274	Com - Packaged Terminal Heat Pumps	ROB	C_Health	Xcel	SPS	3.74	0.17
275	Com - Packaged Terminal Air Conditioners	REPLACE	C_Lodging	Xcel	SPS	3.73	0.17
276	Com - Interior Lighting (including high, medium, low bay lamps)	NEW	C_Other	Xcel	SPS	3.73	0.17
277	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Other	Xcel	SPS	3.73	0.17
278	Com - Packaged Terminal Air Conditioners	REPLACE	C_Retail	Xcel	SPS	3.72	0.17
279	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.72	0.17
280	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.72	0.17
281	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.72	0.17
282	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	3.72	0.17
283	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	R_Single Family	Low Income	Xcel	SPS	3.72	0.17
284	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	3.70	0.21
285	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	3.70	0.21
286	Res - Smart Thermostat - Space Heating - EH + EC	NEW	R_Multi Family	Low Income	Xcel	SPS	3.70

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
492	Com - Direct Evaporative Pre-Cooling	NEW	C,Office	Cool	SPS	1.7	646
493	Com - Direct Evaporative Pre-Cooling	NEW	C,Office	Cool	SPS	1.72	646
494	Com - Water Source Heat Pump	NEW	C,Restaurant	Cool	SPS	1.72	646
495	Com - Water Source Heat Pump	NEW	C,Restaurant	Cool	SPS	1.72	646
496	Com - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family	Cool	SPS	1.71	646
497	Com - Direct Evaporative Pre-Cooling	NEW	C,Restaurant	Cool	SPS	1.71	646
498	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Manufactured	Cool	SPS	1.69	646
499	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Multi Family Low Income	Cool	SPS	1.69	646
500	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Multi Family Low Income	Cool	SPS	1.69	646
501	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family	Cool	SPS	1.69	646
502	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family Low Income	Cool	SPS	1.69	646
503	Com - Direct Evaporative Pre-Cooling	NEW	C,Grocery	Cool	SPS	1.64	643
504	Com - Direct Evaporative Pre-Cooling	NEW	C,Grocery	Cool	SPS	1.64	643
505	Com - Room Air Conditioners	RET	C,Warehouse	Heat	SPS	1.63	644
506	Com - Room Air Conditioners	RET	C,Grocery	Heat	SPS	1.63	644
507	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,School	Heat	SPS	1.63	644
508	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,School	Heat	SPS	1.63	644
509	Com - Water Source Heat Pump	NEW	C,College	Heat	SPS	1.61	644
510	Com - Water Source Heat Pump	NEW	C,College	Heat	SPS	1.61	644
511	Com - Water Source Heat Pump	NEW	C,Office	Cool	SPS	1.61	644
512	Com - Water Source Heat Pump	NEW	C,Office	Cool	SPS	1.61	644
513	Com - Guest Room Energy Management	RET	C,Lodging	Cool	SPS	1.61	647
514	Com - Guest Room Energy Management	RET	C,Lodging	Cool	SPS	1.61	647
515	Com - Direct Evaporative Pre-Cooling	RED	C,Other	Heat	SPS	1.61	648
516	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mult	1.60	648
517	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mult	1.60	648
518	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mult	1.60	648
519	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Mult	1.60	648
520	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mult	1.60	648
521	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Mult	1.60	648
522	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Sing	1.60	648
523	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Sing	1.60	648
524	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Sing	1.60	648
525	Com - Water Source Heat Pump	NEW	C,Health	Cool	SPS	1.59	648
526	Com - Water Source Heat Pump	NEW	C,Health	Cool	SPS	1.59	648
527	Com - Direct Evaporative Pre-Cooling	NEW	C,Retail	Heat	SPS	1.59	648
528	Com - Direct Evaporative Pre-Cooling	RED	C,Retail	Cool	SPS	1.59	648
529	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,College	Cool	SPS	1.58	648
530	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,College	Cool	SPS	1.58	648
531	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Manufactured	Cool	SPS	1.57	650
532	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Multi Family	Cool	SPS	1.57	650
533	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Multi Family Low Income	Cool	SPS	1.57	650
534	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Single Family	Cool	SPS	1.57	650
535	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Single Family Low Income	Cool	SPS	1.57	650
536	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Office	Cool	SPS	1.56	651
537	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Office	Cool	SPS	1.56	651
538	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Office	Cool	SPS	1.56	651
539	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Warehouse	Heat	SPS	1.55	651
540	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Warehouse	Heat	SPS	1.55	651
541	Ind - Mist Eliminators	RET	C,Agriculture	Cool	SPS	1.55	647
542	Ind - Mist Eliminators	RET	C,Manufacturing	Heat	SPS	1.55	651
543	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RET	R,Mobile	1.54	652
544	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RET	R,Mobile	1.54	652
545	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RET	R,Single	1.53	651
546	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RET	R,Single	1.53	651
547	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RET	R,Single	1.53	651
548	Com - Exterior Lighting Controls	RET	C,Retail	Heat	SPS	1.53	652
549	Com - Interior Lighting Controls	occupancy sensors	RET	C,Health	Cool	SPS	1.53	652
550	Com - Interior Lighting Controls	occupancy sensors	RET	C,Health	Cool	SPS	1.53	652
551	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	C,Grocery	Cool	SPS	1.53	652
552	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	C,Health	Cool	SPS	1.53	652
553	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	C,Restaurant	Cool	SPS	1.53	652
554	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	C,Restaurant	Heat	SPS	1.53	652
555	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	C,School	Heat	SPS	1.53	652
556	Com - Exterior Lighting Controls	RET	C,Restaurant	Heat	SPS	1.53	652
557	Com - Interior Lighting Controls	occupancy sensors	RET	C,Restaurant	Cool	SPS	1.53	652
558	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Health	Heat	SPS	1.53	652
559	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Health	Heat	SPS	1.53	652
560	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Retail	Cool	SPS	1.53	652
561	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Retail	Cool	SPS	1.53	652
562	Com - Interior Network Connected LED Lamps	NEW	C,Office	Heat	SPS	1.49	653
563	Com - Interior Network Connected LED Lamps	NEW	C,Office	Heat	SPS	1.49	653
564	Com - Interior Network Connected LED Lamps	NEW	C,Lodging	Heat	SPS	1.48	675
565	Com - Interior Network Connected LED Lamps	RED	C,Lodging	Heat	SPS	1.48	675
566	Com - Water Source Heat Pump	NEW	C,Warehouse	Cool	SPS	1.48	676
567	Com - Direct Evaporative Pre-Cooling	RED	C,College	Heat	SPS	1.48	676
568	Com - Zero Energy Doors	RET	C,Office	Heat	SPS	1.46	676
569	Com - Zero Energy Doors	RET	C,Office	Heat	SPS	1.46	676
570	Com - Zero Energy Doors	RET	C,Grocery	Cool	SPS	1.46	676
571	Com - Zero Energy Doors	RET	C,Grocery	Cool	SPS	1.46	676
572	Com - Zero Energy Doors	RET	C,Lodging	Heat	SPS	1.46	676
573	Com - Zero Energy Doors	RET	C,Office	Heat	SPS	1.46	676
574	Com - Zero Energy Doors	RET	C,Other	Heat	SPS	1.46	676
575	Com - Zero Energy Doors	RET	C,Restaurant	Heat	SPS	1.46	676
576	Com - Zero Energy Doors	RET	C,Retail	Heat	SPS	1.46	676
577	Com - Zero Energy Doors	RET	C,Warehouse	Heat	SPS	1.46	676
578	Com - Zero Energy Doors	RET	C,Warehouse	Cool	SPS	1.46	676
579	Com - Water Source Heat Pump	NEW	C,Warehouse	Cool	SPS	1.46	676
580	Com - Water Source Heat Pump	NEW	C,Warehouse	Cool	SPS	1.46	676
581	Com - Interior Network Connected LED Lamps	NEW	C,School	Cool	SPS	1.45	677
582	Com - Interior Network Connected LED Lamps	RED	C,School	Cool	SPS	1.45	677
583	Com - Interior Network Connected LED Lamps	NEW	C,School	Heat	SPS	1.45	678
584	Com - Interior Network Connected LED Lamps	RED	C,School	Heat	SPS	1.45	678
585	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Single Family	Cool	SPS	1.44	678
586	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Single Family	Cool	SPS	1.44	678
587	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Mult Family	Cool	SPS	1.44	678
588	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Mult Family	Cool	SPS	1.44	678
589	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Mult Family Low Income	Cool	SPS	1.44	678
590	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	RED	R,Mult Family Low Income	Cool	SPS	1.44	678
591	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	NEW	R,Single Family	Low Income	Heat	SPS	1.44	678
592	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	NEW	R,Single Family	Low Income	Heat	SPS	1.44	678
593	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	NEW	R,Manufactured	Cool	SPS	1.44	678
594	Res - High Efficiency AC/HP Equipment	<17 SEER - 10% Applicable	NEW	R,Manufactured	Cool	SPS	1.44	678
595	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	NEW	R,Restaurant	Cool	SPS	1.43	678
596	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Manufactured	Cool	SPS	1.43	697
597	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Multi Family	Cool	SPS	1.43	698
598	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Multi Family	Cool	SPS	1.43	698
599	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Multi Family Low Income	Cool	SPS	1.43	698
600	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Multi Family Low Income	Cool	SPS	1.43	698
601	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	NEW	R,Single Family	Cool	SPS	1.43	698
602	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	NEW	R,Single Family	Cool	SPS	1.43	698
603	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Single Family	Cool	SPS	1.43	698
604	Com - Ductless Mini Split Heat Pumps	Space Heating - GH + EC	RED	R,Single Family	Low Income	Cool	SPS	1.43	698
605	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Restaurant	Heat	SPS	1.42	698
606	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Restaurant	Heat	SPS	1.42	698
607	Com - Interior Network Connected LED Lamps	NEW	C,College	Cool	SPS	1.41	698
608	Com - Interior Network Connected LED Lamps	RED	C,College	Cool	SPS	1.41	698
609	Com - Interior Network Connected LED Fixtures	NEW	C,Lodging	Cool	SPS	1.41	698
610	Com - Interior Network Connected LED Fixtures	RED	C,Lodging	Cool	SPS	1.41	698
611	Res - Infiltration - Space Heating - GH + NC	RET	R,Manufactured	Cool	SPS	1.40	698
612	Res - Infiltration - Space Heating - GH + NC	RET	R,Multi Family	Cool	SPS	1.40	698
613	Res - Infiltration - Space Heating - GH + NC	RET	R,Multi Family Low Income	Cool	SPS	1.40	698
614	Res - Infiltration - Space Heating - GH + NC	RET	R,Single Family	Cool	SPS	1.40	698
615	Res - Infiltration - Space Heating - GH + NC	RET	R,Single Family Low Income	Cool	SPS	1.40	698
616	Com - Water Source Heat Pump	NEW	C,Grocery	Cool	SPS	1.39	698
617	Com - Water Source Heat Pump	NEW	C,Grocery	Cool	SPS	1.39	698
618	Com - Interior Network Connected LED Lamps	NEW	C,Retail	Heat	SPS	1.39	698
619	Com - Interior Network Connected LED Lamps	RED	C,Retail	Heat	SPS	1.39	698
620	Com - New Construction - Lighting Power Density	NEW	C,College	Heat	SPS	1.38	698
621	Com - New Construction - Lighting Power Density	NEW	C,College	Heat	SPS	1.38	698
622	Com - New Construction - Lighting Power Density	NEW	C,Grocery	Heat	SPS	1.37	698
623	Com - New Construction - Lighting Power Density	NEW	C,Grocery	Heat	SPS	1.37	698
624	Com - New Construction - Lighting Power Density	NEW	C,Health	Cool	SPS	1.37	698
625	Com - New Construction - Lighting Power Density	NEW	C,Lodging	Cool	SPS	1.37	698
626	Com - New Construction - Lighting Power Density	NEW	C,Restaurant	Cool	SPS	1.37	698
627	Com - New Construction - Lighting Power Density	NEW	C,Office	Cool	SPS	1.37	698
628	Com - New Construction - Lighting Power Density	NEW	C,Other	Cool	SPS	1.37	698
629	Com - New Construction - Lighting Power Density	NEW	C,Restaurant	Heat	SPS	1.37	698
630	Com - New Construction - Lighting Power Density	NEW	C,Retail	Cool	SPS	1.37	698
631	Com - New Construction - Lighting Power Density	NEW	C,Warehouse	Cool	SPS	1.37	698
632	Com - New Construction - Lighting Power Density	NEW	C,Warehouse	Heat	SPS	1.37	698
633	Com - Interior Network Connected LED Lamps	NEW	C,College	Cool	SPS	1.37	717
634	Com - Interior Network Connected LED Lamps	RED	C,College	Cool	SPS	1.37	717
635	Com - Exterior Lighting Controls	RET	C,Grocery	Heat	SPS	1.35	717
636	Com - Interior Network Connected LED Fixtures	NEW	C,Grocery	Cool	SPS	1.35	717
637	Com - Interior Network Connected LED Fixtures	RED	C,Grocery	Cool	SPS	1.35	717
638	Com - Interior Network Connected LED Fixtures	NEW	C,Other	Heat	SPS	1.35	717
639	Com - Interior Network Connected LED Fixtures	RED	C,Other	Heat	SPS	1.35	717
640	Com - High Efficiency Central Heat Pump System	NEW	C,Retail	Cool	SPS	1.27	717
641	Com - LED Refrigerated Case Lighting	NEW	C,Other	Heat	SPS	1.27	717
642	Com - LED Refrigerated Case Lighting	NEW	C,Other	Heat	SPS	1.27	717
643	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
644	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
645	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
646	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
647	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
648	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Mu	1.26	717
649	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Sing	1.26	717
650	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Sing	1.26	717
651	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Sing	1.26	717
652	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + NC	NEW	R,Sing	1.26	717
653	Com - High Efficiency Central Heat Pump System	NEW	C,Lodging	Heat	SPS	1.26	733
654	Com - High Efficiency Central Heat Pump System	NEW	C,Restaurant	Cool	SPS	1.26	733
655	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Restaurant	Cool	SPS	1.25	733
656	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Restaurant	Cool	SPS	1.25	733
657	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,Restaurant	Cool	SPS	1.25	733
658	Com - Water Source Heat Pump	NEW	C,Office	Heat	SPS	1.25	733
659	Com - Interior Network Connected LED Fixtures	NEW	C,School	Cool	SPS	1.23	735
660	Com - Interior Network Connected LED Fixtures	RED	C,School	Cool	SPS	1.23	735
661	Com - Interior Network Connected LED Lamps	NEW	C,Restaurant	Heat	SPS	1.23	735
662	Com - Interior Network Connected LED Lamps	RED	C,Restaurant	Heat	SPS	1.23	735
663	Com - Interior Lighting Controls	RET	C,Retail	Cool	SPS	1.23	737
664	Com - Interior Lighting Controls	occupancy sensors	RET	C,Retail	Heat	SPS	1.23	737
665	Com - Exterior Lighting Controls	RET	C,Retail	Cool	SPS	1.23	737
666	Com - Exterior Lighting Controls	RET	C,Retail	Heat	SPS	1.23	737
667	Com - Interior Lighting Controls	occupancy sensors	RET	C,Warehouse	Cool	SPS	1.21	738
668	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Manufactured	Cool	SPS	1.14	738
669	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Manufactured	Cool	SPS	1.14	738
670	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Manufactured	Cool	SPS	1.14	738
671	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Manufactured	Cool	SPS	1.14	738
672	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Multi Family	Cool	SPS	1.14	738
673	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Multi Family	Cool	SPS	1.14	738
674	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Multi Family	Cool	SPS	1.14	738
675	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Multi Family	Cool	SPS	1.14	738
676	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Multi Family	Low Income	Cool	SPS	1.14	738
677	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Multi Family	Low Income	Cool	SPS	1.14	738
678	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Single Family	Cool	SPS	1.14	738
679	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Single Family	Cool	SPS	1.14	738
680	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Single Family	Cool	SPS	1.14	738
681	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Single Family	Low Income	Cool	SPS	1.14	738
682	Com - Water Source Heat Pump	NEW	C,Lodging	Heat	SPS	1.13	738
683	Com - Ductless Mini Split Heat Pumps	RED	C,Retail	Cool	SPS	1.13	738
684	Com - Water Source Heat Pump	NEW	C,Other	Heat	SPS	1.13	738
685	Com - Interior Network Connected LED Fixtures	NEW	C,Health	Cool	SPS	1.13	738
686	Com - Interior Network Connected LED Fixtures	NEW	C,Health	Cool	SPS	1.13	738
687	Com - Interior Network Connected LED Fixtures	NEW	C,Retail	Cool	SPS	1.13	738
688	Com - Interior Network Connected LED Fixtures	NEW	C,Retail	Cool	SPS	1.13	738
689	Com - Interior Network Connected LED Lamps	NEW	C,Health	Heat	SPS	1.13	738
690	Com - Interior Network Connected LED Lamps	RED	C,Health	Heat	SPS	1.13	738
691	Com - LED Refrigerated Case Lighting	RET	C,Warehouse	Heat	SPS	1.13	738
692	Com - LED Refrigerated Case Lighting	RET	C,Warehouse	Heat	SPS	1.13	738
693	Com - Interior LED Linear Retrofit Kit (includes Troffers)	NEW	C,Lodging	Cool	SPS	1.08	738
694	Com - Interior LED Linear Retrofit Kit (includes Troffers)	RED	C,Lodging	Cool	SPS	1.08	738
695	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Manufactured	Cool	SPS	1.07	738
696	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Manufactured	Heat	SPS	1.07	738
697	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Multi Family	Cool	SPS	1.07	738
698	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Multi Family	Heat	SPS	1.07	738
699	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Single Family	Cool	SPS	1.07	738
700	Com - Smart WiFi Plugs - 100% Applicable	RET	R,Single Family	Low Income	Heat	SPS	1.07	738
701	Com - Interior Network Connected LED Fixtures	NEW	C,Restaurant	Cool	SPS	1.06	738
702	Com - Interior Network Connected LED Fixtures	RED	C,Restaurant	Cool	SPS	1.06	738
703	Com - High Efficiency Central Heat Pump System	NEW	C,Office	Cool	SPS	1.06	1,033
704	Com - High Efficiency Central Heat Pump System	RED	C,Office	Cool	SPS	1.06	1,033
705	Com - Direct Evaporative Pre-Cooling	NEW	C,School	Cool	SPS	1.05	1,121
706	Com - Direct Evaporative Pre-Cooling	RED	C,School	Cool	SPS	1.05	1,121
707	Com - LED Refrigerated Case Lighting	RET	C,Grocery	Heat	SPS	1.05	1,121
708	Com - Exterior Lighting Controls	RET	C,Other	Cool	SPS	1.05	1,121
709	Com - Interior Lighting Controls	occupancy sensors	RET	C,Other	Heat	SPS	1.05	1,121
710	Res - HVAC Tune-Ups	RED	R,Single Family	Cool	SPS	1.05	1,128
711	Res - HVAC Tune-Ups - 100% Applicable	RET	R,Manufactured	Cool	SPS	1.05	1,128
712	Res - HVAC Tune-Ups - 100% Applicable	RET	R,Multi Family	Cool	SPS	1.05	1,128
713	Res - HVAC Tune-Ups - 100% Applicable	RET	R,Single Family	Cool	SPS	1.05	1,128
714	Com - Water Source Heat Pump	NEW	C,Restaurant	Cool	SPS	1.05	1,147
715	Com - Water Source Heat Pump	NEW	C,School	Cool	SPS	1.05	1,147
716	Com - RTU with Demand Control	RET	C,College	Heat	SPS	1.05	1,148
717	Com - RTU with Demand Control	RET	C,Grocery	Heat	SPS	1.05	1,150

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
492	Com - Direct Evaporative Pre-Cooling	NEW	C,Office	Cool	SPS	1.7	646
493	Com - Direct Evaporative Pre-Cooling	RED	C,Office	Cool	SPS	1.72	646
494	Com - Water Source Heat Pump	NEW	C,Restaurant	Cool	SPS	1.72	646
495	Com - Water Source Heat Pump	RED	C,Restaurant	Cool	SPS	1.72	646
496	Com - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family	Cool	SPS	1.71	646
497	Com - Direct Evaporative Pre-Cooling	RED	C,Restaurant	Cool	SPS	1.71	646
498	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Manufactured	Cool	SPS	1.69	646
499	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Multi Family Low Income	Cool	SPS	1.69	646
500	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Multi Family Low Income	Cool	SPS	1.69	646
501	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family	Cool	SPS	1.69	646
502	Res - Ceiling Insulation - Space Heating - GH + EC	RET	R,Single Family Low Income	Cool	SPS	1.69	646
503	Com - Direct Evaporative Pre-Cooling	NEW	C,Grocery	Cool	SPS	1.64	643
504	Com - Direct Evaporative Pre-Cooling	RED	C,Grocery	Cool	SPS	1.64	643
505	Com - Room Air Conditioners	RET	C,Warehouse	Cool	SPS	1.63	644
506	Com - Room Air Conditioners	RET	C,Grocery	Cool	SPS	1.63	644
507	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,School	Heat	SPS	1.63	644
508	Com - Interior LED Fixture - High Mast Bare Lamp	RED	C,School	Heat	SPS	1.63	644
509	Com - Water Source Heat Pump	NEW	C,College	Heat	SPS	1.61	644
510	Com - Water Source Heat Pump	NEW	C,College	Heat	SPS	1.61	644
511	Com - Water Source Heat Pump	NEW	C,Office	Cool	SPS	1.61	644
512	Com - Water Source Heat Pump	NEW	C,Office	Cool	SPS	1.61	644
513	Com - Guest Room Energy Management	RET	C,Lodging	Cool	SPS	1.61	647
514	Com - Guest Room Energy Management	RET	C,Lodging	Cool	SPS	1.61	647
515	Com - Direct Evaporative Pre-Cooling	RED	C,Other	Heat	SPS	1.61	648
516	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mu	1.60	648
517	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mu	1.60	648
518	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mu	1.60	648
519	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Mu	1.60	648
520	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Mu	1.60	648
521	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Mu	1.60	648
522	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Sing	1.60	648
523	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	NEW	R,Sing	1.60	648
524	Res - LED Lamps	General Service Lamps including A Lamps, Specialty Lamps	Space Heating - GH + EC	RED	R,Sing	1.60	648
525	Com - Water Source Heat Pump	NEW	C,Health	Cool	SPS	1.59	648
526	Com - Water Source Heat Pump	NEW	C,Health	Cool	SPS	1.59	648
527	Com - Direct Evaporative Pre-Cooling	NEW	C,Retail	Heat	SPS	1.59	648
528	Com - Direct Evaporative Pre-Cooling	RED	C,Retail	Cool	SPS	1.59	648
529	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,College	Cool	SPS	1.58	648
530	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,College	Cool	SPS	1.58	648
531	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Manufactured	Cool	SPS	1.57	650
532	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Multi Family	Cool	SPS	1.57	650
533	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Multi Family Low Income	Cool	SPS	1.57	650
534	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Single Family	Cool	SPS	1.57	650
535	Res - Infiltration Reduction - Space Heating - GH + NC	RET	R,Single Family Low Income	Cool	SPS	1.57	650
536	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Office	Cool	SPS	1.56	651
537	Com - Interior LED Fixture - High Mast Bare Lamp	NEW	C,Office	Cool	SPS	1.56	651
538	Com - Interior LED Fixture - High Mast

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
756	Com - RTU with Demand Control (RET) C_Health (Xcel) (SPS)	1.03	1.154
759	Com - RTU with Demand Control (RET) C_Lodging (Xcel) (SPS)	1.03	1.154
760	Com - RTU with Demand Control (RET) C_Office (Xcel) (SPS)	1.03	1.156
761	Com - RTU with Demand Control (RET) C_Other (Xcel) (SPS)	1.03	1.154
762	Com - RTU with Demand Control (RET) C_Restaurant (Xcel) (SPS)	1.03	1.154
763	Com - RTU with Demand Control (RET) C_Retail (Xcel) (SPS)	1.03	1.154
764	Com - RTU with Demand Control (RET) C_School (Xcel) (SPS)	1.03	1.156
765	Com - Water Heater Pipe Insulation (RET) C_All (Xcel) (SPS)	1.03	1.158
766	Com - Water Heater Control Heat Pump System (RER) C_Lodging (Xcel) (SPS)	1.02	1.158
767	Com - High Efficiency Central Heat Pump System (RER) C_College (Xcel) (SPS)	1.02	1.158
768	Com - High Efficiency Central Heat Pump System (RER) C_Health (Xcel) (SPS)	1.01	1.232
769	Com - High Efficiency Central Heat Pump System (RER) C_Health (Xcel) (SPS)	1.01	1.236
770	Com - Water Heater Control Heat Pump System (RER) C_Lodging (Xcel) (SPS)	1.01	1.236
771	Com - Water Heater Control Heat Pump System (RER) C_Restaurant (Xcel) (SPS)	1.01	1.236
772	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) C_Other (Xcel) (SPS)	1.00	1.239
773	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) C_Other (Xcel) (SPS)	1.00	1.239
774	Com - Direct Evaporative Pre-Cooling (NER) C_Warehouse (Xcel) (SPS)	0.99	1.243
775	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) C_Lodging (Xcel) (SPS)	0.98	1.243
776	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) C_Lodging (Xcel) (SPS)	0.98	1.243
777	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (RER) C_Lodging (Xcel) (SPS)	0.98	1.243
778	Com - Exterior Lighting Controls (RET) C_Office (Xcel) (SPS)	0.96	1.243
779	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_Office (Xcel) (SPS)	0.96	1.243
780	Com - Interior LED Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
781	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
782	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
783	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
784	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Multi Family) (Xcel) (SPS)	0.95	1.243
785	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Multi Family) (Xcel) (SPS)	0.95	1.243
786	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Multi Family Low Income) (Xcel) (SPS)	0.95	1.243
787	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Multi Family Low Income) (Xcel) (SPS)	0.95	1.243
788	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family) (Xcel) (SPS)	0.95	1.243
789	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family) (Xcel) (SPS)	0.95	1.243
770	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
771	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
772	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
773	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
774	Com - LED Indoor Fixture (Per Base Lamp) - Space Heating - EH + EC (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
775	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
776	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Manufactured) (Xcel) (SPS)	0.95	1.243
777	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Multi Family) (Xcel) (SPS)	0.95	1.243
778	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Multi Family) (Xcel) (SPS)	0.95	1.243
779	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
780	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Single Family Low Income) (Xcel) (SPS)	0.95	1.243
781	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Multi Family Low Income) (Xcel) (SPS)	0.95	1.243
782	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Multi Family Low Income) (Xcel) (SPS)	0.95	1.243
783	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Single Family) (Xcel) (SPS)	0.95	1.243
784	Com - Indirect Direct Evaporative Cooler - 100% Applicable (NER) (R_Single Family) (Xcel) (SPS)	0.95	1.243
785	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_School) (Xcel) (SPS)	0.94	1.243
786	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_School) (Xcel) (SPS)	0.94	1.243
787	Com - Water Heater Connected LED Fixtures (RER) C_Grocery (Xcel) (SPS)	0.94	1.237
788	Com - Water Heater Connected LED Fixtures (RER) C_Grocery (Xcel) (SPS)	0.94	1.237
789	Com - LED Refrigerated Case Lighting (NER) C_Retail (Xcel) (SPS)	0.94	1.238
790	Com - High Efficiency Central Heat Pump System (NER) C_Warehouse (Xcel) (SPS)	0.93	1.239
791	Com - High Efficiency Central Heat Pump System (NER) C_Warehouse (Xcel) (SPS)	0.93	1.239
792	Com - Chiller (air cooled, centrifugal, oil-free) (RER) C_Other (Xcel) (SPS)	0.92	1.239
793	Com - Chiller (air cooled, centrifugal, oil-free) (RER) C_Other (Xcel) (SPS)	0.92	1.239
794	Com - High Efficiency Packaged Air Conditioning (NER) C_Lodging (Xcel) (SPS)	0.92	1.239
795	Com - High Efficiency Packaged Air Conditioning (NER) C_Lodging (Xcel) (SPS)	0.92	1.239
796	Com - Air compressor VFD (RET) C_Agriculture (Xcel) (SPS)	0.91	1.233
797	Com - Air compressor VFD (RET) C_Agriculture (Xcel) (SPS)	0.91	1.233
798	Com - Air compressor VFD (RET) C_Manufacturing (Xcel) (SPS)	0.91	1.234
799	Com - High Efficiency Packaged Air Conditioning (NER) C_Retail (Xcel) (SPS)	0.91	1.234
800	Com - High Efficiency Packaged Air Conditioning (NER) C_Retail (Xcel) (SPS)	0.91	1.234
801	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_College) (Xcel) (SPS)	0.91	1.235
802	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_College) (Xcel) (SPS)	0.91	1.235
803	Com - Water Heater Connected LED Lamps (NER) C_Grocery (Xcel) (SPS)	0.91	1.236
804	Com - Water Heater Connected LED Lamps (NER) C_Grocery (Xcel) (SPS)	0.91	1.236
805	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Office (Xcel) (SPS)	0.90	1.238
806	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (RER) C_Office (Xcel) (SPS)	0.90	1.238
807	Com - Interior Lighting Controls (RET) C_College (Xcel) (SPS)	0.90	1.238
808	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_College (Xcel) (SPS)	0.90	1.238
809	Com - Chiller (air cooled, centrifugal, oil-free) (NER) (C_Other (Xcel) (SPS)	0.89	1.239
810	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Other (Xcel)	0.89	1.247
811	Com - Water Heater Connected LED Fixtures (NER) C_Warehouse (Xcel) (SPS)	0.88	1.248
812	Com - Water Heater Connected LED Fixtures (NER) C_Warehouse (Xcel) (SPS)	0.88	1.248
813	Com - High Efficiency Central Heat Pump System (NER) C_Grocery (Xcel) (SPS)	0.88	1.270
814	Com - High Efficiency Central Heat Pump System (NER) C_Grocery (Xcel) (SPS)	0.88	1.270
815	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_College (Xcel) (SPS)	0.88	1.271
816	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_Grocery (Xcel) (SPS)	0.88	1.271
817	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_Grocery (Xcel) (SPS)	0.88	1.271
818	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_Lodging (Xcel) (SPS)	0.88	1.271
819	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_Restaurant (Xcel) (SPS)	0.88	1.272
820	Com - Demand Controlled Ventilation - Commercial Kitchens (NER) C_School (Xcel) (SPS)	0.88	1.273
821	Com - Dual Ultra High Heat Pumps (RER) C_Office (Xcel) (SPS)	0.88	1.273
822	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Health) (Xcel) (SPS)	0.88	1.274
823	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Health) (Xcel) (SPS)	0.88	1.274
824	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Retail (Xcel) (SPS)	0.88	1.274
825	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Retail (Xcel) (SPS)	0.88	1.274
826	Com - High Efficiency Packaged Air Conditioning (NER) (C_Restaurant) (Xcel) (SPS)	0.86	1.274
827	Com - High Efficiency Packaged Air Conditioning (NER) (C_Restaurant) (Xcel) (SPS)	0.86	1.274
828	Com - Interior Lighting Controls (RET) C_School (Xcel) (SPS)	0.86	1.275
829	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_School (Xcel) (SPS)	0.86	1.275
830	Com - Interior Lighting Controls (RET) C_Lodging (Xcel) (SPS)	0.86	1.275
831	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_Lodging (Xcel) (SPS)	0.86	1.275
832	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_School (Xcel) (SPS)	0.84	1.276
833	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_School (Xcel) (SPS)	0.84	1.276
834	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Manufactured (Xcel) (SPS)	0.83	1.276
835	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Manufactured (Xcel) (SPS)	0.83	1.276
836	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Multi Family) (Xcel) (SPS)	0.83	1.276
837	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Multi Family) (Xcel) (SPS)	0.83	1.276
838	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Multi Family Low Income)	0.83	1.276
839	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Multi Family Low Income)	0.83	1.276
840	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Single Family) (Xcel) (SPS)	0.83	1.276
841	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Single Family) (Xcel) (SPS)	0.83	1.276
842	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Single Family Low Income	0.83	1.276
843	Com - Central heat pumps for space heating (replace FAC) - Space Heating - EH + EC) (NER) (R_Single Family Low Income	0.83	1.276
844	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Restaurant) (Xcel) (SPS)	0.82	1.276
845	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Restaurant) (Xcel) (SPS)	0.82	1.276
846	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_College) (Xcel)	0.81	1.277
847	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_College) (Xcel) (SPS)	0.81	1.277
848	Com - High Efficiency Packaged Air Conditioning (NER) C_College (Xcel) (SPS)	0.81	1.279
849	Com - High Efficiency Packaged Air Conditioning (NER) C_College (Xcel) (SPS)	0.81	1.279
850	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Office (Xcel) (SPS)	0.81	1.280
851	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Office (Xcel	0.81	1.280
852	Com - High Efficiency Packaged Air Conditioning (NER) C_Office (Xcel) (SPS)	0.81	1.280
853	Com - High Efficiency Packaged Air Conditioning (NER) C_Office (Xcel) (SPS)	0.81	1.280
854	Com - High Efficiency Packaged Air Conditioning (RER) C_Health (Xcel) (SPS)	0.81	1.282
855	Com - High Efficiency Packaged Air Conditioning (RER) C_Health (Xcel) (SPS)	0.81	1.282
856	Com - Zero Energy Doors (RER) C_Grocery (Xcel) (SPS)	0.79	1.335
857	Com - Zero Energy Doors (RER) C_Grocery (Xcel) (SPS)	0.79	1.335
858	Com - Zero Energy Doors (RER) C_Lodging (Xcel) (SPS)	0.79	1.336
859	Com - Zero Energy Doors (RER) C_Lodging (Xcel) (SPS)	0.79	1.336
860	Com - Zero Energy Doors (RER) C_Office (Xcel) (SPS)	0.79	1.337
861	Com - Zero Energy Doors (RER) C_Office (Xcel) (SPS)	0.79	1.337
862	Com - Zero Energy Doors (RER) C_Restaurant (Xcel) SPS	0.79	1.337
863	Com - Zero Energy Doors (RER) C_Restaurant (Xcel) SPS	0.79	1.337
864	Com - Zero Energy Doors (RER) C_Warehouse (Xcel) SPS	0.79	1.337
865	Com - Zero Energy Doors (RER) C_Warehouse (Xcel) SPS	0.79	1.337
866	Com - Advanced Power Strips - 100% Applicable (RET) (R_Manufactured (Xcel) (SPS)	0.79	1.337
867	Com - Advanced Power Strips - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.79	1.337
868	Com - Advanced Power Strips - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.79	1.337
869	Com - Advanced Power Strips - 100% Applicable (RET) (R_Multi Family Low Income (Xcel) (SPS)	0.79	1.337
870	Com - Advanced Power Strips - 100% Applicable (RET) (R_Single Family) (Xcel) (SPS)	0.79	1.337
871	Com - Advanced Power Strips - 100% Applicable (RET) (R_Single Family) (Xcel) (SPS)	0.79	1.337
872	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Health (Xcel)	0.77	1.338
873	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Health (Xcel	0.77	1.338
874	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (RER) (C_Retail (Xcel	0.77	1.338
875	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (RER) (C_Retail (Xcel	0.77	1.338
876	Com - High Efficiency Central Heat Pump System (NER) C_School (Xcel) (SPS)	0.77	1.338
877	Com - High Efficiency Central Heat Pump System (NER) C_School (Xcel) (SPS)	0.77	1.338
878	Com - High Efficiency Central Heat Pump System (RER) C_Other (Xcel) (SPS)	0.76	1.339
879	Com - High Efficiency Central Heat Pump System (RER) C_Other (Xcel) (SPS)	0.76	1.339
880	Com - Dual Ultra High Heat Pumps (RER) C_School (Xcel) (SPS)	0.76	1.339
881	Com - Dual Ultra High Heat Pumps (RER) C_School (Xcel) (SPS)	0.76	1.339
882	Com - LED Refrigerated Case Lighting (NER) C_Health (Xcel) (SPS)	0.74	1.339
883	Com - LED Refrigerated Case Lighting (NER) C_Health (Xcel) (SPS)	0.74	1.339
884	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Manufactured) (Xcel) (SPS)	0.74	1.339
885	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Manufactured (Xcel) (SPS)	0.75	1.339
886	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Manufactured (Xcel) (SPS)	0.75	1.339
887	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Multi Family) (Xcel) (SPS)	0.75	1.339
888	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Multi Family) (Xcel) (SPS)	0.75	1.339
889	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Multi Family Low Income (Xcel) (SPS)	0.75	1.339
890	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Multi Family Low Income (Xcel) (SPS)	0.75	1.339
891	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family) (Xcel) (SPS)	0.75	1.339
892	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family) (Xcel) (SPS)	0.75	1.339
893	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel)	0.75	1.339
894	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel	0.75	1.339
895	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel) (SPS)	0.75	1.339
896	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel) (SPS)	0.75	1.339
897	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel) (SPS)	0.75	1.339
898	Com - LED Indoor Fixture (Per Base Lamps - Space Heating - EH + NC) (NER) (R_Single Family Low Income (Xcel) (SPS)	0.75	1.339
899	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Single Family Low Income) (Xcel) (SPS)	0.73	1.341
900	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Single Family Low Income) (Xcel) (SPS)	0.73	1.341
901	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Manufactured) (Xcel) (SPS)	0.73	1.341
902	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Manufactured) (Xcel) (SPS)	0.73	1.341
903	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Multi Family) (Xcel) (SPS)	0.73	1.341
904	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Multi Family) (Xcel) (SPS)	0.73	1.341
905	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Multi Family Low Income) (Xcel) (SPS)	0.73	1.341
906	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Multi Family Low Income) (Xcel) (SPS)	0.73	1.341
907	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Single Family) (Xcel) (SPS)	0.73	1.341
908	Com - High Efficiency Air Conditioner - 100% Applicable (NER) (R_Single Family) (Xcel) (SPS)	0.73	1.341
909	Com - High Efficiency Air Conditioner - 100% Applicable (RER) (R_Single Family) (Xcel) (SPS)	0.73	1.341
910	Com - High Efficiency Air Conditioner - 100% Applicable (RER) (R_Single Family) (Xcel) (SPS)	0.73	1.341
911	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Restaurant (Xcel)	0.73	1.341
912	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (RER) (C_Restaurant (Xcel	0.73	1.341
913	Com - High Efficiency Packaged Air Conditioning (NER) C_Warehouse (Xcel) (SPS)	0.73	1.342
914	Com - LED Refrigerated Case Lighting (NER) C_Restaurant (Xcel) (SPS)	0.72	1.342
915	Com - LED Refrigerated Case Lighting (NER) C_Restaurant (Xcel) (SPS)	0.72	1.342
916	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Grocery (Xcel) (SPS)	0.72	1.342
917	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Grocery (Xcel) (SPS)	0.72	1.342
918	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Manufactured) (Xcel) (SPS)	0.70	1.346
919	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.70	1.346
920	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.70	1.346
921	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Multi Family Low Income) (Xcel) (SPS)	0.70	1.346
922	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Single Family) (Xcel) (SPS)	0.70	1.346
923	Com - Low-emissivity coating for standard windows - 100% Applicable (RET) (R_Single Family Low Income) (Xcel) (SPS)	0.70	1.346
924	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Manufactured) (Xcel) (SPS)	0.70	1.347
925	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Manufactured) (Xcel) (SPS)	0.70	1.347
926	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Multi Family) (Xcel) (SPS)	0.70	1.347
927	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Multi Family) (Xcel) (SPS)	0.70	1.347
928	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Multi Family Low Income (Xcel	0.70	1.347
929	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Multi Family Low Income (Xcel	0.70	1.347
930	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Single Family Low Income (Xcel	0.70	1.347
931	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Single Family Low Income (Xcel	0.70	1.347
932	Com - High Efficiency ASHP Equipment <7 SEER - Space Heating - EH + EC) (RER) (R_Single Family Low Income (Xcel	0.70	1.347
933	Com - High Efficiency Packaged Air Conditioning (NER) C_Grocery (Xcel) (SPS)	0.70	1.347
934	Com - High Efficiency Packaged Air Conditioning (NER) C_Grocery (Xcel) (SPS)	0.70	1.347
935	Com - Heat Pump Water Heater - 100% Applicable (RER) (R_Single Family) (Xcel) (SPS)	0.67	1.376
936	Com - Heat Pump Water Heater - 100% Applicable (RER) (R_Single Family) (Xcel) (SPS)	0.67	1.376
937	Com - Heat Pump Water Heater - 100% Applicable (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.67	1.376
938	Com - Heat Pump Water Heater - 100% Applicable (RER) (R_Single Family Low Income) (Xcel) (SPS)	0.67	1.376
939	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Warehouse) (Xcel) (SPS)	0.67	1.376
940	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (NER) (C_Warehouse) (Xcel) (SPS)	0.67	1.376
941	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (RER) (C_Warehouse) (Xcel) (SPS)	0.67	1.376
942	Com - Interior LED Linear Fixture Retrofit RX (includes Trellis) (RER) (C_Warehouse) (Xcel) (SPS)	0.67	1.376
943	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Manufactured) (Xcel) (SPS)	0.66	1.432
944	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Manufactured) (Xcel) (SPS)	0.66	1.432
945	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.66	1.432
946	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Multi Family) (Xcel) (SPS)	0.66	1.432
947	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Multi Family Low Income (Xcel) (SPS)	0.66	1.432
948	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Multi Family Low Income (Xcel) (SPS)	0.66	1.432
949	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Single Family) (Xcel) (SPS)	0.66	1.432
950	Com - High Efficiency Air Conditioner - 100% Applicable (RET) (R_Single Family) (Xcel) (SPS)	0.66	1.432
951	Com - Dual Ultra High Heat Pumps (RER) C_Grocery (Xcel) (SPS)	0.66	1.433
952	Com - Dual Ultra High Heat Pumps (RER) C_Grocery (Xcel) (SPS)	0.66	1.433
953	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.64	1.434
954	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Manufactured) (Xcel) (SPS)	0.64	1.434
955	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Manufactured) (Xcel) (SPS)	0.64	1.434
956	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Multi Family Low Income (Xcel) (SPS)	0.64	1.434
957	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Multi Family Low Income (Xcel) (SPS)	0.64	1.434
958	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Single Family Low Income (Xcel) (SPS)	0.64	1.434
959	Com - Infiltration Reduction - Space Heating - EH + EC) RET (R_Single Family Low Income (Xcel) (SPS)	0.64	1.434
960	Com - LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Warehouse (Xcel)	0.63	1.436
961	Com - LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Warehouse (Xcel)	0.63	1.436
962	Com - Water Heater Pipe Insulation (RER) C_Grocery (Xcel) (SPS)	0.63	1.436
963	Com - Water Heater Pipe Insulation (RER) C_Grocery (Xcel) (SPS)	0.63	1.436
964	Com - Water Heater Pipe Insulation (RER) C_Lodging (Xcel) (SPS)	0.63	1.436
965	Com - Water Heater Pipe Insulation (RER) C_Lodging (Xcel) (SPS)	0.63	1.436
966	Com - Water Heater Pipe Insulation (RER) C_Restaurant (Xcel) (SPS)	0.63	1.436
967	Com - Water Heater Pipe Insulation (RER) C_Restaurant (Xcel) (SPS)	0.63	1.436
968	Com - Water Heater Pipe Insulation (RER) C_Retail (Xcel) (SPS)	0.63	1.436
969	Com - Water Heater Pipe Insulation (RER) C_Retail (Xcel) (SPS)	0.63	1.436
970	Com - Interior Lighting Controls (RET) C_Other (Xcel) (SPS)	0.62	1.436
971	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_Other (Xcel) (SPS)	0.62	1.436
972	Com - Interior Lighting Controls (RET) C_Retail (Xcel) (SPS)	0.62	1.436
973	Com - Interior Lighting Controls: occupancy/daylight sensors (RET) C_Retail (Xcel) (SPS)	0.62	1.436
974	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
975	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
976	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
977	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
978	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
979	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) (NER) (C_Grocery (Xcel	0.61	1.436
980	Com - Inter

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
984	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Manufactured	Xcel	SPS	0.0	1,4
985	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Manufactured	Xcel	SPS	0.0	1,4
986	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Manufactured	Xcel	SPS	0.0	1,4
987	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.0	1,4
988	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.0	1,4
989	Res - LED Outdoor Fixture - Space Heating - EH + NC	NEW	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
990	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.0	1,4
991	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
992	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family	Xcel	SPS	0.0	1,4
993	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
994	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Multi Family	Xcel	SPS	0.0	1,4
995	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family	Xcel	SPS	0.0	1,4
996	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family	Xcel	SPS	0.0	1,4
997	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family	Xcel	SPS	0.0	1,4
998	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
999	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1000	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1001	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1002	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1003	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1004	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1005	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	0.0	1,4
1006	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	0.0	1,4
1007	Res - LED Outdoor Fixture - Space Heating - EH + NC	NEW	R_Single Family	Xcel	SPS	0.0	1,4
1008	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.0	1,4
1009	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.0	1,4
1010	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family	Xcel	SPS	0.0	1,4
1011	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family	Xcel	SPS	0.0	1,4
1012	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Single Family	Xcel	SPS	0.0	1,4
1013	Res - LED Outdoor Fixture - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	0.0	1,4
1014	Res - LED Outdoor Fixture - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1015	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1016	Res - LED Outdoor Fixture - Space Heating - EH + NC	NEW	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1017	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1018	Res - LED Outdoor Fixture - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1019	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1020	Res - LED Outdoor Fixture - Space Heating - EH + EC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1021	Res - LED Outdoor Fixture - Space Heating - EH + NC	RDB	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1022	Res - LED Outdoor Fixture - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1023	Com - Vending Machine Controls	RET	C_Lodging	Xcel	SPS	0.4	1,4
1024	Com - Vending Machine Controls	RET	C_Restaurant	Xcel	SPS	0.4	1,4
1025	Com - DX RTU Unit of varying sizes	RET	C_Restaurant	Xcel	SPS	0.5	1,4
1026	Com - Vending Machine Controls	RET	C_School	Xcel	SPS	0.5	1,4
1027	Com - DX RTU Unit of varying sizes	RET	C_School	Xcel	SPS	0.5	1,4
1028	Com - High Efficiency Packaged Air Conditioning	RDB	C_School	Xcel	SPS	0.5	1,4
1029	Com - HVAC Variable Frequency Drives	RET	C_College	Xcel	SPS	0.5	1,4
1030	Com - HVAC Variable Frequency Drives	RET	C_Grocery	Xcel	SPS	0.5	1,4
1031	Com - HVAC Variable Frequency Drives	RET	C_Health	Xcel	SPS	0.5	1,4
1032	Com - HVAC Variable Frequency Drives	RET	C_Office	Xcel	SPS	0.5	1,4
1033	Com - HVAC Variable Frequency Drives	RET	C_Office	Xcel	SPS	0.5	1,4
1034	Com - HVAC Variable Frequency Drives	RET	C_Other	Xcel	SPS	0.5	1,4
1035	Com - HVAC Variable Frequency Drives	RET	C_Restaurant	Xcel	SPS	0.5	1,4
1036	Com - HVAC Variable Frequency Drives	RET	C_Retail	Xcel	SPS	0.5	1,4
1037	Com - HVAC Variable Frequency Drives	RET	C_School	Xcel	SPS	0.5	1,4
1038	Com - HVAC Variable Frequency Drives	RET	C_Warehouse	Xcel	SPS	0.5	1,4
1039	Res - Interior operable window/door - Space Heating - EH + NC	RET	R_Manufactured	Xcel	SPS	0.5	1,4
1040	Res - Interior operable window/door - Space Heating - EH + NC	RET	R_Multi Family	Xcel	SPS	0.5	1,4
1041	Res - Interior operable window/door - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	0.5	1,4
1042	Res - Interior operable window/door - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	0.5	1,4
1043	Res - Interior operable window/door - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SPS	0.5	1,4
1044	Com - DX RTU Unit of varying sizes	NEW	C_College	Xcel	SPS	0.5	1,4
1045	Com - DX RTU Unit of varying sizes	NEW	C_Grocery	Xcel	SPS	0.5	1,4
1046	Com - DX RTU Unit of varying sizes	NEW	C_Office	Xcel	SPS	0.5	1,4
1047	Com - DX RTU Unit of varying sizes	NEW	C_Office	Xcel	SPS	0.5	1,4
1048	Com - DX RTU Unit of varying sizes	NEW	C_Health	Xcel	SPS	0.5	1,4
1049	Com - DX RTU Unit of varying sizes	NEW	C_Health	Xcel	SPS	0.5	1,4
1050	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Manufactured	Xcel	SPS	0.4	1,4
1051	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.4	1,4
1052	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1053	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.4	1,4
1054	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SPS	0.4	1,4
1055	Com - Vending Machine Controls	RET	C_College	Xcel	SPS	0.4	1,4
1056	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	0.4	1,4
1057	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.4	1,4
1058	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1059	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.4	1,4
1060	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1061	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	0.4	1,4
1062	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	0.4	1,4
1063	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.4	1,4
1064	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SP	0.4	1,4
1065	Com - DX RTU Unit of varying sizes	NEW	C_Warehouse	Xcel	SPS	0.4	1,4
1066	Com - DX RTU Unit of varying sizes	NEW	C_Grocery	Xcel	SPS	0.4	1,4
1067	Com - DX RTU Unit of varying sizes	NEW	C_Grocery	Xcel	SPS	0.4	1,4
1068	Com - DX RTU Unit of varying sizes	RDB	C_Grocery	Xcel	SPS	0.4	1,4
1069	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Manufactured	Xcel	SPS	0.4	1,4
1070	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.4	1,4
1071	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1072	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.4	1,4
1073	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Single Family Low Income	Xcel	SPS	0.4	1,4
1074	Res - Air Infiltration - Space Heating - EH + NC	RET	R_Manufactured	Xcel	SPS	0.4	1,4
1075	Res - Air Infiltration - Space Heating - EH + NC	RET	R_Multi Family	Xcel	SPS	0.4	1,4
1076	Res - Air Infiltration - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1077	Res - Air Infiltration - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	0.4	1,4
1078	Res - Air Infiltration - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SPS	0.4	1,4
1079	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Manufactured	Xcel	SPS	0.4	1,4
1080	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.4	1,4
1081	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.4	1,4
1082	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.4	1,4
1083	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SPS	0.4	1,4
1084	Res - Heat Pump Water Heater - 100% Applicable	RDB	R_Manufactured	Xcel	SPS	0.3	1,4
1085	Res - Heat Pump Water Heater - 100% Applicable	RDB	R_Multi Family	Xcel	SPS	0.3	1,4
1086	Res - Heat Pump Water Heater - 100% Applicable	RDB	R_Multi Family Low Income	Xcel	SPS	0.3	1,4
1087	Res - Heat Pump Water Heater - 100% Applicable	RDB	R_Single Family	Xcel	SPS	0.3	1,4
1088	Res - Heat Pump Water Heater - 100% Applicable	RDB	R_Single Family Low Income	Xcel	SPS	0.3	1,4
1089	Com - Vending Machine Controls	RET	C_Manufactured	Xcel	SPS	0.3	1,4
1090	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_College	Xcel	SPS	0.3	1,4
1091	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_College	Xcel	SPS	0.3	1,4
1092	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Grocery	Xcel	SPS	0.3	1,4
1093	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Health	Xcel	SPS	0.3	1,4
1094	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Health	Xcel	SPS	0.3	1,4
1095	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Lodging	Xcel	SPS	0.3	1,4
1096	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Lodging	Xcel	SPS	0.3	1,4
1097	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Restaurant	Xcel	SPS	0.3	1,4
1098	Com - ENERGY STAR Hot Food Holding Cabinet	NEW	C_Restaurant	Xcel	SPS	0.3	1,4
1099	Res - Central Air Conditioner Tune-up - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.3	1,4
1100	Res - Central Air Conditioner Tune-up - 10% Applicable	RDB	R_Multi Family Low Income	Xcel	SPS	0.3	1,4
1101	Com - DX RTU Unit of varying sizes	NEW	C_Other	Xcel	SPS	0.3	1,4
1102	Com - DX RTU Unit of varying sizes	RET	C_Other	Xcel	SPS	0.3	1,4
1103	Com - DX RTU Unit of varying sizes	NEW	C_School	Xcel	SPS	0.3	1,4
1104	Com - DX RTU Unit of varying sizes	RET	C_School	Xcel	SPS	0.3	1,4
1105	Com - Duct Sealing - Space Heating	RET	C_Other	Xcel	SPS	0.3	1,4
1106	Res - ENERGY STAR Windows - Space Heating - EH + NC	NEW	R_Manufactured	Xcel	SPS	0.3	1,4
1107	Res - ENERGY STAR Windows - Space Heating - EH + NC	NEW	R_Multi Family	Xcel	SPS	0.3	1,4
1108	Res - ENERGY STAR Windows - Space Heating - EH + NC	NEW	R_Multi Family Low Income	Xcel	SPS	0.3	1,4
1109	Res - ENERGY STAR Windows - Space Heating - EH + NC	RDB	R_Multi Family Low Income	Xcel	SPS	0.3	1,4
1110	Res - ENERGY STAR Windows - Space Heating - EH + NC	NEW	R_Single Family	Xcel	SPS	0.3	1,4
1111	Res - ENERGY STAR Windows - Space Heating - EH + NC	NEW	R_Single Family Low Income	Xcel	SPS	0.3	1,4
1112	Res - ENERGY STAR Windows - Space Heating - EH + NC	RDB	R_Single Family Low Income	Xcel	SPS	0.3	1,4
1113	Com - Duct Blaster Air Leakage Test	RET	C_Restaurant	Xcel	SPS	0.3	1,4
1114	Res - ENERGY STAR Windows - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SP	0.3	1,4
1115	Com - Duct less Mini-Split Heat Pumps	RET	C_Retail	Xcel	SPS	0.3	1,4
1116	Com - Duct less Mini-Split Heat Pumps	RET	C_Restaurant	Xcel	SPS	0.3	1,4
1117	Com - Vending Machine Controls	RET	C_Health	Xcel	SPS	0.3	1,4
1118	Com - Duct less Mini-Split Heat Pumps	RET	C_Lodging	Xcel	SPS	0.3	1,4
1119	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Health	Xcel	SPS	0.3	1,4
1120	Com - Vending Machine Controls	RET	C_Grocery	Xcel	SPS	0.2	1,4
1121	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	0.2	1,4
1122	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RDB	R_Manufactured	Xcel	SPS	0.2	1,4
1123	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.2	1,4
1124	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RDB	R_Multi Family	Xcel	SPS	0.2	1,4
1125	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RDB	R_Multi Family Low Income	Xcel	SPS	0.2	1,4
1126	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	NEW	R_Multi Family Low Income	Xcel	SP	0.2	1,4
1127	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	0.2	1,4
1128	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	0.2	1,4
1129	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RDB	R_Single Family	Xcel	SPS	0.2	1,4
1130	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RDB	R_Single Family Low Income	Xcel	SPS	0.2	1,4
1131	Com - Duct less Mini-Split Heat Pumps	RET	C_Warehouse	Xcel	SPS	0.2	1,4
1132	Com - Duct less Mini-Split Heat Pumps	RET	C_College	Xcel	SPS	0.2	1,4
1133	Com - Duct less Mini-Split Heat Pumps	RET	C_Office	Xcel	SPS	0.2	1,4
1134	Com - Chillers (air cooled, centrifugal, screw)	RET	C_College	Xcel	SPS	0.2	1,4
1135	Com - Duct less Mini-Split Heat Pumps	RET	C_Other	Xcel	SPS	0.2	1,4
1136	Com - Duct less Mini-Split Heat Pumps	RET	C_School	Xcel	SPS	0.2	1,4
1137	Com - Duct less Mini-Split Heat Pumps	RET	C_Office	Xcel	SPS	0.2	1,4
1138	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Office	Xcel	SPS	0.1	1,4
1139	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Lodging	Xcel	SPS	0.1	1,4
1140	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Manufactured	Xcel	SPS	0.1	1,4
1141	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1142	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1143	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1144	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SP	0.1	1,4
1145	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Grocery	Xcel	SPS	0.1	1,4
1146	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1147	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	S	0.1	1,4
1148	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Health	Xcel	SPS	0.1	1,4
1149	Res - Smart ceiling fans - 10% Applicable	NEW	R_Manufactured	Xcel	SPS	0.1	1,4
1150	Res - Smart ceiling fans - 10% Applicable	NEW	R_Multi Family	Xcel	SPS	0.1	1,4
1151	Res - Smart ceiling fans - 10% Applicable	NEW	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1152	Res - Smart ceiling fans - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.1	1,4
1153	Res - Smart ceiling fans - 10% Applicable	NEW	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1154	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1155	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1156	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1157	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1158	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	NEW	R_Manufactured	Xcel	SPS	0.1	1,4
1159	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Manufactured	Xcel	SPS	0.1	1,4
1160	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1161	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1162	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1163	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SP	0.1	1,4
1164	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	S	0.1	1,4
1165	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Grocery	Xcel	SPS	0.1	1,4
1166	Res - Smart ceiling fans - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.1	1,4
1167	Res - Smart ceiling fans - 10% Applicable	NEW	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1168	Res - Smart ceiling fans - 10% Applicable	RET	R_Manufactured	Xcel	SPS	0.1	1,4
1169	Res - Smart ceiling fans - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1170	Res - Smart ceiling fans - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1171	Res - Smart ceiling fans - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.1	1,4
1172	Res - Smart ceiling fans - 10% Applicable	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1173	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Manufactured	Xcel	SPS	0.1	1,4
1174	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1175	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1176	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1177	Res - Air Infiltration - Space Heating - EH + EC	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1178	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Manufactured	Xcel	SPS	0.1	1,4
1179	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1180	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1181	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	0.1	1,4
1182	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SP	0.1	1,4
1183	Res - Network Connected - Indoor LED Lamp - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	S	0.1	1,4
1184	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Lodging	Xcel	SPS	0.1	1,4
1185	Res - Solar Water Heater - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.1	1,4
1186	Res - Solar Water Heater - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.1	1,4
1187	Res - Solar Water Heater - 10% Applicable	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1188	Res - Solar Water Heater - 10% Applicable	RDB	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1189	Res - Programmable Ceiling Fan	RET	R_Single Family	Xcel	SPS	0.1	1,4
1190	Res - Programmable Ceiling Fan	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1191	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	NEW	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1192	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.1	1,4
1193	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	NEW	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1194	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.1	1,4
1195	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RET	R_Single Family Low Income	Xcel	S	0.1	1,4
1196	Res - Heat Pump Dryer - 10% Applicable	NEW	R_Manufactured	Xcel	SPS	0.1	1,4
1197	Res - Heat Pump Dryer - 10% Applicable	NEW	R_Multi Family	Xcel	SPS	0.1	1,4
1198	Res - Heat Pump Dryer - 10% Applicable	NEW	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1199	Res - Heat Pump Dryer - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.1	1,4
1200	Res - Heat Pump Dryer - 10% Applicable	NEW	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1201	Res - Heat Pump Dryer - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.1	1,4
1202	Res - Heat Pump Dryer - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.1	1,4
1203	Res - Heat Pump Dryer - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.1	1,4
1204	Res - Heat Pump Dryer - 10% Applicable	RET	R_Single Family Low Income	Xcel	SPS	0.1	1,4
1205	Com - Chillers (air cooled, centrifugal, screw)	RET	C_Other	Xcel	SPS	0.1	1,4
1206	Res - Solar Water Heater - 10% Applicable	RET	R_Manufactured	Xcel	SPS	0.0	1,4
1207	Res - Solar Water Heater - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.0	1,4
1208	Res - Solar Water Heater - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1209	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RET	R_Manufactured	Xcel	SPS	0.0	1,4
1210	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.0	1,4
1211	Res - Interior operable window/door - Space Heating - EH + EC	RET	R_Multi Family	Xcel	SPS	0.0	1,4
1212	Res - Interior operable window/door - Space Heating - EH + EC	RET	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1213	Res - ENERGY STAR Clothes Washer - 10% Applicable	NEW	R_Manufactured	Xcel	SPS	0.0	1,4
1214	Res - ENERGY STAR Clothes Washer - 10% Applicable	NEW	R_Multi Family	Xcel	SPS	0.0	1,4
1215	Res - ENERGY STAR Clothes Washer - 10% Applicable	NEW	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1216	Res - ENERGY STAR Clothes Washer - 10% Applicable	NEW	R_Single Family	Xcel	SPS	0.0	1,4
1217	Res - ENERGY STAR Clothes Washer - 10% Applicable	NEW	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1218	Res - ENERGY STAR Clothes Washer - 10% Applicable	RET	R_Multi Family	Xcel	SPS	0.0	1,4
1219	Res - ENERGY STAR Clothes Washer - 10% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1220	Res - ENERGY STAR Clothes Washer - 10% Applicable	RET	R_Single Family	Xcel	SPS	0.0	1,4
1221	Res - ENERGY STAR Clothes Washer - 10% Applicable	RET	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1222	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	0.0	1,4
1223	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Multi Family	Xcel	SPS	0.0	1,4
1224	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Multi Family Low Income	Xcel	SPS	0.0	1,4
1225	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Single Family	Xcel	SPS	0.0	1,4
1226	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Single Family Low Income	Xcel	SPS	0.0	1,4
1227	Res - Ceiling Insulation - Space Heating - EH + EC	NEW	R_Manufactured	Xcel	SPS	0.0	1,4
1228	Res - Ceiling Insulation - Space Heating - EH + NC	NEW	R_Manufactured	Xcel	SPS	0.0	1,4

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
1.0	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	1.00
1.01	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	1.00
1.02	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03	1.00
1.03	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.00
1.04	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.00
1.05	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Manufactured | Xcel | SPS	0.03	1.00
1.06	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.00
1.07	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.00
1.08	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.03	1.01
1.09	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.03	1.01
1.10	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.03	1.01
1.11	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family | Xcel | SPS	0.03	1.02
1.12	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.02
1.13	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family Low Income | Xcel | SPS	0.03	1.02
1.14	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.01	1.02
1.15	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.01	1.02
1.16	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.01	1.02
1.17	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.01	1.02
1.18	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.01	1.02
1.19	Ind - Select Motor efficient Pumps | NEW | C_Mining Oil & Gas Extraction | Xcel | SPS	0.01	1.03
1.20	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.01	1.03
1.21	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | All | SPS	0.00	1.03
1.22	Ind - CMUS GMM | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.00	1.06

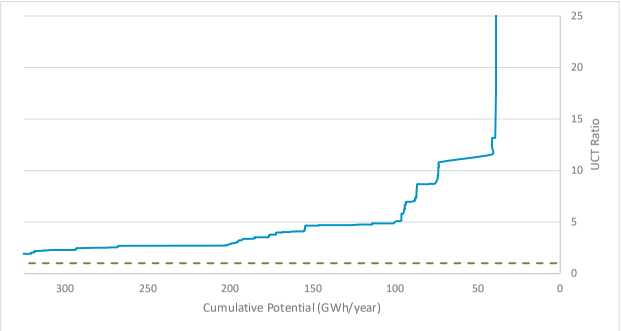
Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
1.23	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	1.10
1.23.1	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	1.10
1.23.2	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03	1.10
1.23.3	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.10
1.23.4	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.10
1.23.5	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Manufactured | Xcel | SPS	0.03	1.10
1.23.6	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.10
1.23.7	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.10
1.23.8	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.03	1.10
1.23.9	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.03	1.10
1.24	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.03	1.10
1.24.1	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family | Xcel | SPS	0.03	1.10
1.24.2	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.10
1.24.3	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family Low Income | Xcel | SPS	0.03	1.10
1.24.4	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.01	1.10
1.24.5	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.01	1.10
1.24.6	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.01	1.10
1.24.7	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.01	1.10
1.24.8	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.01	1.10
1.24.9	Ind - Select Motor efficient Pumps | NEW | C_Mining Oil & Gas Extraction | All | SPS	0.01	1.10
1.25	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | All | SPS	0.01	1.10
1.25.1	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.00	1.10
1.25.2	Ind - CMUS GMM | RETR | C_Mining Oil & Gas Extraction | All | SPS	0.00	1.10

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
1.26	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	1.11
1.26.1	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03 9.712	40.1.0.400.02 0
1.26.2	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03 9.712	40.1.0.400.02 0
1.26.3	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03 9.712	40.1.0.400.02 0
1.26.4	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.5	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Manufactured | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.6	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.7	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.8	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.9	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.1	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.1.1	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.1.2	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.1.3	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family Low Income | Xcel | SPS	0.02 87.667	40.1.0.400.02 0
1.26.1.4	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.00 79.200	40.1.0.400.02 0
1.26.1.5	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.00 79.200	40.1.0.400.02 0
1.26.1.6	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.00 79.200	40.1.0.400.02 0
1.26.1.7	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.00 79.200	40.1.0.400.02 0
1.26.1.8	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.00 79.200	40.1.0.400.02 0
1.26.1.9	Ind - Select Motor efficient Pumps | NEW | C_Mining Oil & Gas Extraction | All | SPS	0.00 22.420	40.1.0.400.02 0
1.26.2	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | All | SPS	0.00 22.420	40.1.0.400.02 0
1.26.2.1	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.00 80.226	40.1.0.400.02 0
1.26.2.2	Ind - CMUS GMM | RETR | C_Mining Oil & Gas Extraction | All | SPS	0.00 97.616	40.1.0.400.02 0

Electric Energy Achievable Potential UTC Supply Curve in 2030

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	3	1
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	65,535.00	4	1
4	Res - Evaporative Cooling - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	7	1
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	7	1
6	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	7	1
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	7	1
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	65,535.00	8	1
9	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	8	1
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	8	1
11	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	65,535.00	8	1
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	65,535.00	9	1
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	65,535.00	10	1
14	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family Low Incou	65,535.00	10	1
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable cel | SPS	65,535.00	10	1
16	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family | Xcel |	65,535.00	16	1
17	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	65,535.00	17	1
18	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	65,535.00	22	1
19	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	28	1
20	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	28	1
21	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	65,535.00	31	1
22	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SP	65,535.00	32	1
23	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	65,535.00	35	1
24	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	65,535.00	38	1
25	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SP	65,535.00	38	1
26	Ind - No Air Loss Drain | RET | I_Agriculture | Xcel | SPS	47.75	39	1
27	Com - Pre-rinse Spray Valves | RET | C_Health | Xcel | SPS	46.88	39	1
28	Com - Pre-rinse Spray Valves | RET | C_Other | Xcel | SPS	46.88	39	1
29	Com - Pre-rinse Spray Valves | RET | C_College | Xcel | SPS	35.19	39	1
30	Com - Pre-rinse Spray Valves | RET | C_Grocery | Xcel | SPS	35.13	39	1
31	Com - Pre-rinse Spray Valves | RET | C_Lodging | Xcel | SPS	35.13	39	1
32	Com - Low-flow Faucet Aerator | NEW | C_Other | Xcel | SPS	17.80	39	1
33	Com - Low-flow Faucet Aerator | RET | C_Other | Xcel | SPS	17.80	39	1
34	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	13.16	39	1
35	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	13.16	40	1
36	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	13.16	40	1
37	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	13.16	41	1
38	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	13.16	41	1
39	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	12.21	41	1
40	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	12.21	41	1
41	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	12.21	41	1
42	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	12.21	41	1
43	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	12.21	41	1
44	Com - Pre-rinse Spray Valves | RET | C_School | Xcel | SPS	11.56	41	1
45	Ind - VFDs on Industrial Fans and Pumps | RET | I_Agriculture | Xcel | SPS	10.81	73	1
46	Com - Packaged Terminal Heat Pumps | NEW | C_Retail | Xcel | SPS	10.51	73	1
47	Com - Packaged Terminal Heat Pumps | ROB | C_Retail | Xcel | SPS	10.51	74	1
48	Com - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Xcel | SPS	10.31	74	1
49	Com - Packaged Terminal Heat Pumps | ROB | C_Restaurant | Xcel | SPS	10.31	74	1
50	Com - Packaged Terminal Heat Pumps | NEW | C_Lodging | Xcel | SPS	10.28	74	1
51	Com - Packaged Terminal Heat Pumps | ROB | C_Lodging | Xcel | SPS	10.28	74	1
52	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	10.26	74	1
53	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	10.26	74	1
54	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	10.26	74	1
55	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	10.26	74	1
56	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	10.26	74	1
57	Com - Pre-rinse Spray Valves | RET | C_Restaurant | Xcel | SPS	10.24	74	1
58	Com - Low-flow Faucet Aerator | NEW | C_College | Xcel | SPS	9.54	74	1
59	Com - Low-flow Faucet Aerator | RET | C_College | Xcel | SPS	9.54	74	1
60	Com - Low-flow Faucet Aerator | RET | C_Office | Xcel | SPS	9.54	74	1
61	Com - Low-flow Faucet Aerator | NEW | C_School | Xcel | SPS	9.54	74	1
62	Com - Low-flow Faucet Aerator | RET | C_School | Xcel | SPS	9.54	74	1
63	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	9.25	74	1
64	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	9.25	74	1
65	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	9.25	74	1
66	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	9.25	74	1
67	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	9.25	74	1
68	Com - Packaged Terminal Heat Pumps | NEW | C_Office | Xcel | SPS	8.73	76	1
69	Com - Packaged Terminal Heat Pumps | ROB | C_Office | Xcel | SPS	8.73	79	1
70	Com - ENERGY STAR Commercial Dishwasher | NEW | C_College | Xcel | SPS	8.72	79	1
71	Com - ENERGY STAR Commercial Dishwasher | ROB | C_College | Xcel | SPS	8.72	79	1
72	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Grocery | Xcel | SPS	8.72	79	1
73	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Grocery | Xcel | SPS	8.72	79	1
74	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Health | Xcel | SPS	8.72	79	1
75	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Health | Xcel | SPS	8.72	79	1

Benefit-Cost Ratios of 65,535.00 are equivalent to infinity, which occurs when costs are zero.



Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
76	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Lodging | Xcel | SPS	8.72	79	1
77	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Lodging | Xcel | SPS	8.72	79	1
78	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Restaurant | Xcel | SPS	8.72	79	1
79	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Restaurant | Xcel | SPS	8.72	79	1
80	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Manufactured | Xcel | S	8.67	80	1
81	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SP	8.67	80	1
82	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family Low Incor	8.67	81	1
83	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family | Xcel | S	8.67	85	1
84	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family Low Inc	8.67	87	1
85	Com - Packaged Terminal Heat Pumps | NEW | C_College | Xcel | SPS	8.42	87	1
86	Com - Packaged Terminal Heat Pumps | ROB | C_College | Xcel | SPS	8.42	87	1
87	Com - Packaged Terminal Heat Pumps | NEW | C_Health | Xcel | SPS	8.30	87	1
88	Com - Packaged Terminal Heat Pumps | ROB | C_Health | Xcel | SPS	8.30	87	1
89	Com - Packaged Terminal Air Conditioners | NEW | C_Lodging | Xcel | SPS	8.27	87	1
90	Com - Packaged Terminal Air Conditioners | ROB | C_Lodging | Xcel | SPS	8.27	87	1
91	Com - Packaged Terminal Air Conditioners | NEW | C_Retail | Xcel | SPS	8.25	87	1
92	Com - Packaged Terminal Air Conditioners | ROB | C_Retail | Xcel | SPS	8.25	87	1
93	Com - Exterior LED Lamp | NEW | C_Lodging | Xcel | SPS	7.92	87	1
94	Com - Exterior LED Lamp | ROB | C_Lodging | Xcel | SPS	7.92	87	1
95	Com - Packaged Terminal Air Conditioners | NEW | C_Restaurant | Xcel | SPS	7.77	87	1
96	Com - Packaged Terminal Air Conditioners | ROB | C_Restaurant | Xcel | SPS	7.77	87	1
97	Com - Packaged Terminal Heat Pumps | NEW | C_Warehouse | Xcel | SPS	7.60	87	1
98	Com - Packaged Terminal Heat Pumps | ROB | C_Warehouse | Xcel | SPS	7.60	87	1
99	Com - Exterior LED Lamp | NEW | C_Health | Xcel | SPS	7.39	87	1
100	Com - Exterior LED Lamp | ROB | C_Health | Xcel | SPS	7.39	88	1
101	Com - Packaged Terminal Air Conditioners | NEW | C_College | Xcel | SPS	7.30	88	1
102	Com - Packaged Terminal Air Conditioners | ROB | C_College | Xcel | SPS	7.30	88	1
103	Com - Packaged Terminal Air Conditioners | NEW | C_Office | Xcel | SPS	7.28	88	1
104	Com - Packaged Terminal Air Conditioners | ROB | C_Office | Xcel | SPS	7.28	88	1
105	Com - Packaged Terminal Heat Pumps | NEW | C_Grocery | Xcel | SPS	7.24	88	1
106	Com - Packaged Terminal Heat Pumps | ROB | C_Grocery | Xcel | SPS	7.24	88	1
107	Com - Packaged Terminal Air Conditioners | NEW | C_Health | Xcel | SPS	7.20	88	1
108	Com - Packaged Terminal Air Conditioners | ROB | C_Health | Xcel | SPS	7.20	88	1
109	Com - Exterior LED Lamp | NEW | C_School | Xcel | SPS	7.16	88	1
110	Com - Exterior LED Lamp | ROB | C_School | Xcel | SPS	7.16	88	1
111	Com - Exterior LED Lamp | NEW | C_Restaurant | Xcel | SPS	7.09	88	1
112	Com - Exterior LED Lamp | ROB | C_Restaurant | Xcel | SPS	7.09	88	1
113	Com - Exterior LED Lamp | NEW | C_Retail | Xcel | SPS	7.03	88	1
114	Com - Exterior LED Lamp | ROB | C_Retail | Xcel | SPS	7.03	89	1
115	Com - Exterior LED Lamp | NEW | C_Office | Xcel | SPS	6.97	90	1
116	Com - Exterior LED Lamp | ROB | C_Office | Xcel | SPS	6.97	93	1
117	Com - Exterior LED Lamp | NEW | C_College | Xcel | SPS	6.80	93	1
118	Com - Exterior LED Lamp | ROB | C_College | Xcel | SPS	6.80	94	1
119	Com - Exterior LED Lamp | NEW | C_Other | Xcel | SPS	6.73	94	1
120	Com - Exterior LED Lamp | ROB | C_Other | Xcel | SPS	6.73	94	1
121	Com - Packaged Terminal Air Conditioners | NEW | C_Warehouse | Xcel | SPS	6.59	94	1
122	Com - Packaged Terminal Air Conditioners | ROB | C_Warehouse | Xcel | SPS	6.59	94	1
123	Com - Packaged Terminal Heat Pumps | NEW | C_School | Xcel | SPS	6.38	94	1
124	Com - Packaged Terminal Heat Pumps | ROB | C_School | Xcel | SPS	6.38	94	1
125	Com - Packaged Terminal Air Conditioners | NEW | C_Grocery | Xcel | SPS	6.28	94	1
126	Com - Packaged Terminal Air Conditioners | ROB | C_Grocery | Xcel | SPS	6.28	94	1
127	Com - Packaged Terminal Heat Pumps | NEW | C_Other | Xcel | SPS	6.27	94	1
128	Com - Packaged Terminal Heat Pumps | ROB | C_Other | Xcel | SPS	6.27	94	1
129	Com - Exterior LED Lamp | NEW | C_Grocery | Xcel | SPS	6.22	94	1
130	Com - Exterior LED Lamp | ROB | C_Grocery | Xcel | SPS	6.22	94	1
131	Com - Exterior LED Lamp | NEW | C_Warehouse | Xcel | SPS	5.80	95	1
132	Com - Exterior LED Lamp | ROB | C_Warehouse | Xcel | SPS	5.80	96	1
133	Com - Packaged Terminal Air Conditioners | NEW | C_Other | Xcel | SPS	5.14	96	1
134	Com - Packaged Terminal Air Conditioners | ROB | C_Other | Xcel | SPS	5.14	96	1
135	Com - Low-flow Faucet Aerator | NEW | C_Health | Xcel | SPS	5.09	97	1
136	Com - Low-flow Faucet Aerator | RET | C_Health | Xcel | SPS	5.09	99	1
137	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	4.87	101	1
138	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	4.87	102	1
139	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family Low Income | Xcel	4.87	103	1
140	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family | Xcel | SPS	4.87	111	1
141	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family Low Income | Xc	4.87	114	1
142	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_College | Xcel | SPS	4.76	114	1
143	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	4.76	117	1
144	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	4.76	117	1
145	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Lodging | Xcel | SPS	4.76	117	1
146	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Office | Xcel | SPS	4.76	117	1
147	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	4.76	117	1
148	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Restaurant | Xcel | SPS	4.76	119	1
149	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	4.76	120	1
150	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_School | Xcel | SPS	4.76	120	1
151	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Warehouse | Xcel | SPS	4.76	121	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
152	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	4.70	127	1
153	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	4.70	127	1
154	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	4.70	127	1
155	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	4.70	140	1
156	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	4.70	146	1
157	Com - Packaged Terminal Air Conditioners | NEW | C_School | Xcel | SPS	4.67	146	1
158	Com - Packaged Terminal Air Conditioners | ROB | C_School | Xcel | SPS	4.67	146	1
159	Com - Custom motors | NEW | C_College | Xcel | SPS	4.66	146	1
160	Com - Custom motors | RET | C_College | Xcel | SPS	4.66	147	1
161	Com - Custom motors | NEW | C_Grocery | Xcel | SPS	4.66	147	1
162	Com - Custom motors | RET | C_Grocery | Xcel | SPS	4.66	147	1
163	Com - Custom motors | NEW | C_Health | Xcel | SPS	4.66	147	1
164	Com - Custom motors | RET | C_Health | Xcel | SPS	4.66	147	1
165	Com - Custom motors | NEW | C_Lodging | Xcel | SPS	4.66	147	1
166	Com - Custom motors | RET | C_Lodging | Xcel | SPS	4.66	147	1
167	Com - Custom motors | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	4.66	147	1
168	Com - Custom motors | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	4.66	148	1
169	Com - Custom motors | NEW | C_Office | Xcel | SPS	4.66	149	1
170	Com - Custom motors | RET | C_Office | Xcel | SPS	4.66	151	1
171	Com - Custom motors | NEW | C_Other | Xcel | SPS	4.66	151	1
172	Com - Custom motors | RET | C_Other | Xcel | SPS	4.66	151	1
173	Com - Custom motors | NEW | C_Restaurant | Xcel | SPS	4.66	152	1
174	Com - Custom motors | RET | C_Restaurant | Xcel | SPS	4.66	152	1
175	Com - Custom motors | NEW | C_Retail | Xcel | SPS	4.66	152	1
176	Com - Custom motors | RET | C_Retail | Xcel | SPS	4.66	153	1
177	Com - Custom motors | NEW | C_School | Xcel | SPS	4.66	153	1
178	Com - Custom motors | RET | C_School | Xcel | SPS	4.66	153	1
179	Com - Custom motors | NEW | C_Warehouse | Xcel | SPS	4.66	153	1
180	Com - Custom motors | RET | C_Warehouse | Xcel | SPS	4.66	155	1
181	Com - Room Air Conditioners | NEW | C_Retail | Xcel | SPS	4.51	155	1
182	Com - Room Air Conditioners | ROB | C_Retail | Xcel | SPS	4.51	155	1
183	Com - Room Air Conditioners | NEW | C_Lodging | Xcel | SPS	4.44	155	1
184	Com - Room Air Conditioners | ROB | C_Lodging | Xcel | SPS	4.44	155	1
185	Com - Room Air Conditioners | NEW | C_Restaurant | Xcel | SPS	4.26	155	1
186	Com - Room Air Conditioners | ROB | C_Restaurant | Xcel | SPS	4.26	155	1
187	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	4.10	155	1
188	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	4.10	156	1
189	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	4.10	156	1
190	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	4.10	156	1
191	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	4.10	156	1
192	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	4.10	157	1
193	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	4.10	157	1
194	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	4.10	159	1
195	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	4.10	159	1
196	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	4.10	160	1
197	Com - Anti-Sweat Heater Controls | RET | C_College | Xcel | SPS	4.08	160	1
198	Com - Anti-Sweat Heater Controls | RET | C_Grocery | Xcel | SPS	4.08	162	1
199	Com - Anti-Sweat Heater Controls | RET | C_Health | Xcel | SPS	4.08	162	1
200	Com - Anti-Sweat Heater Controls | RET | C_Lodging | Xcel | SPS	4.08	162	1
201	Com - Anti-Sweat Heater Controls | RET | C_Office | Xcel | SPS	4.08	162	1
202	Com - Anti-Sweat Heater Controls | RET | C_Other | Xcel | SPS	4.08	162	1
203	Com - Anti-Sweat Heater Controls | RET | C_Restaurant | Xcel | SPS	4.08	163	1
204	Com - Anti-Sweat Heater Controls | RET | C_Retail | Xcel | SPS	4.08	163	1
205	Com - Anti-Sweat Heater Controls | RET | C_School | Xcel | SPS	4.08	163	1
206	Com - Anti-Sweat Heater Controls | RET | C_Warehouse | Xcel | SPS	4.08	163	1
207	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	4.03	164	1
208	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	4.03	164	1
209	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	4.03	165	1
210	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	4.03	167	1
211	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	4.03	168	1
212	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Lodging | Xcel | SPS	4.01	168	1
213	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Lodging | Xcel | SPS	4.01	168	1
214	Com - Room Air Conditioners | NEW | C_College | Xcel | SPS	3.99	168	1
215	Com - Room Air Conditioners | ROB | C_College | Xcel | SPS	3.99	168	1
216	Com - Room Air Conditioners | NEW | C_Office | Xcel | SPS	3.99	169	1
217	Com - Room Air Conditioners | ROB | C_Office | Xcel | SPS	3.99	172	1
218	Com - Room Air Conditioners | NEW | C_Health | Xcel | SPS	3.94	172	1
219	Com - Room Air Conditioners | ROB | C_Health | Xcel | SPS	3.94	172	1
220	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.79	172	1
221	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	3.79	173	1
222	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.79	173	1
223	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	3.79	173	1
224	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.79	173	1
225	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	3.79	173	1
226	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.79	173	1
227	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	3.79	175	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
228	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.79	175	1
229	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	3.79	176	1
230	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Other | Xcel | SPS	3.72	176	1
231	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Other | Xcel | SPS	3.72	176	1
232	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.72	176	1
233	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.72	176	1
234	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.72	176	1
235	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.72	176	1
236	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.72	177	1
237	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.70	177	1
238	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.70	177	1
239	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.70	177	1
240	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.70	177	1
241	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.70	177	1
242	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Restaurant | Xcel | SPS	3.64	177	1
243	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Restaurant | Xcel | SPS	3.64	177	1
244	Com - Custom cooling | NEW | C_College | Xcel | SPS	3.52	177	1
245	Com - Custom cooling | RET | C_College | Xcel | SPS	3.52	177	1
246	Com - Custom cooling | NEW | C_Grocery | Xcel | SPS	3.52	177	1
247	Com - Custom cooling | RET | C_Grocery | Xcel | SPS	3.52	177	1
248	Com - Custom cooling | NEW | C_Health | Xcel | SPS	3.52	177	1
249	Com - Custom cooling | RET | C_Health | Xcel | SPS	3.52	177	1
250	Com - Custom cooling | NEW | C_Lodging | Xcel | SPS	3.52	177	1
251	Com - Custom cooling | RET | C_Lodging | Xcel | SPS	3.52	177	1
252	Com - Custom cooling | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.52	177	1
253	Com - Custom cooling | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.52	178	1
254	Com - Custom cooling | NEW | C_Office | Xcel | SPS	3.52	179	1
255	Com - Custom cooling | RET | C_Office | Xcel | SPS	3.52	181	1
256	Com - Custom cooling | NEW | C_Other | Xcel | SPS	3.52	181	1
257	Com - Custom cooling | RET | C_Other | Xcel | SPS	3.52	181	1
258	Com - Custom cooling | NEW | C_Restaurant | Xcel | SPS	3.52	182	1
259	Com - Custom cooling | RET | C_Restaurant | Xcel | SPS	3.52	182	1
260	Com - Custom cooling | NEW | C_Retail | Xcel | SPS	3.52	182	1
261	Com - Custom cooling | RET | C_Retail | Xcel | SPS	3.52	183	1
262	Com - Custom cooling | NEW | C_School | Xcel | SPS	3.52	183	1
263	Com - Custom cooling | RET | C_School | Xcel | SPS	3.52	183	1
264	Com - Custom cooling | NEW | C_Warehouse | Xcel | SPS	3.52	184	1
265	Com - Custom cooling | RET | C_Warehouse | Xcel | SPS	3.52	185	1
266	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_School | Xcel | SPS	3.51	185	1
267	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_School | Xcel | SPS	3.51	185	1
268	Com - Room Air Conditioners | NEW | C_Warehouse | Xcel | SPS	3.49	185	1
269	Com - Room Air Conditioners | ROB | C_Warehouse | Xcel | SPS	3.49	185	1
270	Com - Room Air Conditioners | NEW | C_Grocery | Xcel | SPS	3.47	185	1
271	Com - Room Air Conditioners | ROB | C_Grocery | Xcel | SPS	3.47	185	1
272	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_College | Xcel | SPS	3.39	185	1
273	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_College | Xcel | SPS	3.39	186	1
274	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Office | Xcel | SPS	3.36	189	1
275	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Office | Xcel | SPS	3.36	192	1
276	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Health | Xcel | SPS	3.23	193	1
277	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Health | Xcel | SPS	3.23	194	1
278	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Retail | Xcel | SPS	3.23	194	1
279	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Retail | Xcel | SPS	3.23	195	1
280	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Health | Xcel | SPS	3.22	195	1
281	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Health | Xcel | SPS	3.22	195	1
282	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Retail | Xcel | SPS	3.15	195	1
283	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Retail | Xcel | SPS	3.15	195	1
284	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Restaurant | Xcel | SPS	3.06	195	1
285	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Restaurant | Xcel | SPS	3.06	195	1
286	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	3.05	195	1
287	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	3.05	195	1
288	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	3.05	195	1
289	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	3.05	196	1
290	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	3.05	196	1
291	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	3.00	196	1
292	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	3.00	196	1
293	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	3.00	196	1
294	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	3.00	197	1
295	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	3.00	197	1
296	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Warehouse | Xcel | SPS	2.95	198	1
297	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Warehouse | Xcel | SPS	2.95	198	1
298	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	2.93	198	1
299	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family | Xcel | SPS	2.93	198	1
300	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	2.93	199	1
301	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	2.93	199	1
302	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Health | Xcel | SPS	2.89	200	1
303	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Health | Xcel | SPS	2.89	200	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
304	Ind - Dew Point Controls | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.81	201	1
305	Ind - Dew Point Controls | RET | I_Agriculture | Xcel | SPS	2.81	201	1
306	Ind - Dew Point Controls | RET | I_Manufacturing | Xcel | SPS	2.81	202	1
307	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	2.74	202	1
308	Res - Low-flow Showerheads - 100% Applicable | RET | R_Manufactured | Xcel | SPS	2.74	203	1
309	Com - Room Air Conditioners | NEW | C_Other | Xcel | SPS	2.73	203	1
310	Com - Room Air Conditioners | ROB | C_Other | Xcel | SPS	2.73	203	1
311	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Grocery | Xcel | SPS	2.72	203	1
312	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Grocery | Xcel | SPS	2.72	203	1
313	Ind - VFDs on Industrial Fans and Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.70	268	1
314	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Grocery | Xcel | SPS	2.68	268	1
315	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Grocery | Xcel | SPS	2.68	268	1
316	Com - Room Air Conditioners | NEW | C_School | Xcel | SPS	2.64	268	1
317	Com - Room Air Conditioners | ROB | C_School | Xcel | SPS	2.64	268	1
318	Com - Packaged Terminal Heat Pumps | RET | C_Retail | Xcel | SPS	2.63	268	1
319	Com - Exterior LED fixture | NEW | C_Lodging | Xcel | SPS	2.61	268	1
320	Com - Exterior LED fixture | ROB | C_Lodging | Xcel | SPS	2.61	268	1
321	Com - Packaged Terminal Heat Pumps | RET | C_Restaurant | Xcel | SPS	2.58	268	1
322	Com - Packaged Terminal Heat Pumps | RET | C_Lodging | Xcel | SPS	2.57	268	1
323	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family | Xcel | SPS	2.54	269	1
324	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family | Xcel | SPS	2.54	271	1
325	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	2.54	272	1
326	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	2.54	273	1
327	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Warehouse | Xcel | SPS	2.51	275	1
328	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Warehouse | Xcel | SPS	2.51	277	1
329	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Office | Xcel | SPS	2.50	279	1
330	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Office | Xcel | SPS	2.50	279	1
331	Ind - VFDs on Industrial Fans and Pumps | RET | I_Manufacturing | Xcel | SPS	2.46	293	1
332	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Other | Xcel | SPS	2.45	293	1
333	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Other | Xcel | SPS	2.45	293	1
334	Com - Exterior LED fixture | NEW | C_Health | Xcel | SPS	2.43	293	1
335	Com - Exterior LED fixture | ROB | C_Health | Xcel | SPS	2.43	294	1
336	Com - Exterior LED fixture | NEW | C_School | Xcel | SPS	2.35	294	1
337	Com - Exterior LED fixture | ROB | C_School | Xcel | SPS	2.35	294	1
338	Com - Exterior LED fixture | NEW | C_Restaurant | Xcel | SPS	2.33	294	1
339	Com - Exterior LED fixture | ROB | C_Restaurant | Xcel | SPS	2.33	294	1
340	Com - Exterior LED fixture | NEW | C_Retail | Xcel | SPS	2.31	294	1
341	Com - Exterior LED fixture | ROB | C_Retail | Xcel | SPS	2.31	294	1
342	Com - Custom Lighting | NEW | C_College | Xcel | SPS	2.29	294	1
343	Com - Custom Lighting | NEW | C_Grocery | Xcel | SPS	2.29	294	1
344	Com - Custom Lighting | NEW | C_Health | Xcel | SPS	2.29	295	1
345	Com - Custom Lighting | NEW | C_Lodging | Xcel | SPS	2.29	295	1
346	Com - Custom Lighting | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.29	296	1
347	Com - Custom Lighting | NEW | C_Office | Xcel | SPS	2.29	299	1
348	Com - Custom Lighting | NEW | C_Other | Xcel | SPS	2.29	299	1
349	Com - Custom Lighting | NEW | C_Restaurant | Xcel | SPS	2.29	299	1
350	Com - Custom Lighting | NEW | C_Retail | Xcel | SPS	2.29	300	1
351	Com - Custom Lighting | NEW | C_School | Xcel | SPS	2.29	300	1
352	Com - Custom Lighting | NEW | C_Warehouse | Xcel | SPS	2.29	303	1
353	Com - Exterior LED fixture | NEW | C_Office | Xcel | SPS	2.29	306	1
354	Com - Exterior LED fixture | ROB | C_Office | Xcel | SPS	2.29	309	1
355	Ind - LED Lighting for Industrial Applications | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.24	310	1
356	Ind - LED Lighting for Industrial Applications | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.24	311	1
357	Ind - LED Lighting for Industrial Applications | NEW | I_Agriculture | Xcel | SPS	2.24	311	1
358	Ind - LED Lighting for Industrial Applications | ROB | I_Agriculture | Xcel | SPS	2.24	311	1
359	Ind - LED Lighting for Industrial Applications | NEW | I_Manufacturing | Xcel | SPS	2.24	312	1
360	Ind - LED Lighting for Industrial Applications | ROB | I_Manufacturing | Xcel | SPS	2.24	313	1
361	Com - Exterior LED fixture | NEW | C_College | Xcel | SPS	2.24	313	1
362	Com - Exterior LED fixture | ROB | C_College | Xcel | SPS	2.24	313	1
363	Com - Low-flow Faucet Aerator | NEW | C_Lodging | Xcel | SPS	2.23	313	1
364	Com - Low-flow Faucet Aerator | RET | C_Lodging | Xcel | SPS	2.23	313	1
365	Com - Low-flow Faucet Aerator | NEW | C_Restaurant | Xcel | SPS	2.23	313	1
366	Com - Low-flow Faucet Aerator | RET | C_Restaurant | Xcel | SPS	2.23	313	1
367	Com - Exterior LED fixture | NEW | C_Other | Xcel | SPS	2.21	314	1
368	Com - Exterior LED fixture | ROB | C_Other | Xcel | SPS	2.21	314	1
369	Com - Packaged Terminal Heat Pumps | RET | C_Office | Xcel | SPS	2.18	318	1
370	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	2.16	318	1
371	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	2.16	318	1
372	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.16	318	1
373	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	2.16	319	1
374	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.16	319	1
375	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_College | Xcel | SPS	2.12	319	1
376	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_College | Xcel | SPS	2.12	319	1
377	Com - Packaged Terminal Heat Pumps | RET | C_College | Xcel | SPS	2.10	319	1
378	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_School | Xcel | SPS	2.09	319	1
379	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_School | Xcel | SPS	2.09	319	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
380	Com - Packaged Terminal Heat Pumps | RET | C_Health | Xcel | SPS	2.07	319	1
381	Com - Packaged Terminal Air Conditioners | RET | C_Lodging | Xcel | SPS	2.07	319	1
382	Com - Packaged Terminal Air Conditioners | RET | C_Retail | Xcel | SPS	2.06	319	1
383	Com - Exterior LED fixture | NEW | C_Grocery | Xcel | SPS	2.05	319	1
384	Com - Exterior LED fixture | ROB | C_Grocery | Xcel | SPS	2.05	319	1
385	Ind - No Air Loss Drain | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.03	320	1
386	Ind - No Air Loss Drain | RET | I_Manufacturing | Xcel | SPS	2.03	321	1
387	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_College | Xcel | SPS	2.02	321	1
388	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_College | Xcel | SPS	2.02	321	1
389	Com - Direct Evaporative Pre-Cooling | NEW | C_Lodging | Xcel | SPS	2.00	321	1
390	Com - Direct Evaporative Pre-Cooling | ROB | C_Lodging | Xcel | SPS	2.00	321	1
391	Com - Packaged Terminal Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.94	321	1
392	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Manufa	1.93	321	1
393	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Manufa	1.93	321	1
394	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi F	1.93	321	1
395	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi Fa	1.93	321	1
396	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi F	1.93	321	1
397	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi Fa	1.93	321	1
398	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	1.93	322	1
399	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	1.93	324	1
400	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	1.93	324	1
401	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	1.93	325	1
402	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Office | Xcel | SPS	1.92	327	1
403	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Office | Xcel | SPS	1.92	329	1
404	Com - Exterior LED fixture | NEW | C_Warehouse | Xcel | SPS	1.91	330	1
405	Com - Exterior LED fixture | ROB | C_Warehouse | Xcel | SPS	1.91	331	1
406	Com - Packaged Terminal Heat Pumps | RET | C_Warehouse | Xcel | SPS	1.90	331	1
407	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Lodging | Xcel | SPS	1.89	331	1
408	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Lodging | Xcel | SPS	1.89	331	1
409	Com - Direct Evaporative Pre-Cooling | NEW | C_Health | Xcel | SPS	1.86	332	1
410	Com - Direct Evaporative Pre-Cooling | ROB | C_Health | Xcel | SPS	1.86	332	1
411	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Grocery | Xcel | SPS	1.86	332	1
412	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Grocery | Xcel | SPS	1.86	332	1
413	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Lodging | Xcel | SPS	1.86	332	1
414	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Lodging | Xcel | SPS	1.86	332	1
415	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Lodging | Xcel | SPS	1.84	332	1
416	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Lodging | Xcel | SPS	1.84	332	1
417	Com - Water Source Heat Pump | NEW | C_Lodging | Xcel | SPS	1.83	332	1
418	Com - Water Source Heat Pump | ROB | C_Lodging | Xcel | SPS	1.83	332	1
419	Com - Packaged Terminal Air Conditioners | RET | C_College | Xcel | SPS	1.83	332	1
420	Com - Water Source Heat Pump | NEW | C_Retail | Xcel | SPS	1.83	332	1
421	Com - Water Source Heat Pump | ROB | C_Retail | Xcel | SPS	1.83	332	1
422	Com - Packaged Terminal Air Conditioners | RET | C_Office | Xcel | SPS	1.82	332	1
423	Com - Packaged Terminal Heat Pumps | RET | C_Grocery | Xcel | SPS	1.81	333	1
424	Com - Packaged Terminal Air Conditioners | RET | C_Health | Xcel | SPS	1.80	333	1
425	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.80	333	1
426	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.80	333	1
427	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.80	333	1
428	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.80	333	1
429	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.80	333	1
430	Com - LED Refrigerated Case Lighting | NEW | C_Lodging | Xcel | SPS	1.75	333	1
431	Com - LED Refrigerated Case Lighting | RET | C_Lodging | Xcel | SPS	1.75	333	1
432	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_School | Xcel | SPS	1.73	333	1
433	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_School | Xcel | SPS	1.73	333	1
434	Com - Direct Evaporative Pre-Cooling | NEW | C_Office | Xcel | SPS	1.73	335	1
435	Com - Direct Evaporative Pre-Cooling | ROB | C_Office | Xcel | SPS	1.73	339	1
436	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Other | Xcel | SPS	1.72	339	1
437	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Other | Xcel | SPS	1.72	339	1
438	Com - Water Source Heat Pump | NEW | C_Restaurant | Xcel | SPS	1.72	339	1
439	Com - Water Source Heat Pump | ROB | C_Restaurant | Xcel | SPS	1.72	339	1
440	Com - Direct Evaporative Pre-Cooling | NEW | C_Restaurant | Xcel | SPS	1.72	339	1
441	Com - Direct Evaporative Pre-Cooling | ROB | C_Restaurant | Xcel | SPS	1.72	339	1
442	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Manufa	1.69	340	1
443	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi Fa	1.69	340	1
444	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi Fa	1.69	340	1
445	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single F	1.69	346	1
446	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single F	1.69	349	1
447	Com - Packaged Terminal Air Conditioners | RET | C_Warehouse | Xcel | SPS	1.65	349	1
448	Com - Direct Evaporative Pre-Cooling | NEW | C_Grocery | Xcel | SPS	1.65	349	1
449	Com - Direct Evaporative Pre-Cooling | ROB | C_Grocery | Xcel | SPS	1.65	349	1
450	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.65	350	1
451	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.65	350	1
452	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.65	350	1
453	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.65	353	1
454	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.65	355	1
455	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_School | Xcel | SPS	1.63	355	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
456	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_School | Xcel | SPS	1.63	355	1
457	Com - Water Source Heat Pump | NEW | C_College | Xcel | SPS	1.61	355	1
458	Com - Water Source Heat Pump | ROB | C_College | Xcel | SPS	1.61	355	1
459	Com - Direct Evaporative Pre-Cooling | NEW | C_Other | Xcel | SPS	1.61	355	1
460	Com - Direct Evaporative Pre-Cooling | ROB | C_Other | Xcel | SPS	1.61	355	1
461	Com - Water Source Heat Pump | NEW | C_Office | Xcel | SPS	1.61	355	1
462	Com - Water Source Heat Pump | ROB | C_Office | Xcel | SPS	1.61	355	1
463	Com - Guest Room Energy Management | RET | C_Lodging | Xcel | SPS	1.61	356	1
464	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Manufa	1.60	356	1
465	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Manufa	1.60	356	1
466	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	1.60	357	1
467	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi Fa	1.60	357	1
468	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	1.60	357	1
469	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi Fa	1.60	357	1
470	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	1.60	357	1
471	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single I	1.60	358	1
472	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	1.60	359	1
473	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single I	1.60	359	1
474	Com - Direct Evaporative Pre-Cooling | NEW | C_Retail | Xcel | SPS	1.60	359	1
475	Com - Direct Evaporative Pre-Cooling | ROB | C_Retail | Xcel | SPS	1.60	359	1
476	Com - Packaged Terminal Heat Pumps | RET | C_School | Xcel | SPS	1.59	359	1
477	Com - Water Source Heat Pump | NEW | C_Health | Xcel | SPS	1.59	359	1
478	Com - Water Source Heat Pump | ROB | C_Health | Xcel | SPS	1.59	359	1
479	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_College | Xcel | SPS	1.57	360	1
480	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_College | Xcel | SPS	1.57	360	1
481	Com - Packaged Terminal Air Conditioners | RET | C_Grocery | Xcel | SPS	1.57	360	1
482	Com - Packaged Terminal Heat Pumps | RET | C_Other | Xcel | SPS	1.57	360	1
483	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Office | Xcel | SPS	1.56	362	1
484	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Office | Xcel | SPS	1.56	363	1
485	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Health | Xcel | SPS	1.50	363	1
486	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Health | Xcel | SPS	1.50	363	1
487	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Retail | Xcel | SPS	1.50	363	1
488	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Retail | Xcel | SPS	1.50	363	1
489	Com - Interior Network Connected LED Lamps | NEW | C_Office | Xcel | SPS	1.49	364	1
490	Com - Interior Network Connected LED Lamps | ROB | C_Office | Xcel | SPS	1.49	364	1
491	Com - Interior Network Connected LED Lamps | NEW | C_Lodging | Xcel | SPS	1.48	364	1
492	Com - Interior Network Connected LED Lamps | ROB | C_Lodging | Xcel | SPS	1.48	364	1
493	Com - LED Refrigerated Case Lighting | NEW | C_School | Xcel | SPS	1.47	364	1
494	Com - LED Refrigerated Case Lighting | RET | C_School | Xcel | SPS	1.47	364	1
495	Com - Direct Evaporative Pre-Cooling | NEW | C_College | Xcel | SPS	1.47	364	1
496	Com - Direct Evaporative Pre-Cooling | ROB | C_College | Xcel | SPS	1.47	364	1
497	Com - Water Source Heat Pump | NEW | C_Warehouse | Xcel | SPS	1.46	364	1
498	Com - Water Source Heat Pump | ROB | C_Warehouse | Xcel | SPS	1.46	365	1
499	Com - Interior Network Connected LED Lamps | NEW | C_Other | Xcel | SPS	1.45	365	1
500	Com - Interior Network Connected LED Lamps | ROB | C_Other | Xcel | SPS	1.45	365	1
501	Com - Interior Network Connected LED Lamps | NEW | C_School | Xcel | SPS	1.45	365	1
502	Com - Interior Network Connected LED Lamps | ROB | C_School | Xcel | SPS	1.45	365	1
503	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.44	365	1
504	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.44	365	1
505	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.44	365	1
506	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.44	365	1
507	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.44	365	1
508	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.44	365	1
509	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.44	365	1
510	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.44	365	1
511	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.44	365	1
512	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.44	365	1
513	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.43	365	1
514	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.43	366	1
515	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.43	366	1
516	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.43	366	1
517	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.43	366	1
518	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.43	366	1
519	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.43	366	1
520	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.43	366	1
521	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.43	366	1
522	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.43	366	1
523	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.43	367	1
524	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.43	367	1
525	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.43	367	1
526	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.43	368	1
527	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.43	368	1
528	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Restaurant | Xcel | SPS	1.42	368	1
529	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Restaurant | Xcel | SPS	1.42	368	1
530	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Retail | Xcel | SPS	1.41	368	1
531	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Retail | Xcel | SPS	1.41	368	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
532	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.41	368	1
533	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.41	368	1
534	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.41	368	1
535	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.41	368	1
536	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.41	368	1
537	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Manufa	1.41	370	1
538	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	1.41	370	1
539	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	1.41	371	1
540	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single F	1.41	375	1
541	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single F	1.41	377	1
542	Com - Interior Network Connected LED Fixtures | NEW | C_Lodging | Xcel | SPS	1.41	377	1
543	Com - Interior Network Connected LED Fixtures | ROB | C_Lodging | Xcel | SPS	1.41	377	1
544	Ind - Air Compressor Optimization | RET | I_Manufacturing | Xcel | SPS	1.40	378	1
545	Com - Water Source Heat Pump | NEW | C_Grocery | Xcel | SPS	1.39	378	1
546	Com - Water Source Heat Pump | ROB | C_Grocery | Xcel | SPS	1.39	378	1
547	Com - Interior Network Connected LED Lamps | NEW | C_Retail | Xcel | SPS	1.38	378	1
548	Com - Interior Network Connected LED Lamps | ROB | C_Retail | Xcel | SPS	1.38	378	1
549	Com - LED Refrigerated Case Lighting | NEW | C_College | Xcel | SPS	1.38	378	1
550	Com - LED Refrigerated Case Lighting | RET | C_College | Xcel | SPS	1.38	379	1
551	Com - New Construction - Lighting Power Density | NEW | C_College | Xcel | SPS	1.37	379	1
552	Com - New Construction - Lighting Power Density | NEW | C_Grocery | Xcel | SPS	1.37	379	1
553	Com - New Construction - Lighting Power Density | NEW | C_Health | Xcel | SPS	1.37	379	1
554	Com - New Construction - Lighting Power Density | NEW | C_Lodging | Xcel | SPS	1.37	379	1
555	Com - New Construction - Lighting Power Density | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.37	380	1
556	Com - New Construction - Lighting Power Density | NEW | C_Office | Xcel | SPS	1.37	386	1
557	Com - New Construction - Lighting Power Density | NEW | C_Other | Xcel | SPS	1.37	386	1
558	Com - New Construction - Lighting Power Density | NEW | C_Restaurant | Xcel | SPS	1.37	386	1
559	Com - New Construction - Lighting Power Density | NEW | C_Retail | Xcel | SPS	1.37	388	1
560	Com - New Construction - Lighting Power Density | NEW | C_School | Xcel | SPS	1.37	388	1
561	Com - New Construction - Lighting Power Density | NEW | C_Warehouse | Xcel | SPS	1.37	393	1
562	Com - Interior Network Connected LED Lamps | NEW | C_College | Xcel | SPS	1.37	393	1
563	Com - Interior Network Connected LED Lamps | ROB | C_College | Xcel | SPS	1.37	393	1
564	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.33	393	1
565	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.33	394	1
566	Com - Interior Network Connected LED Fixtures | NEW | C_Other | Xcel | SPS	1.31	394	1
567	Com - Interior Network Connected LED Fixtures | ROB | C_Other | Xcel | SPS	1.31	394	1
568	Com - Packaged Terminal Air Conditioners | RET | C_Other | Xcel | SPS	1.29	394	1
569	Com - High Efficiency Central Heat Pump System | NEW | C_Retail | Xcel | SPS	1.27	394	1
570	Com - High Efficiency Central Heat Pump System | ROB | C_Retail | Xcel | SPS	1.27	395	1
571	Com - LED Refrigerated Case Lighting | NEW | C_Office | Xcel | SPS	1.26	396	1
572	Com - LED Refrigerated Case Lighting | RET | C_Office | Xcel | SPS	1.26	400	1
573	Com - LED Refrigerated Case Lighting | NEW | C_Other | Xcel | SPS	1.26	400	1
574	Com - LED Refrigerated Case Lighting | RET | C_Other | Xcel | SPS	1.26	400	1
575	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Manufa	1.26	400	1
576	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Manufa	1.26	400	1
577	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	1.26	400	1
578	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi Fa	1.26	400	1
579	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	1.26	400	1
580	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi Fa	1.26	400	1
581	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	1.26	400	1
582	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single I	1.26	400	1
583	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	1.26	400	1
584	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single I	1.26	400	1
585	Com - High Efficiency Central Heat Pump System | NEW | C_Lodging | Xcel | SPS	1.25	400	1
586	Com - High Efficiency Central Heat Pump System | ROB | C_Lodging | Xcel | SPS	1.25	400	1
587	Com - High Efficiency Central Heat Pump System | NEW | C_Restaurant | Xcel | SPS	1.25	400	1
588	Com - High Efficiency Central Heat Pump System | ROB | C_Restaurant | Xcel | SPS	1.25	401	1
589	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Grocery | Xcel | SPS	1.24	401	1
590	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Grocery | Xcel | SPS	1.24	401	1
591	Com - Interior Network Connected LED Fixtures | NEW | C_School | Xcel | SPS	1.23	401	1
592	Com - Interior Network Connected LED Fixtures | ROB | C_School | Xcel | SPS	1.23	401	1
593	Com - Interior Network Connected LED Lamps | NEW | C_Restaurant | Xcel | SPS	1.23	401	1
594	Com - Interior Network Connected LED Lamps | ROB | C_Restaurant | Xcel | SPS	1.23	401	1
595	Com - Ductless Mini-Split Heat Pumps | ROB | C_Restaurant | Xcel | SPS	1.22	401	1
596	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.20	401	1
597	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.20	401	1
598	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.20	401	1
599	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.20	401	1
600	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.20	401	1
601	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.20	402	1
602	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.20	402	1
603	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.20	402	1
604	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.20	402	1
605	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.20	403	1
606	Com - Interior Network Connected LED Fixtures | NEW | C_College | Xcel | SPS	1.19	403	1
607	Com - Interior Network Connected LED Fixtures | ROB | C_College | Xcel | SPS	1.19	403	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
608	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.18	405	1
609	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.18	405	1
610	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.18	406	1
611	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.18	411	1
612	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.18	414	1
613	Com - Interior Network Connected LED Fixtures | NEW | C_Office | Xcel | SPS	1.18	414	1
614	Com - Interior Network Connected LED Fixtures | ROB | C_Office | Xcel | SPS	1.18	415	1
615	Com - Ductless Mini-Split Heat Pumps | ROB | C_Retail | Xcel | SPS	1.17	415	1
616	Com - Packaged Terminal Air Conditioners | RET | C_School | Xcel | SPS	1.17	415	1
617	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Warehouse | Xcel | SPS	1.16	415	1
618	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Warehouse | Xcel | SPS	1.16	415	1
619	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.15	416	1
620	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.15	416	1
621	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.15	417	1
622	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.15	421	1
623	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.15	422	1
624	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	1.14	422	1
625	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.14	422	1
626	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	1.14	422	1
627	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	1.14	422	1
628	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.14	422	1
629	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	1.14	422	1
630	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.14	422	1
631	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.14	422	1
632	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.14	422	1
633	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	1.14	422	1
634	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.14	422	1
635	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	1.14	422	1
636	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.14	422	1
637	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.14	422	1
638	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.14	422	1
639	Com - Ductless Mini-Split Heat Pumps | ROB | C_Lodging | Xcel | SPS	1.14	422	1
640	Com - Water Source Heat Pump | NEW | C_Other | Xcel | SPS	1.14	422	1
641	Com - Water Source Heat Pump | ROB | C_Other | Xcel | SPS	1.14	422	1
642	Com - Interior Network Connected LED Fixtures | NEW | C_Health | Xcel | SPS	1.13	422	1
643	Com - Interior Network Connected LED Fixtures | ROB | C_Health | Xcel | SPS	1.13	422	1
644	Com - Interior Network Connected LED Fixtures | NEW | C_Retail | Xcel | SPS	1.13	422	1
645	Com - Interior Network Connected LED Fixtures | ROB | C_Retail | Xcel | SPS	1.13	422	1
646	Com - Room Air Conditioners | RET | C_Retail | Xcel | SPS	1.13	422	1
647	Com - Interior Network Connected LED Lamps | NEW | C_Health | Xcel | SPS	1.13	422	1
648	Com - Interior Network Connected LED Lamps | ROB | C_Health | Xcel | SPS	1.13	422	1
649	Ind - Air Compressor Optimization | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.12	426	1
650	Ind - Air Compressor Optimization | RET | I_Agriculture | Xcel | SPS	1.12	427	1
651	Com - Room Air Conditioners | RET | C_Lodging | Xcel | SPS	1.11	427	1
652	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Manufa	1.11	427	1
653	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi Fa	1.11	427	1
654	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi Fa	1.11	427	1
655	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single F	1.11	427	1
656	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single F	1.11	427	1
657	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Lodging | Xcel | SPS	1.08	427	1
658	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Lodging | Xcel | SPS	1.08	427	1
659	Com - Interior Network Connected LED Fixtures | NEW | C_Restaurant | Xcel | SPS	1.07	427	1
660	Com - Interior Network Connected LED Fixtures | ROB | C_Restaurant | Xcel | SPS	1.07	427	1
661	Com - Room Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.07	427	1
662	Com - High Efficiency Central Heat Pump System | NEW | C_Office | Xcel | SPS	1.06	429	1
663	Com - High Efficiency Central Heat Pump System | ROB | C_Office | Xcel | SPS	1.06	439	1
664	Com - Direct Evaporative Pre-Cooling | NEW | C_School | Xcel | SPS	1.05	439	1
665	Com - Direct Evaporative Pre-Cooling | ROB | C_School | Xcel | SPS	1.05	439	1
666	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.03	439	1
667	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.03	439	1
668	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.03	439	1
669	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.03	440	1
670	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.03	440	1
671	Com - Water Source Heat Pump | NEW | C_School | Xcel | SPS	1.03	440	1
672	Com - Water Source Heat Pump | ROB | C_School | Xcel | SPS	1.03	440	1
673	Com - High Efficiency Central Heat Pump System | NEW | C_College | Xcel | SPS	1.02	440	1
674	Com - High Efficiency Central Heat Pump System | ROB | C_College | Xcel | SPS	1.02	440	1
675	Com - High Efficiency Central Heat Pump System | NEW | C_Health | Xcel | SPS	1.01	440	1
676	Com - High Efficiency Central Heat Pump System | ROB | C_Health | Xcel | SPS	1.01	440	1
677	Com - Interior Network Connected LED Lamps | NEW | C_Warehouse | Xcel | SPS	1.00	440	1
678	Com - Interior Network Connected LED Lamps | ROB | C_Warehouse | Xcel | SPS	1.00	440	1
679	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Other | Xcel | SPS	1.00	440	1
680	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Other | Xcel | SPS	1.00	440	1
681	Com - Room Air Conditioners | RET | C_College | Xcel | SPS	1.00	440	1
682	Com - Room Air Conditioners | RET | C_Office | Xcel | SPS	1.00	443	1
683	Com - Room Air Conditioners | RET | C_Health | Xcel | SPS	0.99	443	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
684	Com - Direct Evaporative Pre-Cooling | NEW | C_Warehouse | Xcel | SPS	0.98	443	1
685	Com - Direct Evaporative Pre-Cooling | ROB | C_Warehouse | Xcel | SPS	0.98	443	1
686	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Lodging | Xcel | SPS	0.96	443	1
687	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Lodging | Xcel | SPS	0.96	443	1
688	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.95	443	1
689	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.95	443	1
690	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.95	443	1
691	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.95	443	1
692	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.95	443	1
693	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.95	443	1
694	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.95	443	1
695	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.95	443	1
696	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.95	443	1
697	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.95	443	1
698	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.95	443	1
699	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.95	443	1
700	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.95	443	1
701	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.95	443	1
702	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.95	443	1
703	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.95	443	1
704	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.95	443	1
705	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.95	443	1
706	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.95	443	1
707	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.95	443	1
708	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.95	443	1
709	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.95	443	1
710	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.95	443	1
711	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.95	443	1
712	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.95	443	1
713	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_School | Xcel | SPS	0.94	443	1
714	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_School | Xcel | SPS	0.94	443	1
715	Com - Interior Network Connected LED Fixtures | NEW | C_Grocery | Xcel | SPS	0.94	443	1
716	Com - Interior Network Connected LED Fixtures | ROB | C_Grocery | Xcel | SPS	0.94	443	1
717	Com - LED Refrigerated Case Lighting | NEW | C_Retail | Xcel | SPS	0.94	443	1
718	Com - LED Refrigerated Case Lighting | RET | C_Retail | Xcel | SPS	0.94	444	1
719	Com - High Efficiency Central Heat Pump System | NEW | C_Warehouse | Xcel | SPS	0.93	444	1
720	Com - High Efficiency Central Heat Pump System | ROB | C_Warehouse | Xcel | SPS	0.93	444	1
721	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Other | Xcel | SPS	0.92	444	1
722	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Other | Xcel | SPS	0.92	444	1
723	Com - High Efficiency Packaged Air Conditioning | NEW | C_Lodging | Xcel | SPS	0.92	444	1
724	Com - High Efficiency Packaged Air Conditioning | ROB | C_Lodging | Xcel | SPS	0.92	444	1
725	Com - High Efficiency Packaged Air Conditioning | NEW | C_Retail | Xcel | SPS	0.91	444	1
726	Com - High Efficiency Packaged Air Conditioning | ROB | C_Retail | Xcel | SPS	0.91	444	1
727	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_College | Xcel | SPS	0.91	444	1
728	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_College | Xcel | SPS	0.91	444	1
729	Com - Interior Network Connected LED Lamps | NEW | C_Grocery | Xcel | SPS	0.91	444	1
730	Com - Interior Network Connected LED Lamps | ROB | C_Grocery | Xcel | SPS	0.91	444	1
731	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Office | Xcel | SPS	0.90	444	1
732	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Office | Xcel | SPS	0.90	444	1
733	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Other | Xcel | SPS	0.89	444	1
734	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Other | Xcel | SPS	0.89	444	1
735	Com - Interior Network Connected LED Fixtures | NEW | C_Warehouse | Xcel | SPS	0.88	444	1
736	Com - Interior Network Connected LED Fixtures | ROB | C_Warehouse | Xcel | SPS	0.88	444	1
737	Com - High Efficiency Central Heat Pump System | NEW | C_Grocery | Xcel | SPS	0.88	444	1
738	Com - High Efficiency Central Heat Pump System | ROB | C_Grocery | Xcel | SPS	0.88	444	1
739	Com - Ductless Mini-Split Heat Pumps | ROB | C_Office | Xcel | SPS	0.88	444	1
740	Com - Room Air Conditioners | RET | C_Warehouse | Xcel | SPS	0.87	444	1
741	Com - Room Air Conditioners | RET | C_Grocery | Xcel | SPS	0.87	444	1
742	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Health | Xcel | SPS	0.86	444	1
743	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Health | Xcel | SPS	0.86	444	1
744	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Retail | Xcel | SPS	0.86	444	1
745	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Retail | Xcel | SPS	0.86	444	1
746	Com - High Efficiency Packaged Air Conditioning | NEW | C_Restaurant | Xcel | SPS	0.86	444	1
747	Com - High Efficiency Packaged Air Conditioning | ROB | C_Restaurant | Xcel | SPS	0.86	444	1
748	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_College | Xcel | SPS	0.86	444	1
749	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_College | Xcel | SPS	0.86	444	1
750	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Grocery | Xcel | SPS	0.86	444	1
751	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Grocery | Xcel | SPS	0.86	444	1
752	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Health | Xcel | SPS	0.86	444	1
753	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Health | Xcel | SPS	0.86	444	1
754	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Lodging | Xcel | SPS	0.86	444	1
755	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Lodging | Xcel | SPS	0.86	444	1
756	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Restaurant | Xcel | SPS	0.86	444	1
757	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Restaurant | Xcel | SPS	0.86	445	1
758	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_School | Xcel | SPS	0.86	445	1
759	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_School | Xcel | SPS	0.86	445	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
760	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.85	445	1
761	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.85	445	1
762	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.85	445	1
763	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.85	445	1
764	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.85	445	1
765	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.85	445	1
766	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.85	445	1
767	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.85	445	1
768	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.85	445	1
769	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.85	445	1
770	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_School | Xcel | SPS	0.84	445	1
771	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_School | Xcel | SPS	0.84	445	1
772	Ind - Mist Eliminators | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.84	445	1
773	Ind - Mist Eliminators | RET | I_Agriculture | Xcel | SPS	0.84	445	1
774	Ind - Mist Eliminators | RET | I_Manufacturing | Xcel | SPS	0.84	446	1
775	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.83	446	1
776	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.83	446	1
777	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.83	446	1
778	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.83	446	1
779	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | X	0.83	446	1
780	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | X	0.83	446	1
781	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.83	446	1
782	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.83	446	1
783	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family Low Income |	0.83	446	1
784	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family Low Income |	0.83	446	1
785	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Restaurant | Xcel | SPS	0.82	446	1
786	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Restaurant | Xcel | SPS	0.82	446	1
787	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_College | Xcel | SPS	0.81	446	1
788	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_College | Xcel | SPS	0.81	446	1
789	Com - Exterior Lighting Controls | RET | C_Health | Xcel | SPS	0.81	446	1
790	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Health | Xcel | SPS	0.81	446	1
791	Com - High Efficiency Packaged Air Conditioning | NEW | C_College | Xcel | SPS	0.81	446	1
792	Com - High Efficiency Packaged Air Conditioning | ROB | C_College | Xcel | SPS	0.81	446	1
793	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Office | Xcel | SPS	0.81	446	1
794	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Office | Xcel | SPS	0.81	446	1
795	Com - High Efficiency Packaged Air Conditioning | NEW | C_Office | Xcel | SPS	0.81	446	1
796	Com - High Efficiency Packaged Air Conditioning | ROB | C_Office | Xcel | SPS	0.81	446	1
797	Com - High Efficiency Packaged Air Conditioning | NEW | C_Health | Xcel | SPS	0.80	446	1
798	Com - High Efficiency Packaged Air Conditioning | ROB | C_Health | Xcel | SPS	0.80	446	1
799	Com - Exterior Lighting Controls | RET | C_Restaurant | Xcel | SPS	0.79	446	1
800	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Restaurant | Xcel | SPS	0.79	446	1
801	Com - RTU with Demand Control | RET | C_College | Xcel | SPS	0.79	446	1
802	Com - RTU with Demand Control | RET | C_Grocery | Xcel | SPS	0.79	446	1
803	Com - RTU with Demand Control | RET | C_Health | Xcel | SPS	0.79	446	1
804	Com - RTU with Demand Control | RET | C_Lodging | Xcel | SPS	0.79	446	1
805	Com - RTU with Demand Control | RET | C_Office | Xcel | SPS	0.79	446	1
806	Com - RTU with Demand Control | RET | C_Other | Xcel | SPS	0.79	446	1
807	Com - RTU with Demand Control | RET | C_Restaurant | Xcel | SPS	0.79	446	1
808	Com - RTU with Demand Control | RET | C_Retail | Xcel | SPS	0.79	446	1
809	Com - RTU with Demand Control | RET | C_School | Xcel | SPS	0.79	446	1
810	Com - RTU with Demand Control | RET | C_Warehouse | Xcel | SPS	0.79	446	1
811	Com - Zero-Energy Doors | RET | C_College | Xcel | SPS	0.78	446	1
812	Com - Zero-Energy Doors | ROB | C_College | Xcel | SPS	0.78	446	1
813	Com - Zero-Energy Doors | RET | C_Grocery | Xcel | SPS	0.78	448	1
814	Com - Zero-Energy Doors | ROB | C_Grocery | Xcel | SPS	0.78	448	1
815	Com - Zero-Energy Doors | RET | C_Health | Xcel | SPS	0.78	448	1
816	Com - Zero-Energy Doors | ROB | C_Health | Xcel | SPS	0.78	448	1
817	Com - Zero-Energy Doors | RET | C_Lodging | Xcel | SPS	0.78	448	1
818	Com - Zero-Energy Doors | ROB | C_Lodging | Xcel | SPS	0.78	448	1
819	Com - Zero-Energy Doors | RET | C_Office | Xcel | SPS	0.78	448	1
820	Com - Zero-Energy Doors | ROB | C_Office | Xcel | SPS	0.78	448	1
821	Com - Zero-Energy Doors | RET | C_Other | Xcel | SPS	0.78	448	1
822	Com - Zero-Energy Doors | ROB | C_Other | Xcel | SPS	0.78	448	1
823	Com - Zero-Energy Doors | RET | C_Restaurant | Xcel | SPS	0.78	448	1
824	Com - Zero-Energy Doors | ROB | C_Restaurant | Xcel | SPS	0.78	448	1
825	Com - Zero-Energy Doors | RET | C_Retail | Xcel | SPS	0.78	449	1
826	Com - Zero-Energy Doors | ROB | C_Retail | Xcel | SPS	0.78	449	1
827	Com - Zero-Energy Doors | RET | C_School | Xcel | SPS	0.78	449	1
828	Com - Zero-Energy Doors | ROB | C_School | Xcel | SPS	0.78	449	1
829	Com - Zero-Energy Doors | RET | C_Warehouse | Xcel | SPS	0.78	449	1
830	Com - Zero-Energy Doors | ROB | C_Warehouse | Xcel | SPS	0.78	449	1
831	Com - Ductless Mini-Split Heat Pumps | ROB | C_College | Xcel | SPS	0.78	449	1
832	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Health | Xcel | SPS	0.77	449	1
833	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Health | Xcel | SPS	0.77	449	1
834	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Retail | Xcel | SPS	0.77	449	1
835	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Retail | Xcel | SPS	0.77	449	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
836	Com - Ductless Mini-Split Heat Pumps | ROB | C_Health | Xcel | SPS	0.77	449	1
837	Com - High Efficiency Central Heat Pump System | NEW | C_School | Xcel | SPS	0.77	449	1
838	Com - High Efficiency Central Heat Pump System | ROB | C_School | Xcel | SPS	0.77	449	1
839	Com - High Efficiency Central Heat Pump System | NEW | C_Other | Xcel | SPS	0.76	449	1
840	Com - High Efficiency Central Heat Pump System | ROB | C_Other | Xcel | SPS	0.76	449	1
841	Com - Ductless Mini-Split Heat Pumps | ROB | C_Warehouse | Xcel | SPS	0.76	449	1
842	Com - Ductless Mini-Split Heat Pumps | ROB | C_School | Xcel | SPS	0.75	449	1
843	Com - LED Refrigerated Case Lighting | NEW | C_Health | Xcel | SPS	0.75	449	1
844	Com - LED Refrigerated Case Lighting | RET | C_Health | Xcel | SPS	0.75	449	1
845	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.75	449	1
846	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.75	449	1
847	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.75	449	1
848	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.75	449	1
849	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.75	449	1
850	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.75	449	1
851	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.75	449	1
852	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.75	449	1
853	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.75	449	1
854	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.75	449	1
855	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.75	449	1
856	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.75	449	1
857	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.75	449	1
858	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.75	449	1
859	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.75	449	1
860	Com - LED Refrigerated Case Lighting | NEW | C_Warehouse | Xcel | SPS	0.73	449	1
861	Com - LED Refrigerated Case Lighting | RET | C_Warehouse | Xcel | SPS	0.73	449	1
862	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.73	449	1
863	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.73	449	1
864	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.73	449	1
865	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.73	449	1
866	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.73	449	1
867	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.73	449	1
868	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.73	449	1
869	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.73	449	1
870	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.73	449	1
871	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.73	449	1
872	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Restaurant | Xcel | SP	0.73	449	1
873	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Restaurant | Xcel | SP	0.73	449	1
874	Com - High Efficiency Packaged Air Conditioning | NEW | C_Warehouse | Xcel | SPS	0.73	449	1
875	Com - High Efficiency Packaged Air Conditioning | ROB | C_Warehouse | Xcel | SPS	0.73	449	1
876	Com - LED Refrigerated Case Lighting | NEW | C_Restaurant | Xcel | SPS	0.72	449	1
877	Com - LED Refrigerated Case Lighting | RET | C_Restaurant | Xcel | SPS	0.72	449	1
878	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Grocery | Xcel | SPS	0.72	449	1
879	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Grocery | Xcel | SPS	0.72	449	1
880	Com - LED Refrigerated Case Lighting | NEW | C_Grocery | Xcel | SPS	0.72	449	1
881	Com - LED Refrigerated Case Lighting | RET | C_Grocery | Xcel | SPS	0.72	449	1
882	Com - Exterior Lighting Controls | RET | C_Grocery | Xcel | SPS	0.71	449	1
883	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Grocery | Xcel | SPS	0.71	449	1
884	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.70	449	1
885	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.70	449	1
886	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.70	449	1
887	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.70	449	1
888	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SP	0.70	449	1
889	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SP	0.70	449	1
890	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.70	449	1
891	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.70	449	1
892	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SI	0.70	449	1
893	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SF	0.70	449	1
894	Com - High Efficiency Packaged Air Conditioning | NEW | C_Grocery | Xcel | SPS	0.70	449	1
895	Com - High Efficiency Packaged Air Conditioning | ROB | C_Grocery | Xcel | SPS	0.70	449	1
896	Com - Ductless Mini-Split Heat Pumps | ROB | C_Other | Xcel | SPS	0.69	449	1
897	Com - Room Air Conditioners | RET | C_Other | Xcel | SPS	0.68	449	1
898	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.67	449	1
899	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.67	449	1
900	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.67	449	1
901	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.67	449	1
902	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Warehouse | Xcel | SPS	0.67	449	1
903	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Warehouse | Xcel | SPS	0.67	449	1
904	Com - Ductless Mini-Split Heat Pumps | ROB | C_Grocery | Xcel | SPS	0.66	449	1
905	Com - Room Air Conditioners | RET | C_School | Xcel | SPS	0.66	449	1
906	Com - Exterior Lighting Controls | RET | C_Retail | Xcel | SPS	0.65	449	1
907	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Retail | Xcel | SPS	0.65	449	1
908	Com - Exterior Lighting Controls | RET | C_Warehouse | Xcel | SPS	0.64	450	1
909	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Warehouse | Xcel | SPS	0.64	451	1
910	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Grocery | Xcel | SPS	0.64	451	1
911	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Grocery | Xcel | SPS	0.64	451	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
912	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Warehouse | Xcel | SF	0.60	451	1
913	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Warehouse | Xcel | SF	0.60	451	1
914	Res - Whole House Fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.59	451	1
915	Res - Whole House Fans - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.59	451	1
916	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.59	451	1
917	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.59	451	1
918	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.59	451	1
919	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.59	451	1
920	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.59	451	1
921	Res - Whole House Fans - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.59	451	1
922	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.59	451	1
923	Res - Whole House Fans - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.59	451	1
924	Com - High Efficiency Packaged Air Conditioning | NEW | C_Other | Xcel | SPS	0.57	451	1
925	Com - High Efficiency Packaged Air Conditioning | ROB | C_Other | Xcel | SPS	0.57	451	1
926	Com - DX RTU Unit of varying sizes | NEW | C_Lodging | Xcel | SPS	0.56	451	1
927	Com - DX RTU Unit of varying sizes | ROB | C_Lodging | Xcel | SPS	0.56	451	1
928	Com - DX RTU Unit of varying sizes | NEW | C_Retail | Xcel | SPS	0.56	451	1
929	Com - DX RTU Unit of varying sizes | ROB | C_Retail | Xcel | SPS	0.56	451	1
930	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.56	451	1
931	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.56	451	1
932	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.56	451	1
933	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.56	451	1
934	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.56	451	1
935	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.56	451	1
936	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.56	451	1
937	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.56	451	1
938	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.56	451	1
939	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.56	451	1
940	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.56	451	1
941	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.56	451	1
942	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.56	451	1
943	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.56	451	1
944	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.56	451	1
945	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.56	451	1
946	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.56	451	1
947	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.56	451	1
948	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
949	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
950	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
951	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
952	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
953	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
954	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
955	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
956	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	451	1
957	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.56	451	1
958	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.56	451	1
959	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.56	451	1
960	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.56	451	1
961	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.56	451	1
962	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.56	451	1
963	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.56	451	1
964	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.56	451	1
965	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.56	451	1
966	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	451	1
967	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	451	1
968	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	451	1
969	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.56	451	1
970	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.56	451	1
971	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.56	451	1
972	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	451	1
973	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	451	1
974	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	451	1
975	Com - Exterior Lighting Controls | RET | C_Other | Xcel | SPS	0.55	451	1
976	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Other | Xcel | SPS	0.55	451	1
977	Com - DX RTU Unit of varying sizes | NEW | C_Restaurant | Xcel | SPS	0.53	451	1
978	Com - DX RTU Unit of varying sizes | ROB | C_Restaurant | Xcel | SPS	0.53	451	1
979	Com - High Efficiency Packaged Air Conditioning | NEW | C_School | Xcel | SPS	0.52	451	1
980	Com - High Efficiency Packaged Air Conditioning | ROB | C_School | Xcel | SPS	0.52	451	1
981	Com - Exterior Lighting Controls | RET | C_Office | Xcel | SPS	0.51	451	1
982	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Office | Xcel | SPS	0.51	451	1
983	Ind - Air compressor VFD | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.50	451	1
984	Ind - Air compressor VFD | RET | I_Agriculture | Xcel | SPS	0.50	451	1
985	Ind - Air compressor VFD | RET | I_Manufacturing | Xcel | SPS	0.50	451	1
986	Com - DX RTU Unit of varying sizes | NEW | C_College | Xcel | SPS	0.50	451	1
987	Com - DX RTU Unit of varying sizes | ROB | C_College | Xcel | SPS	0.50	451	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
988	Com - DX RTU Unit of varying sizes | NEW | C_Office | Xcel | SPS	0.50	451	1
989	Com - DX RTU Unit of varying sizes | ROB | C_Office | Xcel | SPS	0.50	451	1
990	Com - DX RTU Unit of varying sizes | NEW | C_Health | Xcel | SPS	0.49	451	1
991	Com - DX RTU Unit of varying sizes | ROB | C_Health | Xcel | SPS	0.49	451	1
992	Com - Exterior Lighting Controls | RET | C_College | Xcel | SPS	0.47	451	1
993	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_College | Xcel | SPS	0.47	451	1
994	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.47	451	1
995	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.47	451	1
996	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.47	451	1
997	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.47	451	1
998	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.47	451	1
999	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.47	451	1
1000	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.47	451	1
1001	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.47	451	1
1002	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.47	451	1
1003	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.47	451	1
1004	Com - Exterior Lighting Controls | RET | C_School | Xcel | SPS	0.45	451	1
1005	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_School | Xcel | SPS	0.45	451	1
1006	Com - Exterior Lighting Controls | RET | C_Lodging | Xcel | SPS	0.45	451	1
1007	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Lodging | Xcel | SPS	0.45	451	1
1008	Com - DX RTU Unit of varying sizes | NEW | C_Warehouse | Xcel | SPS	0.45	451	1
1009	Com - DX RTU Unit of varying sizes | ROB | C_Warehouse | Xcel | SPS	0.45	451	1
1010	Com - DX RTU Unit of varying sizes | NEW | C_Grocery | Xcel | SPS	0.43	451	1
1011	Com - DX RTU Unit of varying sizes | ROB | C_Grocery | Xcel | SPS	0.43	451	1
1012	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.42	451	1
1013	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.42	451	1
1014	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.42	451	1
1015	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.42	451	1
1016	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.42	451	1
1017	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.41	451	1
1018	Res - Advanced Power Strips - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.40	451	1
1019	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.40	451	1
1020	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.40	451	1
1021	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.40	451	1
1022	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.40	451	1
1023	Com - HVAC Variable Frequency Drives | RET | C_College | Xcel | SPS	0.39	451	1
1024	Com - HVAC Variable Frequency Drives | RET | C_Grocery | Xcel | SPS	0.39	451	1
1025	Com - HVAC Variable Frequency Drives | RET | C_Health | Xcel | SPS	0.39	451	1
1026	Com - HVAC Variable Frequency Drives | RET | C_Lodging | Xcel | SPS	0.39	451	1
1027	Com - HVAC Variable Frequency Drives | RET | C_Office | Xcel | SPS	0.39	451	1
1028	Com - HVAC Variable Frequency Drives | RET | C_Other | Xcel | SPS	0.39	451	1
1029	Com - HVAC Variable Frequency Drives | RET | C_Restaurant | Xcel | SPS	0.39	451	1
1030	Com - HVAC Variable Frequency Drives | RET | C_Retail | Xcel | SPS	0.39	451	1
1031	Com - HVAC Variable Frequency Drives | RET | C_School | Xcel | SPS	0.39	451	1
1032	Com - HVAC Variable Frequency Drives | RET | C_Warehouse | Xcel | SPS	0.39	451	1
1033	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.38	451	1
1034	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.38	451	1
1035	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.38	451	1
1036	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.38	451	1
1037	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.38	451	1
1038	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.38	451	1
1039	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.38	451	1
1040	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.38	451	1
1041	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.38	451	1
1042	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.38	451	1
1043	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.38	451	1
1044	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.37	451	1
1045	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.37	451	1
1046	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.37	451	1
1047	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.37	451	1
1048	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.37	451	1
1049	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_College | Xcel | SPS	0.36	451	1
1050	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_College | Xcel | SPS	0.36	451	1
1051	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Grocery | Xcel | SPS	0.36	451	1
1052	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Grocery | Xcel | SPS	0.36	451	1
1053	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Health | Xcel | SPS	0.36	451	1
1054	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Health | Xcel | SPS	0.36	451	1
1055	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Lodging | Xcel | SPS	0.36	451	1
1056	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Lodging | Xcel | SPS	0.36	451	1
1057	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Restaurant | Xcel | SPS	0.36	451	1
1058	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Restaurant | Xcel | SPS	0.36	451	1
1059	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family Low Income | Xcel |	0.35	451	1
1060	Com - DX RTU Unit of varying sizes | NEW | C_Other | Xcel | SPS	0.35	451	1
1061	Com - DX RTU Unit of varying sizes | ROB | C_Other | Xcel | SPS	0.35	451	1
1062	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.33	451	1
1063	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.33	451	1

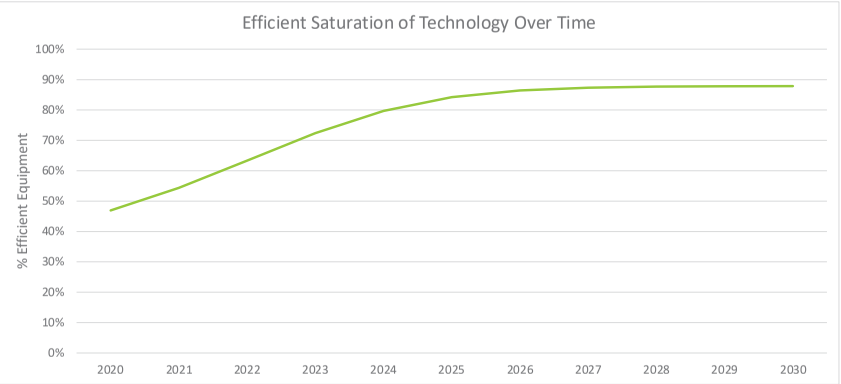
Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
1064	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.33	451	1
1065	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.33	451	1
1066	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.33	451	1
1067	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.33	451	1
1068	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.33	451	1
1069	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.33	451	1
1070	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.33	451	1
1071	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.33	451	1
1072	Com - DX RTU Unit of varying sizes | NEW | C_School | Xcel | SPS	0.32	451	1
1073	Com - DX RTU Unit of varying sizes | ROB | C_School | Xcel | SPS	0.32	451	1
1074	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.32	451	1
1075	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.32	451	1
1076	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.32	451	1
1077	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.32	451	1
1078	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.32	451	1
1079	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.31	451	1
1080	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.31	451	1
1081	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.31	451	1
1082	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.31	451	1
1083	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.31	451	1
1084	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.31	451	1
1085	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.31	451	1
1086	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.31	451	1
1087	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.31	451	1
1088	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.31	451	1
1089	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.29	451	1
1090	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.29	451	1
1091	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.29	451	1
1092	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.29	451	1
1093	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.29	451	1
1094	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.29	451	1
1095	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.29	451	1
1096	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.29	451	1
1097	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.29	451	1
1098	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.29	451	1
1099	Com - Vending Machine Controls | RET | C_Lodging | Xcel | SPS	0.28	451	1
1100	Com - Vending Machine Controls | RET | C_School | Xcel | SPS	0.27	451	1
1101	Com - Vending Machine Controls | RET | C_Office | Xcel | SPS	0.25	451	1
1102	Com - Vending Machine Controls | RET | C_College | Xcel | SPS	0.24	451	1
1103	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.24	451	1
1104	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.24	451	1
1105	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.24	451	1
1106	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.24	451	1
1107	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.24	451	1
1108	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.23	451	1
1109	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.23	451	1
1110	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.23	451	1
1111	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.23	451	1
1112	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.23	451	1
1113	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.23	451	1
1114	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.23	451	1
1115	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.23	451	1
1116	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.23	451	1
1117	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.23	451	1
1118	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.21	451	1
1119	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.21	451	1
1120	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.21	451	1
1121	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.21	451	1
1122	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.21	451	1
1123	Com - Vending Machine Controls | RET | C_Restaurant | Xcel | SPS	0.19	451	1
1124	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.19	451	1
1125	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.19	451	1
1126	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.19	451	1
1127	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.19	451	1
1128	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.19	451	1
1129	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.19	451	1
1130	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.19	451	1
1131	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.19	451	1
1132	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.19	451	1
1133	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.19	451	1
1134	Com - Vending Machine Controls | RET | C_Retail | Xcel | SPS	0.19	451	1
1135	Res - Smart ceiling fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.16	451	1
1136	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.16	451	1
1137	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.16	451	1
1138	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.16	451	1
1139	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.16	451	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
1140	Com - Vending Machine Controls | RET | C_Warehouse | Xcel | SPS	0.16	451	1
1141	Com - Ductless Mini-Split Heat Pumps | RET | C_Restaurant | Xcel | SPS	0.16	451	1
1142	Com - Vending Machine Controls | RET | C_Health | Xcel | SPS	0.16	451	1
1143	Com - Ductless Mini-Split Heat Pumps | RET | C_Retail | Xcel | SPS	0.15	451	1
1144	Com - Vending Machine Controls | RET | C_Grocery | Xcel | SPS	0.15	451	1
1145	Com - Ductless Mini-Split Heat Pumps | RET | C_Lodging | Xcel | SPS	0.15	451	1
1146	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.14	451	1
1147	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.14	451	1
1148	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.14	451	1
1149	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.14	451	1
1150	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	451	1
1151	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	451	1
1152	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.14	451	1
1153	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.14	451	1
1154	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SP	0.14	451	1
1155	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.14	451	1
1156	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Health | Xcel | SPS	0.14	451	1
1157	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.12	451	1
1158	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.12	451	1
1159	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.12	451	1
1160	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.12	451	1
1161	Ind - Progressive Cavity Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.11	451	1
1162	Ind - Progressive Cavity Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.11	451	1
1163	Com - Ductless Mini-Split Heat Pumps | RET | C_Office | Xcel | SPS	0.11	451	1
1164	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.11	451	1
1165	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.11	451	1
1166	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.11	451	1
1167	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.11	451	1
1168	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.11	451	1
1169	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.11	451	1
1170	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.10	451	1
1171	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.10	451	1
1172	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.10	451	1
1173	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.10	451	1
1174	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.10	451	1
1175	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.10	451	1
1176	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.10	451	1
1177	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.10	451	1
1178	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.10	451	1
1179	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.10	451	1
1180	Com - Ductless Mini-Split Heat Pumps | RET | C_College | Xcel | SPS	0.10	451	1
1181	Com - Ductless Mini-Split Heat Pumps | RET | C_Health | Xcel | SPS	0.10	451	1
1182	Com - Ductless Mini-Split Heat Pumps | RET | C_Warehouse | Xcel | SPS	0.10	451	1
1183	Com - Ductless Mini-Split Heat Pumps | RET | C_School | Xcel | SPS	0.10	451	1
1184	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_College | Xcel | SPS	0.09	451	1
1185	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.09	451	1
1186	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.09	451	1
1187	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.09	451	1
1188	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.09	451	1
1189	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.09	451	1
1190	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Office | Xcel | SPS	0.09	451	1
1191	Com - Ductless Mini-Split Heat Pumps | RET | C_Other | Xcel | SPS	0.09	451	1
1192	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Lodging | Xcel | SPS	0.09	451	1
1193	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Grocery | Xcel | SPS	0.09	451	1
1194	Com - Ductless Mini-Split Heat Pumps | RET | C_Grocery | Xcel | SPS	0.09	451	1
1195	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_School | Xcel | SPS	0.08	451	1
1196	Res - Solar Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.07	451	1
1197	Res - Solar Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.07	451	1
1198	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.07	451	1
1199	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.07	451	1
1200	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.07	451	1
1201	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.07	451	1
1202	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Retail | Xcel | SPS	0.07	451	1
1203	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.06	451	1
1204	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.06	451	1
1205	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.06	451	1
1206	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.06	451	1
1207	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Other | Xcel | SPS	0.04	451	1
1208	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.04	451	1
1209	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.04	451	1
1210	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.04	451	1
1211	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.04	451	1
1212	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	451	1
1213	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.04	451	1
1214	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.04	451	1
1215	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.04	451	1

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)	
1216	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.04	451	1
1217	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.04	451	1
1218	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.04	451	1
1219	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.04	451	1
1220	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	451	1
1221	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.04	451	1
1222	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.04	451	1
1223	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.03	451	1
1224	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.03	451	1
1225	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.03	451	1
1226	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.03	451	1
1227	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.03	451	1
1228	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.03	451	1
1229	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	451	1
1230	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	451	1
1231	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03	451	1
1232	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03	451	1
1233	Ind - Progressive Cavity Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.03	451	1
1234	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.03	451	1
1235	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.03	451	1
1236	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	451	1
1237	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.03	451	1
1238	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	451	1
1239	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.03	451	1
1240	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.03	451	1
1241	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.03	451	1
1242	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.03	451	1
1243	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.03	451	1
1244	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.01	451	1
1245	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.01	451	1
1246	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.01	451	1
1247	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.01	451	1
1248	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.01	451	1
1249	Ind - Select More effcient Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	451	1
1250	Ind - Select More effcient Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	451	1
1251	Ind - O&G O&M | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	451	1
1252	Ind - Select More effcient Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	451	1

Measure Level Efficient Saturation

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_College	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2020	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2020	C_College	Com - Custom cooling	NEW	29%
2020	C_College	Com - Custom cooling	RET	20%
2020	C_College	Com - Custom Lighting	NEW	37%
2020	C_College	Com - Custom motors	NEW	29%
2020	C_College	Com - Custom motors	RET	20%
2020	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_College	Com - Exterior LED fixture	NEW	50%
2020	C_College	Com - Exterior LED fixture	ROB	50%
2020	C_College	Com - Exterior LED Lamp	NEW	50%
2020	C_College	Com - Exterior LED Lamp	ROB	50%
2020	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2020	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2020	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2020	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2020	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	62%
2020	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	62%
2020	C_College	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_College	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_College	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_College	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Grocery	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2020	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2020	C_Grocery	Com - Custom cooling	NEW	29%
2020	C_Grocery	Com - Custom cooling	RET	20%
2020	C_Grocery	Com - Custom Lighting	NEW	37%
2020	C_Grocery	Com - Custom motors	NEW	29%
2020	C_Grocery	Com - Custom motors	RET	20%
2020	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2020	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Grocery	Com - Exterior LED fixture	NEW	96%
2020	C_Grocery	Com - Exterior LED fixture	ROB	96%
2020	C_Grocery	Com - Exterior LED Lamp	NEW	96%
2020	C_Grocery	Com - Exterior LED Lamp	ROB	96%
2020	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2020	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2020	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2020	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Grocery	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Grocery	Com - Room Air Conditioners	NEW	15%
2020	C_Grocery	Com - Room Air Conditioners	ROB	15%
2020	C_Health	Com - Anti-Sweat Heater Controls	RET	48%
2020	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	57%
2020	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	57%
2020	C_Health	Com - Custom cooling	NEW	29%
2020	C_Health	Com - Custom cooling	RET	20%
2020	C_Health	Com - Custom Lighting	NEW	37%
2020	C_Health	Com - Custom motors	NEW	29%
2020	C_Health	Com - Custom motors	RET	20%
2020	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	6%
2020	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Health	Com - Exterior LED fixture	NEW	50%
2020	C_Health	Com - Exterior LED fixture	ROB	50%
2020	C_Health	Com - Exterior LED Lamp	NEW	50%
2020	C_Health	Com - Exterior LED Lamp	ROB	50%
2020	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	8%
2020	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	8%
2020	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	56%
2020	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	56%
2020	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	59%
2020	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	59%
2020	C_Health	Com - Low-flow Faucet Aerator	NEW	64%
2020	C_Health	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Health	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Health	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Health	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Health	Com - Packaged Terminal Heat Pumps	NEW	15%



Customer Segment	R_Single Family
Measure	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC
Replacement Type	RET

Row Labels	Average of Efficient Saturation
2020	0.4691
2021	0.5436
2022	0.633
2023	0.7237
2024	0.7969
2025	0.8424
2026	0.8645
2027	0.8735
2028	0.8769
2029	0.8781
2030	0.8785
Grand Total	**0.761836364**

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_Health	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Health	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Health	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Health	Com - Room Air Conditioners	NEW	15%
2020	C_Health	Com - Room Air Conditioners	ROB	15%
2020	C_Lodging	Com - Anti-Sweat Heater Controls	RET	60%
2020	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	57%
2020	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	57%
2020	C_Lodging	Com - Custom cooling	NEW	29%
2020	C_Lodging	Com - Custom cooling	RET	20%
2020	C_Lodging	Com - Custom Lighting	NEW	37%
2020	C_Lodging	Com - Custom motors	NEW	29%
2020	C_Lodging	Com - Custom motors	RET	20%
2020	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	23%
2020	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Lodging	Com - Exterior LED fixture	NEW	71%
2020	C_Lodging	Com - Exterior LED fixture	ROB	71%
2020	C_Lodging	Com - Exterior LED Lamp	NEW	71%
2020	C_Lodging	Com - Exterior LED Lamp	ROB	71%
2020	C_Lodging	Com - Guest Room Energy Management	RET	18%
2020	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2020	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2020	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2020	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2020	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	52%
2020	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	52%
2020	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	7%
2020	C_Lodging	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Lodging	Com - Low-flow Faucet Aerator	NEW	64%
2020	C_Lodging	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Lodging	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Lodging	Com - Room Air Conditioners	NEW	15%
2020	C_Lodging	Com - Room Air Conditioners	RET	15%
2020	C_Lodging	Com - Room Air Conditioners	ROB	15%
2020	C_Lodging	Com - Water Source Heat Pump	NEW	35%
2020	C_Lodging	Com - Water Source Heat Pump	ROB	35%
2020	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	29%
2020	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	20%
2020	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	37%
2020	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	29%
2020	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	20%
2020	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	30%
2020	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	54%
2020	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	54%
2020	C_Office	Com - Anti-Sweat Heater Controls	RET	57%
2020	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2020	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2020	C_Office	Com - Custom cooling	NEW	29%
2020	C_Office	Com - Custom cooling	RET	20%
2020	C_Office	Com - Custom Lighting	NEW	37%
2020	C_Office	Com - Custom motors	NEW	29%
2020	C_Office	Com - Custom motors	RET	20%
2020	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	12%
2020	C_Office	Com - Exterior LED fixture	NEW	35%
2020	C_Office	Com - Exterior LED fixture	ROB	35%
2020	C_Office	Com - Exterior LED Lamp	NEW	35%
2020	C_Office	Com - Exterior LED Lamp	ROB	35%
2020	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2020	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2020	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2020	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2020	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	56%
2020	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	56%
2020	C_Office	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Office	Com - Low-flow Faucet Aerator	RET	79%
2020	C_Office	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Office	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Office	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Office	Com - Room Air Conditioners	NEW	15%
2020	C_Office	Com - Room Air Conditioners	ROB	15%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_Other	Com - Anti-Sweat Heater Controls	RET	43%
2020	C_Other	Com - Custom cooling	NEW	29%
2020	C_Other	Com - Custom cooling	RET	20%
2020	C_Other	Com - Custom Lighting	NEW	37%
2020	C_Other	Com - Custom motors	NEW	29%
2020	C_Other	Com - Custom motors	RET	20%
2020	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2020	C_Other	Com - Exterior LED fixture	NEW	50%
2020	C_Other	Com - Exterior LED fixture	ROB	50%
2020	C_Other	Com - Exterior LED Lamp	NEW	50%
2020	C_Other	Com - Exterior LED Lamp	ROB	50%
2020	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	19%
2020	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	19%
2020	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2020	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2020	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	56%
2020	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	56%
2020	C_Other	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Other	Com - Low-flow Faucet Aerator	NEW	64%
2020	C_Other	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Other	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Other	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Other	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Other	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Other	Com - Room Air Conditioners	NEW	15%
2020	C_Other	Com - Room Air Conditioners	ROB	15%
2020	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_Restaurant	Com - Custom cooling	NEW	29%
2020	C_Restaurant	Com - Custom cooling	RET	20%
2020	C_Restaurant	Com - Custom Lighting	NEW	37%
2020	C_Restaurant	Com - Custom motors	NEW	29%
2020	C_Restaurant	Com - Custom motors	RET	20%
2020	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	51%
2020	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Restaurant	Com - Exterior LED fixture	NEW	90%
2020	C_Restaurant	Com - Exterior LED fixture	ROB	90%
2020	C_Restaurant	Com - Exterior LED Lamp	NEW	90%
2020	C_Restaurant	Com - Exterior LED Lamp	ROB	90%
2020	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	67%
2020	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	67%
2020	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2020	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2020	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	64%
2020	C_Restaurant	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Restaurant	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Restaurant	Com - Water Source Heat Pump	NEW	43%
2020	C_Restaurant	Com - Water Source Heat Pump	ROB	43%
2020	C_Retail	Com - Anti-Sweat Heater Controls	RET	77%
2020	C_Retail	Com - Custom cooling	NEW	29%
2020	C_Retail	Com - Custom cooling	RET	20%
2020	C_Retail	Com - Custom Lighting	NEW	37%
2020	C_Retail	Com - Custom motors	NEW	29%
2020	C_Retail	Com - Custom motors	RET	20%
2020	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	18%
2020	C_Retail	Com - Exterior LED fixture	NEW	83%
2020	C_Retail	Com - Exterior LED fixture	ROB	83%
2020	C_Retail	Com - Exterior LED Lamp	NEW	83%
2020	C_Retail	Com - Exterior LED Lamp	ROB	83%
2020	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	29%
2020	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	29%
2020	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	55%
2020	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	55%
2020	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	49%
2020	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	49%
2020	C_Retail	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_School	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2020	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2020	C_School	Com - Custom cooling	NEW	29%
2020	C_School	Com - Custom cooling	RET	20%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_School	Com - Custom Lighting	NEW	37%
2020	C_School	Com - Custom motors	NEW	29%
2020	C_School	Com - Custom motors	RET	20%
2020	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2020	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2020	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2020	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2020	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2020	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2020	C_School	Com - LED Refrigerated Case Lighting	NEW	7%
2020	C_School	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_School	Com - Low-flow Faucet Aerator	NEW	64%
2020	C_School	Com - Low-flow Faucet Aerator	RET	50%
2020	C_School	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_School	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_School	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_School	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	57%
2020	C_Warehouse	Com - Custom cooling	NEW	29%
2020	C_Warehouse	Com - Custom cooling	RET	20%
2020	C_Warehouse	Com - Custom Lighting	NEW	37%
2020	C_Warehouse	Com - Custom motors	NEW	29%
2020	C_Warehouse	Com - Custom motors	RET	20%
2020	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	2%
2020	C_Warehouse	Com - Exterior LED fixture	NEW	84%
2020	C_Warehouse	Com - Exterior LED fixture	ROB	84%
2020	C_Warehouse	Com - Exterior LED Lamp	NEW	84%
2020	C_Warehouse	Com - Exterior LED Lamp	ROB	84%
2020	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	53%
2020	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	53%
2020	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	66%
2020	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	66%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Warehouse	Com - Room Air Conditioners	NEW	15%
2020	C_Warehouse	Com - Room Air Conditioners	ROB	15%
2020	I_Agriculture	Ind - Air Compressor Optimization	RET	30%
2020	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	50%
2020	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	50%
2020	I_Manufacturing	Ind - Air Compressor Optimization	RET	30%
2020	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	54%
2020	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	54%
2020	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	2%
2020	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	2%
2020	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	5%
2020	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	5%
2020	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	8%
2020	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2020	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2020	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2020	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2020	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	42%
2020	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2020	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	10%
2020	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	18%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	23%
2020	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	23%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	42%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	42%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2020	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	72%
2020	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	57%
2020	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	4%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	4%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	4%
2020	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	77%
2020	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2020	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	30%
2020	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	30%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	40%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2020	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	49%
2020	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	33%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	6%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	6%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2020	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	11%
2020	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	11%
2020	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	11%
2020	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2020	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2020	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	46%
2020	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	46%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2020	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2020	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2020	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2020	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	62%
2020	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	41%
2020	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	10%
2020	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	10%
2020	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + EC	RET	3%
2020	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + NC	RET	3%
2020	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2020	R_Single Family Low Incor	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Single Family Low Incor	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Single Family Low Incor	Res - Duct Sealing - Space Heating - EH + EC	RET	13%
2020	R_Single Family Low Incor	Res - Duct Sealing - Space Heating - EH + NC	RET	13%
2020	R_Single Family Low Incor	Res - Duct Sealing - Space Heating - GH + EC	RET	13%
2020	R_Single Family Low Incor	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Single Family Low Incor	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	12%
2020	R_Single Family Low Incor	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	12%
2020	R_Single Family Low Incor	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	12%
2020	R_Single Family Low Incor	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	12%
2020	R_Single Family Low Incor	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2020	R_Single Family Low Incor	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2020	R_Single Family Low Incor	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Single Family Low Incor	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Single Family Low Incor	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	48%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	42%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	46%
2020	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	33%
2020	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	9%
2020	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	9%
2021	C_College	Com - Anti-Sweat Heater Controls	RET	67%
2021	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2021	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2021	C_College	Com - Custom cooling	NEW	29%
2021	C_College	Com - Custom cooling	RET	26%
2021	C_College	Com - Custom Lighting	NEW	37%
2021	C_College	Com - Custom motors	NEW	29%
2021	C_College	Com - Custom motors	RET	26%
2021	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	7%
2021	C_College	Com - Exterior LED fixture	NEW	53%
2021	C_College	Com - Exterior LED fixture	ROB	53%
2021	C_College	Com - Exterior LED Lamp	NEW	54%
2021	C_College	Com - Exterior LED Lamp	ROB	54%
2021	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2021	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2021	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2021	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2021	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	64%
2021	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	64%
2021	C_College	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_College	Com - Packaged Terminal Air Conditioners	RET	7%
2021	C_College	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_College	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_College	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_College	Com - Room Air Conditioners	RET	1%
2021	C_College	Com - Water Source Heat Pump	NEW	4%
2021	C_College	Com - Water Source Heat Pump	ROB	4%
2021	C_Grocery	Com - Anti-Sweat Heater Controls	RET	67%
2021	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	33%
2021	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	33%
2021	C_Grocery	Com - Custom cooling	NEW	29%
2021	C_Grocery	Com - Custom cooling	RET	26%
2021	C_Grocery	Com - Custom Lighting	NEW	37%
2021	C_Grocery	Com - Custom motors	NEW	29%
2021	C_Grocery	Com - Custom motors	RET	26%
2021	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	37%
2021	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Grocery	Com - Exterior LED fixture	NEW	97%
2021	C_Grocery	Com - Exterior LED fixture	ROB	97%
2021	C_Grocery	Com - Exterior LED Lamp	NEW	97%
2021	C_Grocery	Com - Exterior LED Lamp	ROB	97%
2021	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2021	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2021	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2021	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Grocery	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Grocery	Com - Room Air Conditioners	NEW	16%
2021	C_Grocery	Com - Room Air Conditioners	ROB	16%
2021	C_Grocery	Com - Zero-Energy Doors	RET	12%
2021	C_Health	Com - Anti-Sweat Heater Controls	RET	51%
2021	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	58%
2021	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	58%
2021	C_Health	Com - Custom cooling	NEW	29%
2021	C_Health	Com - Custom cooling	RET	26%
2021	C_Health	Com - Custom Lighting	NEW	37%
2021	C_Health	Com - Custom motors	NEW	29%
2021	C_Health	Com - Custom motors	RET	26%
2021	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	5%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	13%
2021	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Health	Com - Exterior LED fixture	NEW	53%
2021	C_Health	Com - Exterior LED fixture	ROB	53%
2021	C_Health	Com - Exterior LED Lamp	NEW	54%
2021	C_Health	Com - Exterior LED Lamp	ROB	54%
2021	C_Health	Com - Exterior Lighting Controls	RET	21%
2021	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	8%
2021	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	8%
2021	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	57%
2021	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	57%
2021	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	13%
2021	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	61%
2021	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	61%
2021	C_Health	Com - Low-flow Faucet Aerator	NEW	64%
2021	C_Health	Com - Low-flow Faucet Aerator	RET	53%
2021	C_Health	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Health	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Health	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Health	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Health	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Health	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Health	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Health	Com - Room Air Conditioners	NEW	16%
2021	C_Health	Com - Room Air Conditioners	RET	16%
2021	C_Health	Com - Room Air Conditioners	ROB	16%
2021	C_Health	Com - Water Source Heat Pump	NEW	35%
2021	C_Health	Com - Water Source Heat Pump	ROB	35%
2021	C_Health	Com - Zero-Energy Doors	RET	1%
2021	C_Lodging	Com - Anti-Sweat Heater Controls	RET	62%
2021	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	58%
2021	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	58%
2021	C_Lodging	Com - Custom cooling	NEW	29%
2021	C_Lodging	Com - Custom cooling	RET	26%
2021	C_Lodging	Com - Custom Lighting	NEW	37%
2021	C_Lodging	Com - Custom motors	NEW	29%
2021	C_Lodging	Com - Custom motors	RET	26%
2021	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	28%
2021	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Lodging	Com - Exterior LED fixture	NEW	73%
2021	C_Lodging	Com - Exterior LED fixture	ROB	73%
2021	C_Lodging	Com - Exterior LED Lamp	NEW	74%
2021	C_Lodging	Com - Exterior LED Lamp	ROB	74%
2021	C_Lodging	Com - Guest Room Energy Management	RET	23%
2021	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2021	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2021	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2021	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2021	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	54%
2021	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	54%
2021	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	7%
2021	C_Lodging	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_Lodging	Com - Low-flow Faucet Aerator	NEW	64%
2021	C_Lodging	Com - Low-flow Faucet Aerator	RET	53%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Lodging	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Lodging	Com - Room Air Conditioners	NEW	16%
2021	C_Lodging	Com - Room Air Conditioners	RET	21%
2021	C_Lodging	Com - Room Air Conditioners	ROB	16%
2021	C_Lodging	Com - Water Source Heat Pump	NEW	36%
2021	C_Lodging	Com - Water Source Heat Pump	ROB	36%
2021	C_Lodging	Com - Zero-Energy Doors	RET	28%
2021	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	29%
2021	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	26%
2021	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	37%
2021	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	29%
2021	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	26%
2021	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	34%
2021	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	7%
2021	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	58%
2021	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	58%
2021	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	7%
2021	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	7%
2021	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	13%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Office	Com - Anti-Sweat Heater Controls	RET	60%
2021	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2021	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2021	C_Office	Com - Custom cooling	NEW	29%
2021	C_Office	Com - Custom cooling	RET	26%
2021	C_Office	Com - Custom Lighting	NEW	37%
2021	C_Office	Com - Custom motors	NEW	29%
2021	C_Office	Com - Custom motors	RET	26%
2021	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	18%
2021	C_Office	Com - Exterior LED fixture	NEW	37%
2021	C_Office	Com - Exterior LED fixture	ROB	37%
2021	C_Office	Com - Exterior LED Lamp	NEW	39%
2021	C_Office	Com - Exterior LED Lamp	ROB	39%
2021	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2021	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2021	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	69%
2021	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	69%
2021	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	58%
2021	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	58%
2021	C_Office	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_Office	Com - Low-flow Faucet Aerator	RET	80%
2021	C_Office	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Office	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Office	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Office	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Office	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Office	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Office	Com - Room Air Conditioners	NEW	16%
2021	C_Office	Com - Room Air Conditioners	RET	16%
2021	C_Office	Com - Room Air Conditioners	ROB	16%
2021	C_Office	Com - Zero-Energy Doors	RET	14%
2021	C_Other	Com - Anti-Sweat Heater Controls	RET	46%
2021	C_Other	Com - Custom cooling	NEW	29%
2021	C_Other	Com - Custom cooling	RET	26%
2021	C_Other	Com - Custom Lighting	NEW	37%
2021	C_Other	Com - Custom motors	NEW	29%
2021	C_Other	Com - Custom motors	RET	26%
2021	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	57%
2021	C_Other	Com - Exterior LED fixture	NEW	53%
2021	C_Other	Com - Exterior LED fixture	ROB	53%
2021	C_Other	Com - Exterior LED Lamp	NEW	54%
2021	C_Other	Com - Exterior LED Lamp	ROB	54%
2021	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	20%
2021	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	20%
2021	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2021	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2021	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	58%
2021	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	58%
2021	C_Other	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_Other	Com - Low-flow Faucet Aerator	NEW	64%
2021	C_Other	Com - Low-flow Faucet Aerator	RET	53%
2021	C_Other	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Other	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Other	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Other	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Other	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Other	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Other	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Other	Com - Room Air Conditioners	NEW	16%
2021	C_Other	Com - Room Air Conditioners	ROB	16%
2021	C_Other	Com - Zero-Energy Doors	RET	65%
2021	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	67%
2021	C_Restaurant	Com - Custom cooling	NEW	29%
2021	C_Restaurant	Com - Custom cooling	RET	26%
2021	C_Restaurant	Com - Custom Lighting	NEW	37%
2021	C_Restaurant	Com - Custom motors	NEW	29%
2021	C_Restaurant	Com - Custom motors	RET	26%
2021	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2021	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Restaurant	Com - Exterior LED fixture	NEW	91%
2021	C_Restaurant	Com - Exterior LED fixture	ROB	91%
2021	C_Restaurant	Com - Exterior LED Lamp	NEW	91%
2021	C_Restaurant	Com - Exterior LED Lamp	ROB	91%
2021	C_Restaurant	Com - Exterior Lighting Controls	RET	41%
2021	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2021	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2021	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	45%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	71%
2021	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	71%
2021	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	64%
2021	C_Restaurant	Com - Low-flow Faucet Aerator	RET	53%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Restaurant	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Restaurant	Com - Room Air Conditioners	RET	7%
2021	C_Restaurant	Com - Water Source Heat Pump	NEW	44%
2021	C_Restaurant	Com - Water Source Heat Pump	ROB	44%
2021	C_Restaurant	Com - Zero-Energy Doors	RET	45%
2021	C_Retail	Com - Anti-Sweat Heater Controls	RET	78%
2021	C_Retail	Com - Custom cooling	NEW	29%
2021	C_Retail	Com - Custom cooling	RET	26%
2021	C_Retail	Com - Custom Lighting	NEW	37%
2021	C_Retail	Com - Custom motors	NEW	29%
2021	C_Retail	Com - Custom motors	RET	26%
2021	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	24%
2021	C_Retail	Com - Exterior LED fixture	NEW	84%
2021	C_Retail	Com - Exterior LED fixture	ROB	84%
2021	C_Retail	Com - Exterior LED Lamp	NEW	85%
2021	C_Retail	Com - Exterior LED Lamp	ROB	85%
2021	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	30%
2021	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	30%
2021	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	56%
2021	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	56%
2021	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	51%
2021	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	51%
2021	C_Retail	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_Retail	Com - Packaged Terminal Air Conditioners	RET	7%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Retail	Com - Room Air Conditioners	RET	7%
2021	C_Retail	Com - Zero-Energy Doors	RET	26%
2021	C_School	Com - Anti-Sweat Heater Controls	RET	67%
2021	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2021	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2021	C_School	Com - Custom cooling	NEW	29%
2021	C_School	Com - Custom cooling	RET	26%
2021	C_School	Com - Custom Lighting	NEW	37%
2021	C_School	Com - Custom motors	NEW	29%
2021	C_School	Com - Custom motors	RET	26%
2021	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	16%
2021	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	7%
2021	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2021	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2021	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	67%
2021	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	67%
2021	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2021	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2021	C_School	Com - LED Refrigerated Case Lighting	NEW	7%
2021	C_School	Com - LED Refrigerated Case Lighting	RET	16%
2021	C_School	Com - Low-flow Faucet Aerator	NEW	64%
2021	C_School	Com - Low-flow Faucet Aerator	RET	53%
2021	C_School	Com - Packaged Terminal Air Conditioners	RET	7%
2021	C_School	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_School	Com - Packaged Terminal Heat Pumps	RET	21%
2021	C_School	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_School	Com - Pre-rinse Spray Valves	RET	29%
2021	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	60%
2021	C_Warehouse	Com - Custom cooling	NEW	29%
2021	C_Warehouse	Com - Custom cooling	RET	26%
2021	C_Warehouse	Com - Custom Lighting	NEW	37%
2021	C_Warehouse	Com - Custom motors	NEW	29%
2021	C_Warehouse	Com - Custom motors	RET	26%
2021	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	8%
2021	C_Warehouse	Com - Exterior LED fixture	NEW	86%
2021	C_Warehouse	Com - Exterior LED fixture	ROB	86%
2021	C_Warehouse	Com - Exterior LED Lamp	NEW	86%
2021	C_Warehouse	Com - Exterior LED Lamp	ROB	86%
2021	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	54%
2021	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	54%
2021	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	68%
2021	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	68%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	21%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Warehouse	Com - Room Air Conditioners	NEW	16%
2021	C_Warehouse	Com - Room Air Conditioners	RET	16%
2021	C_Warehouse	Com - Room Air Conditioners	ROB	16%
2021	C_Warehouse	Com - Zero-Energy Doors	RET	4%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	I_Agriculture	Ind - Air Compressor Optimization	RET	34%
2021	I_Agriculture	Ind - Dew Point Controls	RET	7%
2021	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	52%
2021	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	52%
2021	I_Agriculture	Ind - Mist Eliminators	RET	7%
2021	I_Agriculture	Ind - No Air Loss Drain	RET	7%
2021	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	13%
2021	I_Manufacturing	Ind - Air Compressor Optimization	RET	34%
2021	I_Manufacturing	Ind - Dew Point Controls	RET	7%
2021	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	58%
2021	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	58%
2021	I_Manufacturing	Ind - Mist Eliminators	RET	7%
2021	I_Manufacturing	Ind - No Air Loss Drain	RET	7%
2021	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	13%
2021	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	15%
2021	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	15%
2021	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	57%
2021	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	57%
2021	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	15%
2021	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	15%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	80%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	8%
2021	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2021	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	45%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	51%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	51%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	42%
2021	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	96%
2021	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	96%
2021	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	49%
2021	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	60%
2021	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	13%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	13%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	13%
2021	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	57%
2021	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	57%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	2%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	2%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	2%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	80%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	19%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	25%
2021	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	25%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	52%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	52%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2021	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	92%
2021	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	92%
2021	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	92%
2021	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	75%
2021	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	62%
2021	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	16%
2021	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2021	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	14%
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	13%
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	13%
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	13%
2021	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	57%
2021	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	57%
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	6%
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	6%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	6%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	80%
2021	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2021	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	32%
2021	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	50%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	50%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	44%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	44%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	44%
2021	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	54%
2021	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	40%
2021	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	16%
2021	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2021	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	14%
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	18%
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	18%
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	18%
2021	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	57%
2021	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	57%
2021	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	20%
2021	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	20%
2021	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	20%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	80%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	30%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	30%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	30%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	30%
2021	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2021	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2021	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2021	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	53%
2021	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	53%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	56%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	56%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2021	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	45%
2021	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	45%
2021	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	45%
2021	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	66%
2021	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	48%
2021	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2021	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	23%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	15%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	15%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	15%
2021	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	57%
2021	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	57%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	23%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	23%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	23%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	80%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	13%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	13%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	13%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	13%
2021	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2021	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	54%
2021	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	54%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	51%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	51%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	57%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	57%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	57%
2021	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	52%
2021	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	39%
2021	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	22%
2021	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	22%
2022	C_College	Com - Anti-Sweat Heater Controls	RET	70%
2022	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	34%
2022	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	34%
2022	C_College	Com - Custom cooling	NEW	36%
2022	C_College	Com - Custom cooling	RET	33%
2022	C_College	Com - Custom Lighting	NEW	53%
2022	C_College	Com - Custom motors	NEW	36%
2022	C_College	Com - Custom motors	RET	33%
2022	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_College	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_College	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	16%
2022	C_College	Com - Exterior LED fixture	NEW	58%
2022	C_College	Com - Exterior LED fixture	ROB	58%
2022	C_College	Com - Exterior LED Lamp	NEW	61%
2022	C_College	Com - Exterior LED Lamp	ROB	61%
2022	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2022	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2022	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2022	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2022	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	69%
2022	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	69%
2022	C_College	Com - Interior Network Connected LED Lamps	NEW	116.3u
2022	C_College	Com - Interior Network Connected LED Lamps	ROB	116.3u
2022	C_College	Com - LED Refrigerated Case Lighting	NEW	7%
2022	C_College	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_College	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_College	Com - Packaged Terminal Air Conditioners	NEW	1%
2022	C_College	Com - Packaged Terminal Air Conditioners	RET	16%
2022	C_College	Com - Packaged Terminal Air Conditioners	ROB	1%
2022	C_College	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_College	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_College	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_College	Com - Room Air Conditioners	NEW	1%
2022	C_College	Com - Room Air Conditioners	RET	10%
2022	C_College	Com - Room Air Conditioners	ROB	1%
2022	C_College	Com - Water Source Heat Pump	NEW	5%
2022	C_College	Com - Water Source Heat Pump	ROB	5%
2022	C_Grocery	Com - Anti-Sweat Heater Controls	RET	70%
2022	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2022	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2022	C_Grocery	Com - Custom cooling	NEW	36%
2022	C_Grocery	Com - Custom cooling	RET	33%
2022	C_Grocery	Com - Custom Lighting	NEW	53%
2022	C_Grocery	Com - Custom motors	NEW	36%
2022	C_Grocery	Com - Custom motors	RET	33%
2022	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	43%
2022	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2022	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2022	C_Grocery	Com - Exterior LED fixture	NEW	97%
2022	C_Grocery	Com - Exterior LED fixture	ROB	97%
2022	C_Grocery	Com - Exterior LED Lamp	NEW	97%
2022	C_Grocery	Com - Exterior LED Lamp	ROB	97%
2022	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	76%
2022	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	76%
2022	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2022	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2022	C_Grocery	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Grocery	Com - Pre-rinse Spray Valves	RET	36%
2022	C_Grocery	Com - Room Air Conditioners	NEW	19%
2022	C_Grocery	Com - Room Air Conditioners	ROB	19%
2022	C_Grocery	Com - Zero-Energy Doors	RET	20%
2022	C_Health	Com - Anti-Sweat Heater Controls	RET	56%
2022	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	61%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	61%
2022	C_Health	Com - Custom cooling	NEW	36%
2022	C_Health	Com - Custom cooling	RET	33%
2022	C_Health	Com - Custom Lighting	NEW	53%
2022	C_Health	Com - Custom motors	NEW	36%
2022	C_Health	Com - Custom motors	RET	33%
2022	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	21%
2022	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2022	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2022	C_Health	Com - Exterior LED fixture	NEW	58%
2022	C_Health	Com - Exterior LED fixture	ROB	58%
2022	C_Health	Com - Exterior LED Lamp	NEW	61%
2022	C_Health	Com - Exterior LED Lamp	ROB	61%
2022	C_Health	Com - Exterior Lighting Controls	RET	35%
2022	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	11%
2022	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	11%
2022	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	61%
2022	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	61%
2022	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	29%
2022	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	66%
2022	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	66%
2022	C_Health	Com - Low-flow Faucet Aerator	NEW	68%
2022	C_Health	Com - Low-flow Faucet Aerator	RET	58%
2022	C_Health	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Health	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Health	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Health	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Health	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Health	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Health	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Health	Com - Pre-rinse Spray Valves	RET	36%
2022	C_Health	Com - Room Air Conditioners	NEW	19%
2022	C_Health	Com - Room Air Conditioners	RET	24%
2022	C_Health	Com - Room Air Conditioners	ROB	19%
2022	C_Health	Com - Water Source Heat Pump	NEW	38%
2022	C_Health	Com - Water Source Heat Pump	ROB	38%
2022	C_Health	Com - Zero-Energy Doors	RET	10%
2022	C_Lodging	Com - Anti-Sweat Heater Controls	RET	66%
2022	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	61%
2022	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	61%
2022	C_Lodging	Com - Custom cooling	NEW	36%
2022	C_Lodging	Com - Custom cooling	RET	33%
2022	C_Lodging	Com - Custom Lighting	NEW	53%
2022	C_Lodging	Com - Custom motors	NEW	36%
2022	C_Lodging	Com - Custom motors	RET	33%
2022	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2022	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2022	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2022	C_Lodging	Com - Exterior LED fixture	NEW	77%
2022	C_Lodging	Com - Exterior LED fixture	ROB	77%
2022	C_Lodging	Com - Exterior LED Lamp	NEW	79%
2022	C_Lodging	Com - Exterior LED Lamp	ROB	79%
2022	C_Lodging	Com - Guest Room Energy Management	RET	31%
2022	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	57%
2022	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	57%
2022	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2022	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2022	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	59%
2022	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	59%
2022	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2.568m
2022	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2.568m
2022	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	977.9u
2022	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	977.9u
2022	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	19%
2022	C_Lodging	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_Lodging	Com - Low-flow Faucet Aerator	NEW	68%
2022	C_Lodging	Com - Low-flow Faucet Aerator	RET	58%
2022	C_Lodging	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Lodging	Com - Pre-rinse Spray Valves	RET	36%
2022	C_Lodging	Com - Room Air Conditioners	NEW	19%
2022	C_Lodging	Com - Room Air Conditioners	RET	29%
2022	C_Lodging	Com - Room Air Conditioners	ROB	19%
2022	C_Lodging	Com - Water Source Heat Pump	NEW	39%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Lodging	Com - Water Source Heat Pump	ROB	39%
2022	C_Lodging	Com - Zero-Energy Doors	RET	35%
2022	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	32%
2022	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	33%
2022	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	43%
2022	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	32%
2022	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	33%
2022	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	60%
2022	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	39%
2022	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	16%
2022	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	63%
2022	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	63%
2022	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	16%
2022	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	16%
2022	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	30%
2022	C_Office	Com - Anti-Sweat Heater Controls	RET	64%
2022	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	29%
2022	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	29%
2022	C_Office	Com - Custom cooling	NEW	36%
2022	C_Office	Com - Custom cooling	RET	33%
2022	C_Office	Com - Custom Lighting	NEW	53%
2022	C_Office	Com - Custom motors	NEW	36%
2022	C_Office	Com - Custom motors	RET	33%
2022	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	26%
2022	C_Office	Com - Exterior LED fixture	NEW	43%
2022	C_Office	Com - Exterior LED fixture	ROB	43%
2022	C_Office	Com - Exterior LED Lamp	NEW	46%
2022	C_Office	Com - Exterior LED Lamp	ROB	46%
2022	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2022	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2022	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2022	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2022	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	63%
2022	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	63%
2022	C_Office	Com - Interior Network Connected LED Lamps	NEW	309.9u
2022	C_Office	Com - Interior Network Connected LED Lamps	ROB	309.9u
2022	C_Office	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_Office	Com - Low-flow Faucet Aerator	RET	82%
2022	C_Office	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Office	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Office	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Office	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Office	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Office	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Office	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Office	Com - Room Air Conditioners	NEW	19%
2022	C_Office	Com - Room Air Conditioners	RET	24%
2022	C_Office	Com - Room Air Conditioners	ROB	19%
2022	C_Office	Com - Water Source Heat Pump	NEW	1%
2022	C_Office	Com - Water Source Heat Pump	ROB	1%
2022	C_Office	Com - Zero-Energy Doors	RET	22%
2022	C_Other	Com - Anti-Sweat Heater Controls	RET	52%
2022	C_Other	Com - Custom cooling	NEW	36%
2022	C_Other	Com - Custom cooling	RET	33%
2022	C_Other	Com - Custom Lighting	NEW	53%
2022	C_Other	Com - Custom motors	NEW	36%
2022	C_Other	Com - Custom motors	RET	33%
2022	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2022	C_Other	Com - Exterior LED fixture	NEW	58%
2022	C_Other	Com - Exterior LED fixture	ROB	58%
2022	C_Other	Com - Exterior LED Lamp	NEW	61%
2022	C_Other	Com - Exterior LED Lamp	ROB	61%
2022	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	23%
2022	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	23%
2022	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2022	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2022	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	64%
2022	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	64%
2022	C_Other	Com - Interior Network Connected LED Lamps	NEW	200.6u
2022	C_Other	Com - Interior Network Connected LED Lamps	ROB	200.6u
2022	C_Other	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_Other	Com - Low-flow Faucet Aerator	NEW	68%
2022	C_Other	Com - Low-flow Faucet Aerator	RET	58%
2022	C_Other	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Other	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Other	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Other	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Other	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Other	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Other	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Other	Com - Pre-rinse Spray Valves	RET	36%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Other	Com - Room Air Conditioners	NEW	19%
2022	C_Other	Com - Room Air Conditioners	ROB	19%
2022	C_Other	Com - Zero-Energy Doors	RET	68%
2022	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	70%
2022	C_Restaurant	Com - Custom cooling	NEW	36%
2022	C_Restaurant	Com - Custom cooling	RET	33%
2022	C_Restaurant	Com - Custom Lighting	NEW	53%
2022	C_Restaurant	Com - Custom motors	NEW	36%
2022	C_Restaurant	Com - Custom motors	RET	33%
2022	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	59%
2022	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2022	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2022	C_Restaurant	Com - Exterior LED fixture	NEW	92%
2022	C_Restaurant	Com - Exterior LED fixture	ROB	92%
2022	C_Restaurant	Com - Exterior LED Lamp	NEW	93%
2022	C_Restaurant	Com - Exterior LED Lamp	ROB	93%
2022	C_Restaurant	Com - Exterior Lighting Controls	RET	52%
2022	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2022	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2022	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2022	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2022	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	55%
2022	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2022	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2022	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	68%
2022	C_Restaurant	Com - Low-flow Faucet Aerator	RET	58%
2022	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Restaurant	Com - Pre-rinse Spray Valves	RET	36%
2022	C_Restaurant	Com - Room Air Conditioners	NEW	1%
2022	C_Restaurant	Com - Room Air Conditioners	RET	16%
2022	C_Restaurant	Com - Room Air Conditioners	ROB	1%
2022	C_Restaurant	Com - Water Source Heat Pump	NEW	48%
2022	C_Restaurant	Com - Water Source Heat Pump	ROB	48%
2022	C_Restaurant	Com - Zero-Energy Doors	RET	50%
2022	C_Retail	Com - Anti-Sweat Heater Controls	RET	80%
2022	C_Retail	Com - Custom cooling	NEW	36%
2022	C_Retail	Com - Custom cooling	RET	33%
2022	C_Retail	Com - Custom Lighting	NEW	53%
2022	C_Retail	Com - Custom motors	NEW	36%
2022	C_Retail	Com - Custom motors	RET	33%
2022	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	7%
2022	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	7%
2022	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	31%
2022	C_Retail	Com - Exterior LED fixture	NEW	87%
2022	C_Retail	Com - Exterior LED fixture	ROB	87%
2022	C_Retail	Com - Exterior LED Lamp	NEW	88%
2022	C_Retail	Com - Exterior LED Lamp	ROB	88%
2022	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2022	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2022	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	60%
2022	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	60%
2022	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	57%
2022	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	57%
2022	C_Retail	Com - Interior Network Connected LED Lamps	NEW	26.98u
2022	C_Retail	Com - Interior Network Connected LED Lamps	ROB	26.98u
2022	C_Retail	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_Retail	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	1%
2022	C_Retail	Com - Packaged Terminal Air Conditioners	RET	16%
2022	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	1%
2022	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_Retail	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_Retail	Com - Room Air Conditioners	NEW	1%
2022	C_Retail	Com - Room Air Conditioners	RET	16%
2022	C_Retail	Com - Room Air Conditioners	ROB	1%
2022	C_Retail	Com - Water Source Heat Pump	NEW	1%
2022	C_Retail	Com - Water Source Heat Pump	ROB	1%
2022	C_Retail	Com - Zero-Energy Doors	RET	33%
2022	C_School	Com - Anti-Sweat Heater Controls	RET	70%
2022	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	34%
2022	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	34%
2022	C_School	Com - Custom cooling	NEW	36%
2022	C_School	Com - Custom cooling	RET	33%
2022	C_School	Com - Custom Lighting	NEW	53%
2022	C_School	Com - Custom motors	NEW	36%
2022	C_School	Com - Custom motors	RET	33%
2022	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2022	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	16%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_School	Com - Exterior LED fixture	NEW	2%
2022	C_School	Com - Exterior LED fixture	ROB	2%
2022	C_School	Com - Exterior LED Lamp	NEW	3%
2022	C_School	Com - Exterior LED Lamp	ROB	3%
2022	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2022	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2022	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2022	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2022	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2022	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2022	C_School	Com - Interior Network Connected LED Lamps	NEW	708u
2022	C_School	Com - Interior Network Connected LED Lamps	ROB	708u
2022	C_School	Com - LED Refrigerated Case Lighting	NEW	19%
2022	C_School	Com - LED Refrigerated Case Lighting	RET	33%
2022	C_School	Com - Low-flow Faucet Aerator	NEW	68%
2022	C_School	Com - Low-flow Faucet Aerator	RET	58%
2022	C_School	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_School	Com - Packaged Terminal Air Conditioners	NEW	1%
2022	C_School	Com - Packaged Terminal Air Conditioners	RET	16%
2022	C_School	Com - Packaged Terminal Air Conditioners	ROB	1%
2022	C_School	Com - Packaged Terminal Heat Pumps	NEW	18%
2022	C_School	Com - Packaged Terminal Heat Pumps	RET	29%
2022	C_School	Com - Packaged Terminal Heat Pumps	ROB	18%
2022	C_School	Com - Pre-rinse Spray Valves	RET	36%
2022	C_School	Com - Room Air Conditioners	NEW	1%
2022	C_School	Com - Room Air Conditioners	ROB	1%
2022	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	64%
2022	C_Warehouse	Com - Custom cooling	NEW	36%
2022	C_Warehouse	Com - Custom cooling	RET	33%
2022	C_Warehouse	Com - Custom Lighting	NEW	53%
2022	C_Warehouse	Com - Custom motors	NEW	36%
2022	C_Warehouse	Com - Custom motors	RET	33%
2022	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	17%
2022	C_Warehouse	Com - Exterior LED fixture	NEW	88%
2022	C_Warehouse	Com - Exterior LED fixture	ROB	88%
2022	C_Warehouse	Com - Exterior LED Lamp	NEW	89%
2022	C_Warehouse	Com - Exterior LED Lamp	ROB	89%
2022	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	58%
2022	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	58%
2022	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2022	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2022	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	62%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	18%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	29%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	18%
2022	C_Warehouse	Com - Room Air Conditioners	NEW	19%
2022	C_Warehouse	Com - Room Air Conditioners	RET	24%
2022	C_Warehouse	Com - Room Air Conditioners	ROB	19%
2022	C_Warehouse	Com - Water Source Heat Pump	NEW	2.608m
2022	C_Warehouse	Com - Water Source Heat Pump	ROB	2.608m
2022	C_Warehouse	Com - Zero-Energy Doors	RET	13%
2022	I_Agriculture	Ind - Air Compressor Optimization	RET	39%
2022	I_Agriculture	Ind - Dew Point Controls	RET	16%
2022	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	58%
2022	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	58%
2022	I_Agriculture	Ind - Mist Eliminators	RET	16%
2022	I_Agriculture	Ind - No Air Loss Drain	RET	16%
2022	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	30%
2022	I_Manufacturing	Ind - Air Compressor Optimization	RET	39%
2022	I_Manufacturing	Ind - Dew Point Controls	RET	16%
2022	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	63%
2022	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	63%
2022	I_Manufacturing	Ind - Mist Eliminators	RET	16%
2022	I_Manufacturing	Ind - No Air Loss Drain	RET	16%
2022	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	30%
2022	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	29%
2022	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	29%
2022	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	66%
2022	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	66%
2022	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	27%
2022	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	27%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	84%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	9%
2022	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2022	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	5.64E-25
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	5.64E-25
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	54%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	62%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	62%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2022	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	97%
2022	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	97%
2022	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	58%
2022	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	85%
2022	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	67%
2022	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	43%
2022	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	43%
2022	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2022	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2022	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	39%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	27%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	27%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	27%
2022	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	66%
2022	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	66%
2022	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	5%
2022	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	5%
2022	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	5%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	84%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	20%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	20%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	20%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	20%
2022	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	1.865m
2022	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	1.865m
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.81E-281
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.81E-281
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	27%
2022	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	27%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	63%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	63%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	94%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	94%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	94%
2022	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	79%
2022	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	87%
2022	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	69%
2022	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	36%
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	42%
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	42%
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	42%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2022	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	32%
2022	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	32%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	27%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	27%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	27%
2022	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	66%
2022	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	66%
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	9%
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	9%
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	9%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	84%
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	5.589m
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	5.589m
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	5.589m
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	5.589m
2022	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2022	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.06E-281
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.06E-281
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	34%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	34%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	62%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	62%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	57%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	57%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	57%
2022	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	61%
2022	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	62%
2022	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	49%
2022	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	36%
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	27%
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	27%
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	27%
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	2.10E-18
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	6.73f
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	3.205u
2022	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	32%
2022	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	32%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	31%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	31%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	31%
2022	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	66%
2022	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	66%
2022	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	32%
2022	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	32%
2022	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	32%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	84%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	31%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	31%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	31%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	31%
2022	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2022	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	61%
2022	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	61%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	66%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	66%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	49%
2022	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	58%
2022	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	58%
2022	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	58%
2022	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	72%
2022	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	74%
2022	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	57%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	42%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	42%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	42%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	26%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	26%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	26%
2022	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	39%
2022	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	39%
2022	R_Single Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	30%
2022	R_Single Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	30%
2022	R_Single Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	30%
2022	R_Single Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	66%
2022	R_Single Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	66%
2022	R_Single Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	34%
2022	R_Single Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	34%
2022	R_Single Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	34%
2022	R_Single Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Single Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	84%
2022	R_Single Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Single Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	14%
2022	R_Single Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	14%
2022	R_Single Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	14%
2022	R_Single Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	14%
2022	R_Single Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	19%
2022	R_Single Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	19%
2022	R_Single Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	4.86E-25
2022	R_Single Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	4.86E-25

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	62%
2022	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	62%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	63%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	63%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	67%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	67%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	67%
2022	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	59%
2022	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	61%
2022	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	48%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	33%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	33%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	33%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2022	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	38%
2022	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	38%
2023	C_College	Com - Anti-Sweat Heater Controls	RET	74%
2023	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	37%
2023	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	37%
2023	C_College	Com - Custom cooling	NEW	40%
2023	C_College	Com - Custom cooling	RET	41%
2023	C_College	Com - Custom Lighting	NEW	60%
2023	C_College	Com - Custom motors	NEW	40%
2023	C_College	Com - Custom motors	RET	41%
2023	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	34%
2023	C_College	Com - Direct Evaporative Pre-Cooling	NEW	7%
2023	C_College	Com - Direct Evaporative Pre-Cooling	ROB	7%
2023	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	27%
2023	C_College	Com - Exterior LED fixture	NEW	63%
2023	C_College	Com - Exterior LED fixture	ROB	63%
2023	C_College	Com - Exterior LED Lamp	NEW	67%
2023	C_College	Com - Exterior LED Lamp	ROB	67%
2023	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2023	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2023	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2023	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2023	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2023	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2023	C_College	Com - Interior Network Connected LED Lamps	NEW	810.5u
2023	C_College	Com - Interior Network Connected LED Lamps	ROB	810.5u
2023	C_College	Com - LED Refrigerated Case Lighting	NEW	18%
2023	C_College	Com - LED Refrigerated Case Lighting	RET	52%
2023	C_College	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_College	Com - Packaged Terminal Air Conditioners	NEW	3%
2023	C_College	Com - Packaged Terminal Air Conditioners	RET	27%
2023	C_College	Com - Packaged Terminal Air Conditioners	ROB	3%
2023	C_College	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_College	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_College	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_College	Com - Room Air Conditioners	NEW	4%
2023	C_College	Com - Room Air Conditioners	RET	21%
2023	C_College	Com - Room Air Conditioners	ROB	4%
2023	C_College	Com - Water Source Heat Pump	NEW	7%
2023	C_College	Com - Water Source Heat Pump	ROB	7%
2023	C_Grocery	Com - Anti-Sweat Heater Controls	RET	74%
2023	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	39%
2023	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	39%
2023	C_Grocery	Com - Custom cooling	NEW	40%
2023	C_Grocery	Com - Custom cooling	RET	41%
2023	C_Grocery	Com - Custom Lighting	NEW	60%
2023	C_Grocery	Com - Custom motors	NEW	40%
2023	C_Grocery	Com - Custom motors	RET	41%
2023	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	34%
2023	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	9%
2023	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	9%
2023	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	50%
2023	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2023	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2023	C_Grocery	Com - Exterior LED fixture	NEW	98%
2023	C_Grocery	Com - Exterior LED fixture	ROB	98%
2023	C_Grocery	Com - Exterior LED Lamp	NEW	98%
2023	C_Grocery	Com - Exterior LED Lamp	ROB	98%
2023	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2023	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2023	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2023	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Grocery	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	21%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	38%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	21%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_Grocery	Com - Pre-rinse Spray Valves	RET	44%
2023	C_Grocery	Com - Room Air Conditioners	NEW	23%
2023	C_Grocery	Com - Room Air Conditioners	RET	17%
2023	C_Grocery	Com - Room Air Conditioners	ROB	23%
2023	C_Grocery	Com - Zero-Energy Doors	RET	29%
2023	C_Health	Com - Anti-Sweat Heater Controls	RET	61%
2023	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	63%
2023	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	63%
2023	C_Health	Com - Custom cooling	NEW	40%
2023	C_Health	Com - Custom cooling	RET	41%
2023	C_Health	Com - Custom Lighting	NEW	60%
2023	C_Health	Com - Custom motors	NEW	40%
2023	C_Health	Com - Custom motors	RET	41%
2023	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	34%
2023	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	9%
2023	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	9%
2023	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	31%
2023	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2023	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2023	C_Health	Com - Exterior LED fixture	NEW	63%
2023	C_Health	Com - Exterior LED fixture	ROB	63%
2023	C_Health	Com - Exterior LED Lamp	NEW	67%
2023	C_Health	Com - Exterior LED Lamp	ROB	67%
2023	C_Health	Com - Exterior Lighting Controls	RET	52%
2023	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	14%
2023	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	14%
2023	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	64%
2023	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	64%
2023	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2023	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2023	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2023	C_Health	Com - Low-flow Faucet Aerator	NEW	70%
2023	C_Health	Com - Low-flow Faucet Aerator	RET	63%
2023	C_Health	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_Health	Com - Packaged Terminal Air Conditioners	NEW	21%
2023	C_Health	Com - Packaged Terminal Air Conditioners	RET	38%
2023	C_Health	Com - Packaged Terminal Air Conditioners	ROB	21%
2023	C_Health	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_Health	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_Health	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_Health	Com - Pre-rinse Spray Valves	RET	44%
2023	C_Health	Com - Room Air Conditioners	NEW	23%
2023	C_Health	Com - Room Air Conditioners	RET	33%
2023	C_Health	Com - Room Air Conditioners	ROB	23%
2023	C_Health	Com - Water Source Heat Pump	NEW	41%
2023	C_Health	Com - Water Source Heat Pump	ROB	41%
2023	C_Health	Com - Zero-Energy Doors	RET	21%
2023	C_Lodging	Com - Anti-Sweat Heater Controls	RET	70%
2023	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	63%
2023	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	63%
2023	C_Lodging	Com - Custom cooling	NEW	40%
2023	C_Lodging	Com - Custom cooling	RET	41%
2023	C_Lodging	Com - Custom Lighting	NEW	60%
2023	C_Lodging	Com - Custom motors	NEW	40%
2023	C_Lodging	Com - Custom motors	RET	41%
2023	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	34%
2023	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	9%
2023	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	9%
2023	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	43%
2023	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2023	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2023	C_Lodging	Com - Exterior LED fixture	NEW	80%
2023	C_Lodging	Com - Exterior LED fixture	ROB	80%
2023	C_Lodging	Com - Exterior LED Lamp	NEW	82%
2023	C_Lodging	Com - Exterior LED Lamp	ROB	82%
2023	C_Lodging	Com - Guest Room Energy Management	RET	39%
2023	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	59%
2023	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	59%
2023	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2023	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2023	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	64%
2023	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	64%
2023	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	6.282m
2023	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	6.282m
2023	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	2.408m
2023	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	2.408m
2023	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	27%
2023	C_Lodging	Com - LED Refrigerated Case Lighting	RET	52%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Lodging	Com - Low-flow Faucet Aerator	NEW	70%
2023	C_Lodging	Com - Low-flow Faucet Aerator	RET	63%
2023	C_Lodging	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	21%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	38%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	21%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_Lodging	Com - Pre-rinse Spray Valves	RET	44%
2023	C_Lodging	Com - Room Air Conditioners	NEW	23%
2023	C_Lodging	Com - Room Air Conditioners	RET	38%
2023	C_Lodging	Com - Room Air Conditioners	ROB	23%
2023	C_Lodging	Com - Water Source Heat Pump	NEW	42%
2023	C_Lodging	Com - Water Source Heat Pump	ROB	42%
2023	C_Lodging	Com - Zero-Energy Doors	RET	42%
2023	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	34%
2023	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	41%
2023	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	48%
2023	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	34%
2023	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	41%
2023	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	66%
2023	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	45%
2023	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	27%
2023	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	66%
2023	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	66%
2023	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	27%
2023	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	27%
2023	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	50%
2023	C_Office	Com - Anti-Sweat Heater Controls	RET	69%
2023	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2023	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2023	C_Office	Com - Custom cooling	NEW	40%
2023	C_Office	Com - Custom cooling	RET	41%
2023	C_Office	Com - Custom Lighting	NEW	60%
2023	C_Office	Com - Custom motors	NEW	40%
2023	C_Office	Com - Custom motors	RET	41%
2023	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	9%
2023	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	9%
2023	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2023	C_Office	Com - Exterior LED fixture	NEW	49%
2023	C_Office	Com - Exterior LED fixture	ROB	49%
2023	C_Office	Com - Exterior LED Lamp	NEW	53%
2023	C_Office	Com - Exterior LED Lamp	ROB	53%
2023	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	45%
2023	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	45%
2023	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2023	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2023	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2023	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2023	C_Office	Com - Interior Network Connected LED Lamps	NEW	763.9u
2023	C_Office	Com - Interior Network Connected LED Lamps	ROB	763.9u
2023	C_Office	Com - LED Refrigerated Case Lighting	RET	52%
2023	C_Office	Com - Low-flow Faucet Aerator	RET	84%
2023	C_Office	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_Office	Com - Packaged Terminal Air Conditioners	NEW	21%
2023	C_Office	Com - Packaged Terminal Air Conditioners	RET	38%
2023	C_Office	Com - Packaged Terminal Air Conditioners	ROB	21%
2023	C_Office	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_Office	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_Office	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_Office	Com - Room Air Conditioners	NEW	23%
2023	C_Office	Com - Room Air Conditioners	RET	33%
2023	C_Office	Com - Room Air Conditioners	ROB	23%
2023	C_Office	Com - Water Source Heat Pump	NEW	3%
2023	C_Office	Com - Water Source Heat Pump	ROB	3%
2023	C_Office	Com - Zero-Energy Doors	RET	31%
2023	C_Other	Com - Anti-Sweat Heater Controls	RET	58%
2023	C_Other	Com - Custom cooling	NEW	40%
2023	C_Other	Com - Custom cooling	RET	41%
2023	C_Other	Com - Custom Lighting	NEW	60%
2023	C_Other	Com - Custom motors	NEW	40%
2023	C_Other	Com - Custom motors	RET	41%
2023	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	9%
2023	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	9%
2023	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	66%
2023	C_Other	Com - Exterior LED fixture	NEW	63%
2023	C_Other	Com - Exterior LED fixture	ROB	63%
2023	C_Other	Com - Exterior LED Lamp	NEW	67%
2023	C_Other	Com - Exterior LED Lamp	ROB	67%
2023	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	27%
2023	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	27%
2023	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2023	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2023	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	68%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2023	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		68%
2023	C_Other	Com - Interior Network Connected LED Fixtures	NEW	3.321m	
2023	C_Other	Com - Interior Network Connected LED Fixtures	ROB	3.321m	
2023	C_Other	Com - Interior Network Connected LED Lamps	NEW	493.7u	
2023	C_Other	Com - Interior Network Connected LED Lamps	ROB	493.7u	
2023	C_Other	Com - LED Refrigerated Case Lighting	RET		52%
2023	C_Other	Com - Low-flow Faucet Aerator	NEW		70%
2023	C_Other	Com - Low-flow Faucet Aerator	RET		63%
2023	C_Other	Com - New Construction - Lighting Power Density	NEW		73%
2023	C_Other	Com - Packaged Terminal Air Conditioners	NEW		21%
2023	C_Other	Com - Packaged Terminal Air Conditioners	RET		38%
2023	C_Other	Com - Packaged Terminal Air Conditioners	ROB		21%
2023	C_Other	Com - Packaged Terminal Heat Pumps	NEW		21%
2023	C_Other	Com - Packaged Terminal Heat Pumps	RET		38%
2023	C_Other	Com - Packaged Terminal Heat Pumps	ROB		21%
2023	C_Other	Com - Pre-rinse Spray Valves	RET		44%
2023	C_Other	Com - Room Air Conditioners	NEW		23%
2023	C_Other	Com - Room Air Conditioners	ROB		23%
2023	C_Other	Com - Zero-Energy Doors	RET		72%
2023	C_Restaurant	Com - Anti-Sweat Heater Controls	RET		74%
2023	C_Restaurant	Com - Custom cooling	NEW		40%
2023	C_Restaurant	Com - Custom cooling	RET		41%
2023	C_Restaurant	Com - Custom Lighting	NEW		60%
2023	C_Restaurant	Com - Custom motors	NEW		40%
2023	C_Restaurant	Com - Custom motors	RET		41%
2023	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		34%
2023	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW		9%
2023	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB		9%
2023	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		64%
2023	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW		71%
2023	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB		71%
2023	C_Restaurant	Com - Exterior LED fixture	NEW		93%
2023	C_Restaurant	Com - Exterior LED fixture	ROB		93%
2023	C_Restaurant	Com - Exterior LED Lamp	NEW		94%
2023	C_Restaurant	Com - Exterior LED Lamp	ROB		94%
2023	C_Restaurant	Com - Exterior Lighting Controls	RET		64%
2023	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		38%
2023	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		38%
2023	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		74%
2023	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		74%
2023	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		66%
2023	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		79%
2023	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		79%
2023	C_Restaurant	Com - Low-flow Faucet Aerator	NEW		70%
2023	C_Restaurant	Com - Low-flow Faucet Aerator	RET		63%
2023	C_Restaurant	Com - New Construction - Lighting Power Density	NEW		73%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW		21%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET		38%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB		21%
2023	C_Restaurant	Com - Pre-rinse Spray Valves	RET		44%
2023	C_Restaurant	Com - Room Air Conditioners	NEW		4%
2023	C_Restaurant	Com - Room Air Conditioners	RET		27%
2023	C_Restaurant	Com - Room Air Conditioners	ROB		4%
2023	C_Restaurant	Com - Water Source Heat Pump	NEW		50%
2023	C_Restaurant	Com - Water Source Heat Pump	ROB		50%
2023	C_Restaurant	Com - Zero-Energy Doors	RET		56%
2023	C_Retail	Com - Anti-Sweat Heater Controls	RET		83%
2023	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	1.081m	
2023	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	1.081m	
2023	C_Retail	Com - Custom cooling	NEW		40%
2023	C_Retail	Com - Custom cooling	RET		41%
2023	C_Retail	Com - Custom Lighting	NEW		60%
2023	C_Retail	Com - Custom motors	NEW		40%
2023	C_Retail	Com - Custom motors	RET		41%
2023	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW		9%
2023	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB		9%
2023	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		40%
2023	C_Retail	Com - Exterior LED fixture	NEW		89%
2023	C_Retail	Com - Exterior LED fixture	ROB		89%
2023	C_Retail	Com - Exterior LED Lamp	NEW		90%
2023	C_Retail	Com - Exterior LED Lamp	ROB		90%
2023	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		38%
2023	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		38%
2023	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		63%
2023	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		63%
2023	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		62%
2023	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		62%
2023	C_Retail	Com - Interior Network Connected LED Lamps	NEW	134.8u	
2023	C_Retail	Com - Interior Network Connected LED Lamps	ROB	134.8u	
2023	C_Retail	Com - LED Refrigerated Case Lighting	RET		52%
2023	C_Retail	Com - New Construction - Lighting Power Density	NEW		73%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	NEW		3%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	RET		27%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	ROB		3%
2023	C_Retail	Com - Packaged Terminal Heat Pumps	NEW		21%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Retail	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_Retail	Com - Room Air Conditioners	NEW	4%
2023	C_Retail	Com - Room Air Conditioners	RET	27%
2023	C_Retail	Com - Room Air Conditioners	ROB	4%
2023	C_Retail	Com - Water Source Heat Pump	NEW	3%
2023	C_Retail	Com - Water Source Heat Pump	ROB	3%
2023	C_Retail	Com - Zero-Energy Doors	RET	41%
2023	C_School	Com - Anti-Sweat Heater Controls	RET	74%
2023	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	37%
2023	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	37%
2023	C_School	Com - Custom cooling	NEW	40%
2023	C_School	Com - Custom cooling	RET	41%
2023	C_School	Com - Custom Lighting	NEW	60%
2023	C_School	Com - Custom motors	NEW	40%
2023	C_School	Com - Custom motors	RET	41%
2023	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	34%
2023	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	27%
2023	C_School	Com - Exterior LED fixture	NEW	6%
2023	C_School	Com - Exterior LED fixture	ROB	6%
2023	C_School	Com - Exterior LED Lamp	NEW	8%
2023	C_School	Com - Exterior LED Lamp	ROB	8%
2023	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2023	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2023	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2023	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2023	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2023	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2023	C_School	Com - Interior Network Connected LED Lamps	NEW	1.746m
2023	C_School	Com - Interior Network Connected LED Lamps	ROB	1.746m
2023	C_School	Com - LED Refrigerated Case Lighting	NEW	27%
2023	C_School	Com - LED Refrigerated Case Lighting	RET	52%
2023	C_School	Com - Low-flow Faucet Aerator	NEW	70%
2023	C_School	Com - Low-flow Faucet Aerator	RET	63%
2023	C_School	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_School	Com - Packaged Terminal Air Conditioners	NEW	3%
2023	C_School	Com - Packaged Terminal Air Conditioners	RET	27%
2023	C_School	Com - Packaged Terminal Air Conditioners	ROB	3%
2023	C_School	Com - Packaged Terminal Heat Pumps	NEW	21%
2023	C_School	Com - Packaged Terminal Heat Pumps	RET	38%
2023	C_School	Com - Packaged Terminal Heat Pumps	ROB	21%
2023	C_School	Com - Pre-rinse Spray Valves	RET	44%
2023	C_School	Com - Room Air Conditioners	NEW	4%
2023	C_School	Com - Room Air Conditioners	ROB	4%
2023	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	68%
2023	C_Warehouse	Com - Custom cooling	NEW	40%
2023	C_Warehouse	Com - Custom cooling	RET	41%
2023	C_Warehouse	Com - Custom Lighting	NEW	60%
2023	C_Warehouse	Com - Custom motors	NEW	40%
2023	C_Warehouse	Com - Custom motors	RET	41%
2023	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	28%
2023	C_Warehouse	Com - Exterior LED fixture	NEW	90%
2023	C_Warehouse	Com - Exterior LED fixture	ROB	90%
2023	C_Warehouse	Com - Exterior LED Lamp	NEW	91%
2023	C_Warehouse	Com - Exterior LED Lamp	ROB	91%
2023	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	61%
2023	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	61%
2023	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2023	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2023	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	73%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	21%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	38%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	21%
2023	C_Warehouse	Com - Room Air Conditioners	NEW	23%
2023	C_Warehouse	Com - Room Air Conditioners	RET	33%
2023	C_Warehouse	Com - Room Air Conditioners	ROB	23%
2023	C_Warehouse	Com - Water Source Heat Pump	NEW	2%
2023	C_Warehouse	Com - Water Source Heat Pump	ROB	2%
2023	C_Warehouse	Com - Zero-Energy Doors	RET	23%
2023	I_Agriculture	Ind - Air Compressor Optimization	RET	45%
2023	I_Agriculture	Ind - Dew Point Controls	RET	27%
2023	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	62%
2023	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	62%
2023	I_Agriculture	Ind - Mist Eliminators	RET	27%
2023	I_Agriculture	Ind - No Air Loss Drain	RET	27%
2023	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	50%
2023	I_Manufacturing	Ind - Air Compressor Optimization	RET	45%
2023	I_Manufacturing	Ind - Dew Point Controls	RET	27%
2023	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	66%
2023	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	66%
2023	I_Manufacturing	Ind - Mist Eliminators	RET	27%
2023	I_Manufacturing	Ind - No Air Loss Drain	RET	27%
2023	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	50%
2023	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	44%
2023	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	44%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	76%
2023	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	76%
2023	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	41%
2023	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	41%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	11%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	11%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	11%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	11%
2023	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	12%
2023	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	12%
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.94E-24
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.94E-24
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	64%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	74%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	74%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2023	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	98%
2023	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	98%
2023	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	68%
2023	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	88%
2023	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	75%
2023	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	51%
2023	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	51%
2023	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2023	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2023	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	56%
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	43%
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	43%
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	43%
2023	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	76%
2023	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	76%
2023	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	8%
2023	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	8%
2023	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	8%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	22%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	22%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	22%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	22%
2023	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	6.422m
2023	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	6.422m
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.71E-281
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.71E-281
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	30%
2023	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	30%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	74%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	74%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	96%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	96%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	96%
2023	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	84%
2023	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	89%
2023	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	76%
2023	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	56%
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	51%
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	51%
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	51%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2023	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	52%
2023	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	52%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	43%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	43%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	43%
2023	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	76%
2023	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	76%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	11%
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	11%
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	11%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	89%
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	2%
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	2%
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	2%
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	2%
2023	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	15%
2023	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	15%
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	5.97E-281
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	5.97E-281
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	36%
2023	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	36%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	74%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	74%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	71%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	71%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	71%
2023	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	69%
2023	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2023	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2023	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	56%
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	36%
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	36%
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	36%
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4.14E-18
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	12.92f
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	5.739u
2023	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	52%
2023	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	52%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	46%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	46%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	46%
2023	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	76%
2023	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	76%
2023	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	44%
2023	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	44%
2023	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	44%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	33%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	33%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	33%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	33%
2023	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	5%
2023	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	5%
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	69%
2023	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	69%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	77%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	77%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2023	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	71%
2023	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	71%
2023	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	71%
2023	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	79%
2023	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	79%
2023	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	68%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	48%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	48%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	48%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2023	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	56%
2023	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	56%
2023	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + EC	RET	45%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	45%
2023	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	45%
2023	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	76%
2023	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	76%
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	46%
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	46%
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	46%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	16%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	16%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	16%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	16%
2023	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	19%
2023	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	19%
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.67E-24
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.67E-24
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	70%
2023	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	70%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	46%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	74%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	46%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	46%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	74%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	46%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	77%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	77%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	77%
2023	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	67%
2023	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	66%
2023	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	42%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	42%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	42%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2023	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	56%
2023	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	56%
2024	C_College	Com - Anti-Sweat Heater Controls	RET	78%
2024	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	40%
2024	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	40%
2024	C_College	Com - Custom cooling	NEW	44%
2024	C_College	Com - Custom cooling	RET	50%
2024	C_College	Com - Custom Lighting	NEW	67%
2024	C_College	Com - Custom motors	NEW	44%
2024	C_College	Com - Custom motors	RET	50%
2024	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%
2024	C_College	Com - Direct Evaporative Pre-Cooling	NEW	11%
2024	C_College	Com - Direct Evaporative Pre-Cooling	ROB	11%
2024	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	37%
2024	C_College	Com - Exterior LED fixture	NEW	68%
2024	C_College	Com - Exterior LED fixture	ROB	68%
2024	C_College	Com - Exterior LED Lamp	NEW	72%
2024	C_College	Com - Exterior LED Lamp	ROB	72%
2024	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	46%
2024	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	46%
2024	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2024	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2024	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2024	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2024	C_College	Com - Interior Network Connected LED Lamps	NEW	2.022m
2024	C_College	Com - Interior Network Connected LED Lamps	ROB	2.022m
2024	C_College	Com - LED Refrigerated Case Lighting	NEW	30%
2024	C_College	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_College	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_College	Com - Packaged Terminal Air Conditioners	NEW	7%
2024	C_College	Com - Packaged Terminal Air Conditioners	RET	37%
2024	C_College	Com - Packaged Terminal Air Conditioners	ROB	7%
2024	C_College	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_College	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_College	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_College	Com - Room Air Conditioners	NEW	8%
2024	C_College	Com - Room Air Conditioners	RET	31%
2024	C_College	Com - Room Air Conditioners	ROB	8%
2024	C_College	Com - Water Source Heat Pump	NEW	11%
2024	C_College	Com - Water Source Heat Pump	ROB	11%
2024	C_Grocery	Com - Anti-Sweat Heater Controls	RET	78%
2024	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	42%
2024	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	42%
2024	C_Grocery	Com - Custom cooling	NEW	44%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Grocery	Com - Custom cooling	RET	50%
2024	C_Grocery	Com - Custom Lighting	NEW	67%
2024	C_Grocery	Com - Custom motors	NEW	44%
2024	C_Grocery	Com - Custom motors	RET	50%
2024	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%
2024	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	57%
2024	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2024	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2024	C_Grocery	Com - Exterior LED fixture	NEW	98%
2024	C_Grocery	Com - Exterior LED fixture	ROB	98%
2024	C_Grocery	Com - Exterior LED Lamp	NEW	98%
2024	C_Grocery	Com - Exterior LED Lamp	ROB	98%
2024	C_Grocery	Com - Exterior Lighting Controls	RET	43%
2024	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2024	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2024	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	43%
2024	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2024	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2024	C_Grocery	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	25%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Grocery	Com - Pre-rinse Spray Valves	RET	52%
2024	C_Grocery	Com - Room Air Conditioners	NEW	28%
2024	C_Grocery	Com - Room Air Conditioners	RET	26%
2024	C_Grocery	Com - Room Air Conditioners	ROB	28%
2024	C_Grocery	Com - Water Source Heat Pump	NEW	5.742m
2024	C_Grocery	Com - Water Source Heat Pump	ROB	5.742m
2024	C_Grocery	Com - Zero-Energy Doors	RET	39%
2024	C_Health	Com - Anti-Sweat Heater Controls	RET	67%
2024	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	65%
2024	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	65%
2024	C_Health	Com - Custom cooling	NEW	44%
2024	C_Health	Com - Custom cooling	RET	50%
2024	C_Health	Com - Custom Lighting	NEW	67%
2024	C_Health	Com - Custom motors	NEW	44%
2024	C_Health	Com - Custom motors	RET	50%
2024	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%
2024	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	41%
2024	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2024	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2024	C_Health	Com - Exterior LED fixture	NEW	68%
2024	C_Health	Com - Exterior LED fixture	ROB	68%
2024	C_Health	Com - Exterior LED Lamp	NEW	72%
2024	C_Health	Com - Exterior LED Lamp	ROB	72%
2024	C_Health	Com - Exterior Lighting Controls	RET	68%
2024	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	18%
2024	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	18%
2024	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2024	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2024	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	65%
2024	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2024	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2024	C_Health	Com - Low-flow Faucet Aerator	NEW	72%
2024	C_Health	Com - Low-flow Faucet Aerator	RET	68%
2024	C_Health	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Health	Com - Packaged Terminal Air Conditioners	NEW	25%
2024	C_Health	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Health	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Health	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Health	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Health	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Health	Com - Pre-rinse Spray Valves	RET	52%
2024	C_Health	Com - Room Air Conditioners	NEW	28%
2024	C_Health	Com - Room Air Conditioners	RET	41%
2024	C_Health	Com - Room Air Conditioners	ROB	28%
2024	C_Health	Com - Water Source Heat Pump	NEW	45%
2024	C_Health	Com - Water Source Heat Pump	ROB	45%
2024	C_Health	Com - Zero-Energy Doors	RET	31%
2024	C_Lodging	Com - Anti-Sweat Heater Controls	RET	75%
2024	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	65%
2024	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	65%
2024	C_Lodging	Com - Custom cooling	NEW	44%
2024	C_Lodging	Com - Custom cooling	RET	50%
2024	C_Lodging	Com - Custom Lighting	NEW	67%
2024	C_Lodging	Com - Custom motors	NEW	44%
2024	C_Lodging	Com - Custom motors	RET	50%
2024	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	51%
2024	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2024	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2024	C_Lodging	Com - Exterior LED fixture	NEW	83%
2024	C_Lodging	Com - Exterior LED fixture	ROB	83%
2024	C_Lodging	Com - Exterior LED Lamp	NEW	85%
2024	C_Lodging	Com - Exterior LED Lamp	ROB	85%
2024	C_Lodging	Com - Guest Room Energy Management	RET	48%
2024	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	62%
2024	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	62%
2024	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2024	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2024	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	69%
2024	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	69%
2024	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	1%
2024	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	1%
2024	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	4.941m
2024	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	4.941m
2024	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	37%
2024	C_Lodging	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_Lodging	Com - Low-flow Faucet Aerator	NEW	72%
2024	C_Lodging	Com - Low-flow Faucet Aerator	RET	68%
2024	C_Lodging	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	25%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Lodging	Com - Pre-rinse Spray Valves	RET	52%
2024	C_Lodging	Com - Room Air Conditioners	NEW	28%
2024	C_Lodging	Com - Room Air Conditioners	RET	46%
2024	C_Lodging	Com - Room Air Conditioners	ROB	28%
2024	C_Lodging	Com - Water Source Heat Pump	NEW	46%
2024	C_Lodging	Com - Water Source Heat Pump	ROB	46%
2024	C_Lodging	Com - Zero-Energy Doors	RET	50%
2024	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	38%
2024	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	50%
2024	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	55%
2024	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	38%
2024	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	50%
2024	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	71%
2024	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	51%
2024	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	37%
2024	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	70%
2024	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	70%
2024	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	37%
2024	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	37%
2024	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	70%
2024	C_Office	Com - Anti-Sweat Heater Controls	RET	73%
2024	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	35%
2024	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	35%
2024	C_Office	Com - Custom cooling	NEW	44%
2024	C_Office	Com - Custom cooling	RET	50%
2024	C_Office	Com - Custom Lighting	NEW	67%
2024	C_Office	Com - Custom motors	NEW	44%
2024	C_Office	Com - Custom motors	RET	50%
2024	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	45%
2024	C_Office	Com - Exterior LED fixture	NEW	55%
2024	C_Office	Com - Exterior LED fixture	ROB	55%
2024	C_Office	Com - Exterior LED Lamp	NEW	60%
2024	C_Office	Com - Exterior LED Lamp	ROB	60%
2024	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	50%
2024	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	50%
2024	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2024	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2024	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2024	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2024	C_Office	Com - Interior Network Connected LED Lamps	NEW	1.567m
2024	C_Office	Com - Interior Network Connected LED Lamps	ROB	1.567m
2024	C_Office	Com - LED Refrigerated Case Lighting	NEW	12%
2024	C_Office	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_Office	Com - Low-flow Faucet Aerator	RET	87%
2024	C_Office	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Office	Com - Packaged Terminal Air Conditioners	NEW	25%
2024	C_Office	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Office	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Office	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Office	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Office	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Office	Com - Room Air Conditioners	NEW	28%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Office	Com - Room Air Conditioners	RET	41%
2024	C_Office	Com - Room Air Conditioners	ROB	28%
2024	C_Office	Com - Water Source Heat Pump	NEW	7%
2024	C_Office	Com - Water Source Heat Pump	ROB	7%
2024	C_Office	Com - Zero-Energy Doors	RET	40%
2024	C_Other	Com - Anti-Sweat Heater Controls	RET	64%
2024	C_Other	Com - Custom cooling	NEW	44%
2024	C_Other	Com - Custom cooling	RET	50%
2024	C_Other	Com - Custom Lighting	NEW	67%
2024	C_Other	Com - Custom motors	NEW	44%
2024	C_Other	Com - Custom motors	RET	50%
2024	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	71%
2024	C_Other	Com - Exterior LED fixture	NEW	68%
2024	C_Other	Com - Exterior LED fixture	ROB	68%
2024	C_Other	Com - Exterior LED Lamp	NEW	72%
2024	C_Other	Com - Exterior LED Lamp	ROB	72%
2024	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	31%
2024	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	31%
2024	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2024	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2024	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2024	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2024	C_Other	Com - Interior Network Connected LED Fixtures	NEW	1%
2024	C_Other	Com - Interior Network Connected LED Fixtures	ROB	1%
2024	C_Other	Com - Interior Network Connected LED Lamps	NEW	1.012m
2024	C_Other	Com - Interior Network Connected LED Lamps	ROB	1.012m
2024	C_Other	Com - LED Refrigerated Case Lighting	NEW	12%
2024	C_Other	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_Other	Com - Low-flow Faucet Aerator	NEW	72%
2024	C_Other	Com - Low-flow Faucet Aerator	RET	68%
2024	C_Other	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Other	Com - Packaged Terminal Air Conditioners	NEW	25%
2024	C_Other	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Other	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Other	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Other	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Other	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Other	Com - Pre-rinse Spray Valves	RET	52%
2024	C_Other	Com - Room Air Conditioners	NEW	28%
2024	C_Other	Com - Room Air Conditioners	ROB	28%
2024	C_Other	Com - Zero-Energy Doors	RET	76%
2024	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	78%
2024	C_Restaurant	Com - Custom cooling	NEW	44%
2024	C_Restaurant	Com - Custom cooling	RET	50%
2024	C_Restaurant	Com - Custom Lighting	NEW	67%
2024	C_Restaurant	Com - Custom motors	NEW	44%
2024	C_Restaurant	Com - Custom motors	RET	50%
2024	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%
2024	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	69%
2024	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2024	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2024	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2024	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2024	C_Restaurant	Com - Exterior LED Lamp	NEW	95%
2024	C_Restaurant	Com - Exterior LED Lamp	ROB	95%
2024	C_Restaurant	Com - Exterior Lighting Controls	RET	76%
2024	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2024	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2024	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2024	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2024	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	78%
2024	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2024	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2024	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	72%
2024	C_Restaurant	Com - Low-flow Faucet Aerator	RET	68%
2024	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Restaurant	Com - Pre-rinse Spray Valves	RET	52%
2024	C_Restaurant	Com - Room Air Conditioners	NEW	8%
2024	C_Restaurant	Com - Room Air Conditioners	RET	37%
2024	C_Restaurant	Com - Room Air Conditioners	ROB	8%
2024	C_Restaurant	Com - Water Source Heat Pump	NEW	53%
2024	C_Restaurant	Com - Water Source Heat Pump	ROB	53%
2024	C_Restaurant	Com - Zero-Energy Doors	RET	62%
2024	C_Retail	Com - Anti-Sweat Heater Controls	RET	85%
2024	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3%
2024	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3%
2024	C_Retail	Com - Custom cooling	NEW	44%
2024	C_Retail	Com - Custom cooling	RET	50%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Retail	Com - Custom Lighting	NEW	67%
2024	C_Retail	Com - Custom motors	NEW	44%
2024	C_Retail	Com - Custom motors	RET	50%
2024	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	12%
2024	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	12%
2024	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	48%
2024	C_Retail	Com - Exterior LED fixture	NEW	90%
2024	C_Retail	Com - Exterior LED fixture	ROB	90%
2024	C_Retail	Com - Exterior LED Lamp	NEW	92%
2024	C_Retail	Com - Exterior LED Lamp	ROB	92%
2024	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2024	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2024	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	67%
2024	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	67%
2024	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2024	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2024	C_Retail	Com - Interior Network Connected LED Lamps	NEW	322.5u
2024	C_Retail	Com - Interior Network Connected LED Lamps	ROB	322.5u
2024	C_Retail	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_Retail	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	7%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	RET	37%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	7%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_Retail	Com - Room Air Conditioners	NEW	8%
2024	C_Retail	Com - Room Air Conditioners	RET	37%
2024	C_Retail	Com - Room Air Conditioners	ROB	8%
2024	C_Retail	Com - Water Source Heat Pump	NEW	7%
2024	C_Retail	Com - Water Source Heat Pump	ROB	7%
2024	C_Retail	Com - Zero-Energy Doors	RET	49%
2024	C_School	Com - Anti-Sweat Heater Controls	RET	78%
2024	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	40%
2024	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	40%
2024	C_School	Com - Custom cooling	NEW	44%
2024	C_School	Com - Custom cooling	RET	50%
2024	C_School	Com - Custom Lighting	NEW	67%
2024	C_School	Com - Custom motors	NEW	44%
2024	C_School	Com - Custom motors	RET	50%
2024	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	43%
2024	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	37%
2024	C_School	Com - Exterior LED fixture	NEW	12%
2024	C_School	Com - Exterior LED fixture	ROB	12%
2024	C_School	Com - Exterior LED Lamp	NEW	16%
2024	C_School	Com - Exterior LED Lamp	ROB	16%
2024	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	47%
2024	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	47%
2024	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	75%
2024	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	75%
2024	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2024	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2024	C_School	Com - Interior Network Connected LED Lamps	NEW	3.585m
2024	C_School	Com - Interior Network Connected LED Lamps	ROB	3.585m
2024	C_School	Com - LED Refrigerated Case Lighting	NEW	37%
2024	C_School	Com - LED Refrigerated Case Lighting	RET	71%
2024	C_School	Com - Low-flow Faucet Aerator	NEW	72%
2024	C_School	Com - Low-flow Faucet Aerator	RET	68%
2024	C_School	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_School	Com - Packaged Terminal Air Conditioners	NEW	7%
2024	C_School	Com - Packaged Terminal Air Conditioners	RET	37%
2024	C_School	Com - Packaged Terminal Air Conditioners	ROB	7%
2024	C_School	Com - Packaged Terminal Heat Pumps	NEW	25%
2024	C_School	Com - Packaged Terminal Heat Pumps	RET	46%
2024	C_School	Com - Packaged Terminal Heat Pumps	ROB	25%
2024	C_School	Com - Pre-rinse Spray Valves	RET	52%
2024	C_School	Com - Room Air Conditioners	NEW	8%
2024	C_School	Com - Room Air Conditioners	ROB	8%
2024	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	73%
2024	C_Warehouse	Com - Custom cooling	NEW	44%
2024	C_Warehouse	Com - Custom cooling	RET	50%
2024	C_Warehouse	Com - Custom Lighting	NEW	67%
2024	C_Warehouse	Com - Custom motors	NEW	44%
2024	C_Warehouse	Com - Custom motors	RET	50%
2024	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	38%
2024	C_Warehouse	Com - Exterior LED fixture	NEW	91%
2024	C_Warehouse	Com - Exterior LED fixture	ROB	91%
2024	C_Warehouse	Com - Exterior LED Lamp	NEW	93%
2024	C_Warehouse	Com - Exterior LED Lamp	ROB	93%
2024	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	65%
2024	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	65%
2024	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2024	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2024	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	80%
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	25%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	46%
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	25%
2024	C_Warehouse	Com - Room Air Conditioners	NEW	28%
2024	C_Warehouse	Com - Room Air Conditioners	RET	42%
2024	C_Warehouse	Com - Room Air Conditioners	ROB	28%
2024	C_Warehouse	Com - Water Source Heat Pump	NEW	6%
2024	C_Warehouse	Com - Water Source Heat Pump	ROB	6%
2024	C_Warehouse	Com - Zero-Energy Doors	RET	33%
2024	I_Agriculture	Ind - Air Compressor Optimization	RET	51%
2024	I_Agriculture	Ind - Dew Point Controls	RET	37%
2024	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	66%
2024	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	66%
2024	I_Agriculture	Ind - Mist Eliminators	RET	37%
2024	I_Agriculture	Ind - No Air Loss Drain	RET	37%
2024	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	70%
2024	I_Manufacturing	Ind - Air Compressor Optimization	RET	51%
2024	I_Manufacturing	Ind - Dew Point Controls	RET	37%
2024	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	70%
2024	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	70%
2024	I_Manufacturing	Ind - Mist Eliminators	RET	37%
2024	I_Manufacturing	Ind - No Air Loss Drain	RET	37%
2024	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	70%
2024	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	58%
2024	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	58%
2024	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	84%
2024	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2024	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	54%
2024	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	54%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	93%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	13%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	13%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	13%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	13%
2024	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2024	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.98E-24
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.98E-24
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	73%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	46%
2024	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2024	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2024	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	50%
2024	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	78%
2024	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	90%
2024	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	83%
2024	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	56%
2024	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	56%
2024	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2024	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2024	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	72%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	57%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	57%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	57%
2024	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	84%
2024	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2024	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	10%
2024	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	10%
2024	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	10%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	93%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	25%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	25%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	25%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	25%
2024	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	1%
2024	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	1%
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.62E-281
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.62E-281
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	32%
2024	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	47%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	47%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	97%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	97%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	97%
2024	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2024	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	89%
2024	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	90%
2024	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2024	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	72%
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	57%
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2024	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	69%
2024	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	69%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	57%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	57%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	57%
2024	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	84%
2024	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	93%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	4%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	4%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	4%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	4%
2024	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	15%
2024	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	15%
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	5.89E-281
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	5.89E-281
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%
2024	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	45%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	45%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	81%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	81%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	81%
2024	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	55%
2024	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	76%
2024	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	70%
2024	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	69%
2024	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	72%
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	43%
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	43%
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	43%
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	5.98E-18
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	18.34f
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	7.8u
2024	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	69%
2024	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	69%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	60%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	60%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	60%
2024	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	84%
2024	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2024	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	57%
2024	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	57%
2024	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	57%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	93%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	36%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	36%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	36%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	36%
2024	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	5%
2024	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	5%
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	77%
2024	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	77%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	85%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	85%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2024	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	82%
2024	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	82%
2024	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	82%
2024	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	67%
2024	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	85%
2024	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	82%
2024	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	78%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	52%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	52%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	52%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2024	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	72%
2024	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	72%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	59%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	59%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	59%
2024	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	84%
2024	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	58%
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	58%
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	58%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	93%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	18%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	18%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	18%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	18%
2024	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2024	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.42E-24
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.42E-24
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	78%
2024	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	47%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	47%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	85%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	85%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	85%
2024	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	53%
2024	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	75%
2024	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	69%
2024	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	69%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	47%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	47%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	47%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2024	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	71%
2024	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	71%
2025	C_College	Com - Anti-Sweat Heater Controls	RET	81%
2025	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	42%
2025	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	42%
2025	C_College	Com - Custom cooling	NEW	46%
2025	C_College	Com - Custom cooling	RET	56%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_College	Com - Custom Lighting	NEW	70%
2025	C_College	Com - Custom motors	NEW	46%
2025	C_College	Com - Custom motors	RET	56%
2025	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	50%
2025	C_College	Com - Direct Evaporative Pre-Cooling	NEW	14%
2025	C_College	Com - Direct Evaporative Pre-Cooling	ROB	14%
2025	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	45%
2025	C_College	Com - Exterior LED fixture	NEW	71%
2025	C_College	Com - Exterior LED fixture	ROB	71%
2025	C_College	Com - Exterior LED Lamp	NEW	76%
2025	C_College	Com - Exterior LED Lamp	ROB	76%
2025	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	48%
2025	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	48%
2025	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2025	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2025	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2025	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2025	C_College	Com - Interior Network Connected LED Lamps	NEW	2.828m
2025	C_College	Com - Interior Network Connected LED Lamps	ROB	2.828m
2025	C_College	Com - LED Refrigerated Case Lighting	NEW	35%
2025	C_College	Com - LED Refrigerated Case Lighting	RET	85%
2025	C_College	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_College	Com - Packaged Terminal Air Conditioners	NEW	10%
2025	C_College	Com - Packaged Terminal Air Conditioners	RET	45%
2025	C_College	Com - Packaged Terminal Air Conditioners	ROB	10%
2025	C_College	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_College	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_College	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_College	Com - Room Air Conditioners	NEW	13%
2025	C_College	Com - Room Air Conditioners	RET	39%
2025	C_College	Com - Room Air Conditioners	ROB	13%
2025	C_College	Com - Water Source Heat Pump	NEW	14%
2025	C_College	Com - Water Source Heat Pump	ROB	14%
2025	C_Grocery	Com - Anti-Sweat Heater Controls	RET	81%
2025	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	44%
2025	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	44%
2025	C_Grocery	Com - Custom cooling	NEW	46%
2025	C_Grocery	Com - Custom cooling	RET	56%
2025	C_Grocery	Com - Custom Lighting	NEW	70%
2025	C_Grocery	Com - Custom motors	NEW	46%
2025	C_Grocery	Com - Custom motors	RET	56%
2025	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	50%
2025	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	15%
2025	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	15%
2025	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	62%
2025	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2025	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2025	C_Grocery	Com - Exterior LED fixture	NEW	98%
2025	C_Grocery	Com - Exterior LED fixture	ROB	98%
2025	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2025	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2025	C_Grocery	Com - Exterior Lighting Controls	RET	54%
2025	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2025	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2025	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2025	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2025	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	54%
2025	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2025	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2025	C_Grocery	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	28%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	53%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	28%
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_Grocery	Com - Pre-rinse Spray Valves	RET	58%
2025	C_Grocery	Com - Room Air Conditioners	NEW	32%
2025	C_Grocery	Com - Room Air Conditioners	RET	32%
2025	C_Grocery	Com - Room Air Conditioners	ROB	32%
2025	C_Grocery	Com - Water Source Heat Pump	NEW	4%
2025	C_Grocery	Com - Water Source Heat Pump	ROB	4%
2025	C_Grocery	Com - Zero-Energy Doors	RET	46%
2025	C_Health	Com - Anti-Sweat Heater Controls	RET	71%
2025	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	66%
2025	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	66%
2025	C_Health	Com - Custom cooling	NEW	46%
2025	C_Health	Com - Custom cooling	RET	56%
2025	C_Health	Com - Custom Lighting	NEW	70%
2025	C_Health	Com - Custom motors	NEW	46%
2025	C_Health	Com - Custom motors	RET	56%
2025	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	50%
2025	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	15%
2025	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	15%
2025	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	48%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2025	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2025	C_Health	Com - Exterior LED fixture	NEW	71%
2025	C_Health	Com - Exterior LED fixture	ROB	71%
2025	C_Health	Com - Exterior LED Lamp	NEW	76%
2025	C_Health	Com - Exterior LED Lamp	ROB	76%
2025	C_Health	Com - Exterior Lighting Controls	RET	81%
2025	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	21%
2025	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	21%
2025	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	69%
2025	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	69%
2025	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	79%
2025	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2025	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2025	C_Health	Com - Low-flow Faucet Aerator	NEW	72%
2025	C_Health	Com - Low-flow Faucet Aerator	RET	72%
2025	C_Health	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_Health	Com - Packaged Terminal Air Conditioners	NEW	28%
2025	C_Health	Com - Packaged Terminal Air Conditioners	RET	53%
2025	C_Health	Com - Packaged Terminal Air Conditioners	ROB	28%
2025	C_Health	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_Health	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_Health	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_Health	Com - Pre-rinse Spray Valves	RET	58%
2025	C_Health	Com - Room Air Conditioners	NEW	32%
2025	C_Health	Com - Room Air Conditioners	RET	48%
2025	C_Health	Com - Room Air Conditioners	ROB	32%
2025	C_Health	Com - Water Source Heat Pump	NEW	47%
2025	C_Health	Com - Water Source Heat Pump	ROB	47%
2025	C_Health	Com - Zero-Energy Doors	RET	39%
2025	C_Lodging	Com - Anti-Sweat Heater Controls	RET	78%
2025	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	66%
2025	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	66%
2025	C_Lodging	Com - Custom cooling	NEW	46%
2025	C_Lodging	Com - Custom cooling	RET	56%
2025	C_Lodging	Com - Custom Lighting	NEW	70%
2025	C_Lodging	Com - Custom motors	NEW	46%
2025	C_Lodging	Com - Custom motors	RET	56%
2025	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	50%
2025	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	15%
2025	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	15%
2025	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	58%
2025	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2025	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2025	C_Lodging	Com - Exterior LED fixture	NEW	84%
2025	C_Lodging	Com - Exterior LED fixture	ROB	84%
2025	C_Lodging	Com - Exterior LED Lamp	NEW	88%
2025	C_Lodging	Com - Exterior LED Lamp	ROB	88%
2025	C_Lodging	Com - Guest Room Energy Management	RET	55%
2025	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	37%
2025	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	37%
2025	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	64%
2025	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	64%
2025	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2025	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2025	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2025	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2025	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2%
2025	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2%
2025	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	6.644m
2025	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	6.644m
2025	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	41%
2025	C_Lodging	Com - LED Refrigerated Case Lighting	RET	85%
2025	C_Lodging	Com - Low-flow Faucet Aerator	NEW	72%
2025	C_Lodging	Com - Low-flow Faucet Aerator	RET	72%
2025	C_Lodging	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	28%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	53%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	28%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_Lodging	Com - Pre-rinse Spray Valves	RET	58%
2025	C_Lodging	Com - Room Air Conditioners	NEW	32%
2025	C_Lodging	Com - Room Air Conditioners	RET	53%
2025	C_Lodging	Com - Room Air Conditioners	ROB	32%
2025	C_Lodging	Com - Water Source Heat Pump	NEW	48%
2025	C_Lodging	Com - Water Source Heat Pump	ROB	48%
2025	C_Lodging	Com - Zero-Energy Doors	RET	56%
2025	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	39%
2025	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	56%
2025	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	58%
2025	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	39%
2025	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	56%
2025	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	73%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Mining/Oil & Gas Extra Ind	- Air Compressor Optimization	RET	55%
2025	C_Mining/Oil & Gas Extra Ind	- Dew Point Controls	RET	45%
2025	C_Mining/Oil & Gas Extra Ind	- LED Lighting for Industrial Applications	NEW	73%
2025	C_Mining/Oil & Gas Extra Ind	- LED Lighting for Industrial Applications	ROB	73%
2025	C_Mining/Oil & Gas Extra Ind	- Mist Eliminators	RET	45%
2025	C_Mining/Oil & Gas Extra Ind	- No Air Loss Drain	RET	45%
2025	C_Mining/Oil & Gas Extra Ind	- VFDs on Industrial Fans and Pumps	RET	85%
2025	C_Office	Com - Anti-Sweat Heater Controls	RET	76%
2025	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	37%
2025	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	37%
2025	C_Office	Com - Custom cooling	NEW	46%
2025	C_Office	Com - Custom cooling	RET	56%
2025	C_Office	Com - Custom Lighting	NEW	70%
2025	C_Office	Com - Custom motors	NEW	46%
2025	C_Office	Com - Custom motors	RET	56%
2025	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	15%
2025	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	15%
2025	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	51%
2025	C_Office	Com - Exterior LED fixture	NEW	59%
2025	C_Office	Com - Exterior LED fixture	ROB	59%
2025	C_Office	Com - Exterior LED Lamp	NEW	66%
2025	C_Office	Com - Exterior LED Lamp	ROB	66%
2025	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2025	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2025	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2025	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2025	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2025	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2025	C_Office	Com - Interior Network Connected LED Lamps	NEW	2.107m
2025	C_Office	Com - Interior Network Connected LED Lamps	ROB	2.107m
2025	C_Office	Com - LED Refrigerated Case Lighting	NEW	19%
2025	C_Office	Com - LED Refrigerated Case Lighting	RET	85%
2025	C_Office	Com - Low-flow Faucet Aerator	RET	88%
2025	C_Office	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_Office	Com - Packaged Terminal Air Conditioners	NEW	28%
2025	C_Office	Com - Packaged Terminal Air Conditioners	RET	53%
2025	C_Office	Com - Packaged Terminal Air Conditioners	ROB	28%
2025	C_Office	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_Office	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_Office	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_Office	Com - Room Air Conditioners	NEW	32%
2025	C_Office	Com - Room Air Conditioners	RET	48%
2025	C_Office	Com - Room Air Conditioners	ROB	32%
2025	C_Office	Com - Water Source Heat Pump	NEW	10%
2025	C_Office	Com - Water Source Heat Pump	ROB	10%
2025	C_Office	Com - Zero-Energy Doors	RET	47%
2025	C_Other	Com - Anti-Sweat Heater Controls	RET	68%
2025	C_Other	Com - Custom cooling	NEW	46%
2025	C_Other	Com - Custom cooling	RET	56%
2025	C_Other	Com - Custom Lighting	NEW	70%
2025	C_Other	Com - Custom motors	NEW	46%
2025	C_Other	Com - Custom motors	RET	56%
2025	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	15%
2025	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	15%
2025	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	75%
2025	C_Other	Com - Exterior LED fixture	NEW	71%
2025	C_Other	Com - Exterior LED fixture	ROB	71%
2025	C_Other	Com - Exterior LED Lamp	NEW	76%
2025	C_Other	Com - Exterior LED Lamp	ROB	76%
2025	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2025	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2025	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2025	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2025	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	75%
2025	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	75%
2025	C_Other	Com - Interior Network Connected LED Fixtures	NEW	2%
2025	C_Other	Com - Interior Network Connected LED Fixtures	ROB	2%
2025	C_Other	Com - Interior Network Connected LED Lamps	NEW	1.36m
2025	C_Other	Com - Interior Network Connected LED Lamps	ROB	1.36m
2025	C_Other	Com - LED Refrigerated Case Lighting	NEW	19%
2025	C_Other	Com - LED Refrigerated Case Lighting	RET	85%
2025	C_Other	Com - Low-flow Faucet Aerator	NEW	72%
2025	C_Other	Com - Low-flow Faucet Aerator	RET	72%
2025	C_Other	Com - New Construction - Lighting Power Density	NEW	82%
2025	C_Other	Com - Packaged Terminal Air Conditioners	NEW	28%
2025	C_Other	Com - Packaged Terminal Air Conditioners	RET	53%
2025	C_Other	Com - Packaged Terminal Air Conditioners	ROB	28%
2025	C_Other	Com - Packaged Terminal Heat Pumps	NEW	28%
2025	C_Other	Com - Packaged Terminal Heat Pumps	RET	53%
2025	C_Other	Com - Packaged Terminal Heat Pumps	ROB	28%
2025	C_Other	Com - Pre-rinse Spray Valves	RET	58%
2025	C_Other	Com - Room Air Conditioners	NEW	32%
2025	C_Other	Com - Room Air Conditioners	RET	20%
2025	C_Other	Com - Room Air Conditioners	ROB	32%
2025	C_Other	Com - Zero-Energy Doors	RET	78%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2025	C_Restaurant	Com - Anti-Sweat Heater Controls	RET		81%
2025	C_Restaurant	Com - Custom cooling	NEW		46%
2025	C_Restaurant	Com - Custom cooling	RET		56%
2025	C_Restaurant	Com - Custom Lighting	NEW		70%
2025	C_Restaurant	Com - Custom motors	NEW		46%
2025	C_Restaurant	Com - Custom motors	RET		56%
2025	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		50%
2025	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW		15%
2025	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB		15%
2025	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		73%
2025	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW		74%
2025	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB		74%
2025	C_Restaurant	Com - Exterior LED fixture	NEW		95%
2025	C_Restaurant	Com - Exterior LED fixture	ROB		95%
2025	C_Restaurant	Com - Exterior LED Lamp	NEW		96%
2025	C_Restaurant	Com - Exterior LED Lamp	ROB		96%
2025	C_Restaurant	Com - Exterior Lighting Controls	RET		85%
2025	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		45%
2025	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		45%
2025	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		78%
2025	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		78%
2025	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		86%
2025	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		84%
2025	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		84%
2025	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	25.55u	
2025	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	25.55u	
2025	C_Restaurant	Com - Low-flow Faucet Aerator	NEW		72%
2025	C_Restaurant	Com - Low-flow Faucet Aerator	RET		72%
2025	C_Restaurant	Com - New Construction - Lighting Power Density	NEW		82%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW		28%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET		53%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB		28%
2025	C_Restaurant	Com - Pre-rinse Spray Valves	RET		58%
2025	C_Restaurant	Com - Room Air Conditioners	NEW		13%
2025	C_Restaurant	Com - Room Air Conditioners	RET		45%
2025	C_Restaurant	Com - Room Air Conditioners	ROB		13%
2025	C_Restaurant	Com - Water Source Heat Pump	NEW		55%
2025	C_Restaurant	Com - Water Source Heat Pump	ROB		55%
2025	C_Restaurant	Com - Zero-Energy Doors	RET		66%
2025	C_Retail	Com - Anti-Sweat Heater Controls	RET		87%
2025	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		6%
2025	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		6%
2025	C_Retail	Com - Custom cooling	NEW		46%
2025	C_Retail	Com - Custom cooling	RET		56%
2025	C_Retail	Com - Custom Lighting	NEW		70%
2025	C_Retail	Com - Custom motors	NEW		46%
2025	C_Retail	Com - Custom motors	RET		56%
2025	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW		15%
2025	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB		15%
2025	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		55%
2025	C_Retail	Com - Exterior LED fixture	NEW		91%
2025	C_Retail	Com - Exterior LED fixture	ROB		91%
2025	C_Retail	Com - Exterior LED Lamp	NEW		93%
2025	C_Retail	Com - Exterior LED Lamp	ROB		93%
2025	C_Retail	Com - High Efficiency Central Heat Pump System	NEW		1%
2025	C_Retail	Com - High Efficiency Central Heat Pump System	ROB		1%
2025	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		45%
2025	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		45%
2025	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		68%
2025	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		68%
2025	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		70%
2025	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		70%
2025	C_Retail	Com - Interior Network Connected LED Lamps	NEW	447.9u	
2025	C_Retail	Com - Interior Network Connected LED Lamps	ROB	447.9u	
2025	C_Retail	Com - LED Refrigerated Case Lighting	RET		85%
2025	C_Retail	Com - New Construction - Lighting Power Density	NEW		82%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	NEW		10%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	RET		45%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	ROB		10%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	NEW		28%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	RET		53%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	ROB		28%
2025	C_Retail	Com - Room Air Conditioners	NEW		13%
2025	C_Retail	Com - Room Air Conditioners	RET		45%
2025	C_Retail	Com - Room Air Conditioners	ROB		13%
2025	C_Retail	Com - Water Source Heat Pump	NEW		10%
2025	C_Retail	Com - Water Source Heat Pump	ROB		10%
2025	C_Retail	Com - Zero-Energy Doors	RET		55%
2025	C_School	Com - Anti-Sweat Heater Controls	RET		81%
2025	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		42%
2025	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		42%
2025	C_School	Com - Custom cooling	NEW		46%
2025	C_School	Com - Custom cooling	RET		56%
2025	C_School	Com - Custom Lighting	NEW		70%
2025	C_School	Com - Custom motors	NEW		46%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2025	C_School	Com - Custom motors	RET		56%
2025	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		50%
2025	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		45%
2025	C_School	Com - Exterior LED fixture	NEW		18%
2025	C_School	Com - Exterior LED fixture	ROB		18%
2025	C_School	Com - Exterior LED Lamp	NEW		24%
2025	C_School	Com - Exterior LED Lamp	ROB		24%
2025	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		49%
2025	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		49%
2025	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		76%
2025	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		76%
2025	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		88%
2025	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		88%
2025	C_School	Com - Interior Network Connected LED Fixtures	NEW	6.408m	
2025	C_School	Com - Interior Network Connected LED Fixtures	ROB	6.408m	
2025	C_School	Com - Interior Network Connected LED Lamps	NEW	4.826m	
2025	C_School	Com - Interior Network Connected LED Lamps	ROB	4.826m	
2025	C_School	Com - LED Refrigerated Case Lighting	NEW		41%
2025	C_School	Com - LED Refrigerated Case Lighting	RET		85%
2025	C_School	Com - Low-flow Faucet Aerator	NEW		72%
2025	C_School	Com - Low-flow Faucet Aerator	RET		72%
2025	C_School	Com - New Construction - Lighting Power Density	NEW		82%
2025	C_School	Com - Packaged Terminal Air Conditioners	NEW		10%
2025	C_School	Com - Packaged Terminal Air Conditioners	RET		45%
2025	C_School	Com - Packaged Terminal Air Conditioners	ROB		10%
2025	C_School	Com - Packaged Terminal Heat Pumps	NEW		28%
2025	C_School	Com - Packaged Terminal Heat Pumps	RET		53%
2025	C_School	Com - Packaged Terminal Heat Pumps	ROB		28%
2025	C_School	Com - Pre-rinse Spray Valves	RET		58%
2025	C_School	Com - Room Air Conditioners	NEW		13%
2025	C_School	Com - Room Air Conditioners	ROB		13%
2025	C_Warehouse	Com - Anti-Sweat Heater Controls	RET		76%
2025	C_Warehouse	Com - Custom cooling	NEW		46%
2025	C_Warehouse	Com - Custom cooling	RET		56%
2025	C_Warehouse	Com - Custom Lighting	NEW		70%
2025	C_Warehouse	Com - Custom motors	NEW		46%
2025	C_Warehouse	Com - Custom motors	RET		56%
2025	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		46%
2025	C_Warehouse	Com - Exterior LED fixture	NEW		92%
2025	C_Warehouse	Com - Exterior LED fixture	ROB		92%
2025	C_Warehouse	Com - Exterior LED Lamp	NEW		94%
2025	C_Warehouse	Com - Exterior LED Lamp	ROB		94%
2025	C_Warehouse	Com - Exterior Lighting Controls	RET		55%
2025	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		67%
2025	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		67%
2025	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		49%
2025	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		82%
2025	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		82%
2025	C_Warehouse	Com - New Construction - Lighting Power Density	NEW		82%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW		28%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET		53%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB		28%
2025	C_Warehouse	Com - Room Air Conditioners	NEW		32%
2025	C_Warehouse	Com - Room Air Conditioners	RET		49%
2025	C_Warehouse	Com - Room Air Conditioners	ROB		32%
2025	C_Warehouse	Com - Water Source Heat Pump	NEW		9%
2025	C_Warehouse	Com - Water Source Heat Pump	ROB		9%
2025	C_Warehouse	Com - Zero-Energy Doors	RET		41%
2025	I_Agriculture	Ind - Air Compressor Optimization	RET		55%
2025	I_Agriculture	Ind - Dew Point Controls	RET		45%
2025	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW		69%
2025	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB		69%
2025	I_Agriculture	Ind - Mist Eliminators	RET		45%
2025	I_Agriculture	Ind - No Air Loss Drain	RET		45%
2025	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET		85%
2025	I_Manufacturing	Ind - Air Compressor Optimization	RET		55%
2025	I_Manufacturing	Ind - Dew Point Controls	RET		45%
2025	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW		73%
2025	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB		73%
2025	I_Manufacturing	Ind - Mist Eliminators	RET		45%
2025	I_Manufacturing	Ind - No Air Loss Drain	RET		45%
2025	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET		85%
2025	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET		70%
2025	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET		70%
2025	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		90%
2025	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		90%
2025	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET		66%
2025	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET		66%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		82%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		96%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		82%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		16%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		16%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		16%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		16%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2025	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	7.14E-24
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	7.14E-24
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	81%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	89%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	89%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2025	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2025	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2025	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	62%
2025	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	86%
2025	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	91%
2025	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	89%
2025	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	63%
2025	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	63%
2025	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2025	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2025	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	82%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	69%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	69%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	69%
2025	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	90%
2025	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	90%
2025	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	13%
2025	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	13%
2025	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	13%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	96%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	27%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	27%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	27%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	27%
2025	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	2%
2025	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	2%
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.52E-281
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.52E-281
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	34%
2025	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	34%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	90%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	48%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	90%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	48%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	90%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	98%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	98%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	98%
2025	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	82%
2025	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	93%
2025	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	92%
2025	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	90%
2025	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	82%
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	64%
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	64%
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	64%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2025	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	80%
2025	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	80%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	69%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	69%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	69%
2025	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	90%
2025	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	90%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	16%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	16%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	16%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	96%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	7%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	7%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	7%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	7%
2025	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	17%
2025	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	17%
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	5.80E-281
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	5.80E-281
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	40%
2025	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	40%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	89%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	47%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	89%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	47%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	89%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	88%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	88%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	88%
2025	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	65%
2025	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	82%
2025	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	73%
2025	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	77%
2025	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	82%
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	53%
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	53%
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	53%
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	9.16E-18
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	27.52f
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11.14u
2025	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	80%
2025	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	80%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	71%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	71%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	71%
2025	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	90%
2025	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	90%
2025	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	68%
2025	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	68%
2025	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	68%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	96%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	38%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	38%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	38%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	38%
2025	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	6%
2025	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	6%
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	83%
2025	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	83%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	90%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	90%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	90%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2025	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	88%
2025	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	88%
2025	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	88%
2025	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2025	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	91%
2025	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	85%
2025	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	86%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	57%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2025	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	82%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	82%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	70%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	70%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	70%
2025	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	90%
2025	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	90%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	69%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	69%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	69%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	96%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	21%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	21%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	21%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	21%
2025	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	21%
2025	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	21%
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.14E-24
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.14E-24
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	84%
2025	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	84%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	90%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	48%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	90%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	48%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	90%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	91%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	91%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	91%
2025	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	63%
2025	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	81%
2025	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	73%
2025	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	76%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	55%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	55%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	55%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2025	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	82%
2025	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	82%
2026	C_College	Com - Anti-Sweat Heater Controls	RET	82%
2026	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	44%
2026	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	44%
2026	C_College	Com - Custom cooling	NEW	47%
2026	C_College	Com - Custom cooling	RET	60%
2026	C_College	Com - Custom Lighting	NEW	72%
2026	C_College	Com - Custom motors	NEW	47%
2026	C_College	Com - Custom motors	RET	60%
2026	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_College	Com - Direct Evaporative Pre-Cooling	NEW	16%
2026	C_College	Com - Direct Evaporative Pre-Cooling	ROB	16%
2026	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	50%
2026	C_College	Com - Exterior LED fixture	NEW	74%
2026	C_College	Com - Exterior LED fixture	ROB	74%
2026	C_College	Com - Exterior LED Lamp	NEW	79%
2026	C_College	Com - Exterior LED Lamp	ROB	79%
2026	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	50%
2026	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	50%
2026	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2026	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2026	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2026	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%
2026	C_College	Com - Interior Network Connected LED Fixtures	NEW	8.374m
2026	C_College	Com - Interior Network Connected LED Fixtures	ROB	8.374m
2026	C_College	Com - Interior Network Connected LED Lamps	NEW	3.587m
2026	C_College	Com - Interior Network Connected LED Lamps	ROB	3.587m
2026	C_College	Com - LED Refrigerated Case Lighting	NEW	39%
2026	C_College	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_College	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_College	Com - Packaged Terminal Air Conditioners	NEW	13%
2026	C_College	Com - Packaged Terminal Air Conditioners	RET	50%
2026	C_College	Com - Packaged Terminal Air Conditioners	ROB	13%
2026	C_College	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_College	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_College	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_College	Com - Room Air Conditioners	NEW	17%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_College	Com - Room Air Conditioners	RET	44%
2026	C_College	Com - Room Air Conditioners	ROB	17%
2026	C_College	Com - Water Source Heat Pump	NEW	18%
2026	C_College	Com - Water Source Heat Pump	ROB	18%
2026	C_Grocery	Com - Anti-Sweat Heater Controls	RET	82%
2026	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	46%
2026	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	46%
2026	C_Grocery	Com - Custom cooling	NEW	47%
2026	C_Grocery	Com - Custom cooling	RET	60%
2026	C_Grocery	Com - Custom Lighting	NEW	72%
2026	C_Grocery	Com - Custom motors	NEW	47%
2026	C_Grocery	Com - Custom motors	RET	60%
2026	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	66%
2026	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2026	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2026	C_Grocery	Com - Exterior LED fixture	NEW	98%
2026	C_Grocery	Com - Exterior LED fixture	ROB	98%
2026	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2026	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2026	C_Grocery	Com - Exterior Lighting Controls	RET	61%
2026	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2026	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2026	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2026	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2026	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	61%
2026	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2026	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2026	C_Grocery	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Grocery	Com - Pre-rinse Spray Valves	RET	61%
2026	C_Grocery	Com - Room Air Conditioners	NEW	35%
2026	C_Grocery	Com - Room Air Conditioners	RET	36%
2026	C_Grocery	Com - Room Air Conditioners	ROB	35%
2026	C_Grocery	Com - Water Source Heat Pump	NEW	8%
2026	C_Grocery	Com - Water Source Heat Pump	ROB	8%
2026	C_Grocery	Com - Zero-Energy Doors	RET	50%
2026	C_Health	Com - Anti-Sweat Heater Controls	RET	74%
2026	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	67%
2026	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	67%
2026	C_Health	Com - Custom cooling	NEW	47%
2026	C_Health	Com - Custom cooling	RET	60%
2026	C_Health	Com - Custom Lighting	NEW	72%
2026	C_Health	Com - Custom motors	NEW	47%
2026	C_Health	Com - Custom motors	RET	60%
2026	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2026	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2026	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2026	C_Health	Com - Exterior LED fixture	NEW	74%
2026	C_Health	Com - Exterior LED fixture	ROB	74%
2026	C_Health	Com - Exterior LED Lamp	NEW	79%
2026	C_Health	Com - Exterior LED Lamp	ROB	79%
2026	C_Health	Com - Exterior Lighting Controls	RET	88%
2026	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	23%
2026	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	23%
2026	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2026	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2026	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	87%
2026	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2026	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2026	C_Health	Com - Low-flow Faucet Aerator	NEW	72%
2026	C_Health	Com - Low-flow Faucet Aerator	RET	75%
2026	C_Health	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Health	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Health	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Health	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Health	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Health	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Health	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Health	Com - Pre-rinse Spray Valves	RET	61%
2026	C_Health	Com - Room Air Conditioners	NEW	35%
2026	C_Health	Com - Room Air Conditioners	RET	52%
2026	C_Health	Com - Room Air Conditioners	ROB	35%
2026	C_Health	Com - Water Source Heat Pump	NEW	50%
2026	C_Health	Com - Water Source Heat Pump	ROB	50%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Health	Com - Zero-Energy Doors	RET	44%
2026	C_Lodging	Com - Anti-Sweat Heater Controls	RET	80%
2026	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	67%
2026	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	67%
2026	C_Lodging	Com - Custom cooling	NEW	47%
2026	C_Lodging	Com - Custom cooling	RET	60%
2026	C_Lodging	Com - Custom Lighting	NEW	72%
2026	C_Lodging	Com - Custom motors	NEW	47%
2026	C_Lodging	Com - Custom motors	RET	60%
2026	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2026	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2026	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2026	C_Lodging	Com - Exterior LED fixture	NEW	86%
2026	C_Lodging	Com - Exterior LED fixture	ROB	86%
2026	C_Lodging	Com - Exterior LED Lamp	NEW	89%
2026	C_Lodging	Com - Exterior LED Lamp	ROB	89%
2026	C_Lodging	Com - Guest Room Energy Management	RET	58%
2026	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	40%
2026	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	40%
2026	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	65%
2026	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	65%
2026	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2026	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2026	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2026	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2026	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2%
2026	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2%
2026	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	8.255m
2026	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	8.255m
2026	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	45%
2026	C_Lodging	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_Lodging	Com - Low-flow Faucet Aerator	NEW	72%
2026	C_Lodging	Com - Low-flow Faucet Aerator	RET	75%
2026	C_Lodging	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Lodging	Com - Pre-rinse Spray Valves	RET	61%
2026	C_Lodging	Com - Room Air Conditioners	NEW	35%
2026	C_Lodging	Com - Room Air Conditioners	RET	57%
2026	C_Lodging	Com - Room Air Conditioners	ROB	35%
2026	C_Lodging	Com - Water Source Heat Pump	NEW	50%
2026	C_Lodging	Com - Water Source Heat Pump	ROB	50%
2026	C_Lodging	Com - Zero-Energy Doors	RET	59%
2026	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	40%
2026	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	60%
2026	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	59%
2026	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	40%
2026	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	60%
2026	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	75%
2026	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	58%
2026	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	50%
2026	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	75%
2026	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	75%
2026	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	50%
2026	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	50%
2026	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	93%
2026	C_Office	Com - Anti-Sweat Heater Controls	RET	78%
2026	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	39%
2026	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	39%
2026	C_Office	Com - Custom cooling	NEW	47%
2026	C_Office	Com - Custom cooling	RET	60%
2026	C_Office	Com - Custom Lighting	NEW	72%
2026	C_Office	Com - Custom motors	NEW	47%
2026	C_Office	Com - Custom motors	RET	60%
2026	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	56%
2026	C_Office	Com - Exterior LED fixture	NEW	63%
2026	C_Office	Com - Exterior LED fixture	ROB	63%
2026	C_Office	Com - Exterior LED Lamp	NEW	70%
2026	C_Office	Com - Exterior LED Lamp	ROB	70%
2026	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	53%
2026	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	53%
2026	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2026	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2026	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2026	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2026	C_Office	Com - Interior Network Connected LED Fixtures	NEW	8.503m

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Office	Com - Interior Network Connected LED Fixtures	ROB	8.503m
2026	C_Office	Com - Interior Network Connected LED Lamps	NEW	2.618m
2026	C_Office	Com - Interior Network Connected LED Lamps	ROB	2.618m
2026	C_Office	Com - LED Refrigerated Case Lighting	NEW	24%
2026	C_Office	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_Office	Com - Low-flow Faucet Aerator	RET	89%
2026	C_Office	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Office	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Office	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Office	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Office	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Office	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Office	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Office	Com - Room Air Conditioners	NEW	35%
2026	C_Office	Com - Room Air Conditioners	RET	52%
2026	C_Office	Com - Room Air Conditioners	ROB	35%
2026	C_Office	Com - Water Source Heat Pump	NEW	13%
2026	C_Office	Com - Water Source Heat Pump	ROB	13%
2026	C_Office	Com - Zero-Energy Doors	RET	51%
2026	C_Other	Com - Anti-Sweat Heater Controls	RET	71%
2026	C_Other	Com - Custom cooling	NEW	47%
2026	C_Other	Com - Custom cooling	RET	60%
2026	C_Other	Com - Custom Lighting	NEW	72%
2026	C_Other	Com - Custom motors	NEW	47%
2026	C_Other	Com - Custom motors	RET	60%
2026	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	77%
2026	C_Other	Com - Exterior LED fixture	NEW	74%
2026	C_Other	Com - Exterior LED fixture	ROB	74%
2026	C_Other	Com - Exterior LED Lamp	NEW	79%
2026	C_Other	Com - Exterior LED Lamp	ROB	79%
2026	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	35%
2026	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	35%
2026	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	87%
2026	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	87%
2026	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2026	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2026	C_Other	Com - Interior Network Connected LED Fixtures	NEW	3%
2026	C_Other	Com - Interior Network Connected LED Fixtures	ROB	3%
2026	C_Other	Com - Interior Network Connected LED Lamps	NEW	1.688m
2026	C_Other	Com - Interior Network Connected LED Lamps	ROB	1.688m
2026	C_Other	Com - LED Refrigerated Case Lighting	NEW	24%
2026	C_Other	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_Other	Com - Low-flow Faucet Aerator	NEW	72%
2026	C_Other	Com - Low-flow Faucet Aerator	RET	75%
2026	C_Other	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Other	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Other	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Other	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Other	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Other	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Other	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Other	Com - Pre-rinse Spray Valves	RET	61%
2026	C_Other	Com - Room Air Conditioners	NEW	35%
2026	C_Other	Com - Room Air Conditioners	RET	24%
2026	C_Other	Com - Room Air Conditioners	ROB	35%
2026	C_Other	Com - Zero-Energy Doors	RET	80%
2026	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	82%
2026	C_Restaurant	Com - Custom cooling	NEW	47%
2026	C_Restaurant	Com - Custom cooling	RET	60%
2026	C_Restaurant	Com - Custom Lighting	NEW	72%
2026	C_Restaurant	Com - Custom motors	NEW	47%
2026	C_Restaurant	Com - Custom motors	RET	60%
2026	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	75%
2026	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2026	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2026	C_Restaurant	Com - Exterior LED fixture	NEW	95%
2026	C_Restaurant	Com - Exterior LED fixture	ROB	95%
2026	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2026	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2026	C_Restaurant	Com - Exterior Lighting Controls	RET	91%
2026	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	45%
2026	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	45%
2026	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	47%
2026	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	47%
2026	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2026	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2026	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	91%
2026	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2026	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2026	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	39.47u

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	39.47u
2026	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	72%
2026	C_Restaurant	Com - Low-flow Faucet Aerator	RET	75%
2026	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Restaurant	Com - Pre-rinse Spray Valves	RET	61%
2026	C_Restaurant	Com - Room Air Conditioners	NEW	17%
2026	C_Restaurant	Com - Room Air Conditioners	RET	50%
2026	C_Restaurant	Com - Room Air Conditioners	ROB	17%
2026	C_Restaurant	Com - Water Source Heat Pump	NEW	57%
2026	C_Restaurant	Com - Water Source Heat Pump	ROB	57%
2026	C_Restaurant	Com - Zero-Energy Doors	RET	69%
2026	C_Retail	Com - Anti-Sweat Heater Controls	RET	88%
2026	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	9%
2026	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	9%
2026	C_Retail	Com - Custom cooling	NEW	47%
2026	C_Retail	Com - Custom cooling	RET	60%
2026	C_Retail	Com - Custom Lighting	NEW	72%
2026	C_Retail	Com - Custom motors	NEW	47%
2026	C_Retail	Com - Custom motors	RET	60%
2026	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	18%
2026	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	18%
2026	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	59%
2026	C_Retail	Com - Exterior LED fixture	NEW	92%
2026	C_Retail	Com - Exterior LED fixture	ROB	92%
2026	C_Retail	Com - Exterior LED Lamp	NEW	94%
2026	C_Retail	Com - Exterior LED Lamp	ROB	94%
2026	C_Retail	Com - Exterior Lighting Controls	RET	59%
2026	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	5%
2026	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	5%
2026	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	46%
2026	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	46%
2026	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	70%
2026	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	70%
2026	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	42%
2026	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2026	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2026	C_Retail	Com - Interior Network Connected LED Lamps	NEW	565.8u
2026	C_Retail	Com - Interior Network Connected LED Lamps	ROB	565.8u
2026	C_Retail	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_Retail	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	13%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	RET	50%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	13%
2026	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_Retail	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_Retail	Com - Room Air Conditioners	NEW	17%
2026	C_Retail	Com - Room Air Conditioners	RET	50%
2026	C_Retail	Com - Room Air Conditioners	ROB	17%
2026	C_Retail	Com - Water Source Heat Pump	NEW	13%
2026	C_Retail	Com - Water Source Heat Pump	ROB	13%
2026	C_Retail	Com - Zero-Energy Doors	RET	58%
2026	C_School	Com - Anti-Sweat Heater Controls	RET	82%
2026	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	44%
2026	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	44%
2026	C_School	Com - Custom cooling	NEW	47%
2026	C_School	Com - Custom cooling	RET	60%
2026	C_School	Com - Custom Lighting	NEW	72%
2026	C_School	Com - Custom motors	NEW	47%
2026	C_School	Com - Custom motors	RET	60%
2026	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	55%
2026	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	50%
2026	C_School	Com - Exterior LED fixture	NEW	24%
2026	C_School	Com - Exterior LED fixture	ROB	24%
2026	C_School	Com - Exterior LED Lamp	NEW	32%
2026	C_School	Com - Exterior LED Lamp	ROB	32%
2026	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	50%
2026	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	50%
2026	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2026	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2026	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	89%
2026	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	89%
2026	C_School	Com - Interior Network Connected LED Fixtures	NEW	1%
2026	C_School	Com - Interior Network Connected LED Fixtures	ROB	1%
2026	C_School	Com - Interior Network Connected LED Lamps	NEW	6.003m
2026	C_School	Com - Interior Network Connected LED Lamps	ROB	6.003m
2026	C_School	Com - LED Refrigerated Case Lighting	NEW	45%
2026	C_School	Com - LED Refrigerated Case Lighting	RET	94%
2026	C_School	Com - Low-flow Faucet Aerator	NEW	72%
2026	C_School	Com - Low-flow Faucet Aerator	RET	75%
2026	C_School	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_School	Com - Packaged Terminal Air Conditioners	NEW	13%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_School	Com - Packaged Terminal Air Conditioners	RET	50%
2026	C_School	Com - Packaged Terminal Air Conditioners	ROB	13%
2026	C_School	Com - Packaged Terminal Heat Pumps	NEW	31%
2026	C_School	Com - Packaged Terminal Heat Pumps	RET	57%
2026	C_School	Com - Packaged Terminal Heat Pumps	ROB	31%
2026	C_School	Com - Pre-rinse Spray Valves	RET	61%
2026	C_School	Com - Room Air Conditioners	NEW	17%
2026	C_School	Com - Room Air Conditioners	RET	3.714m
2026	C_School	Com - Room Air Conditioners	ROB	17%
2026	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	78%
2026	C_Warehouse	Com - Custom cooling	NEW	47%
2026	C_Warehouse	Com - Custom cooling	RET	60%
2026	C_Warehouse	Com - Custom Lighting	NEW	72%
2026	C_Warehouse	Com - Custom motors	NEW	47%
2026	C_Warehouse	Com - Custom motors	RET	60%
2026	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	50%
2026	C_Warehouse	Com - Exterior LED fixture	NEW	93%
2026	C_Warehouse	Com - Exterior LED fixture	ROB	93%
2026	C_Warehouse	Com - Exterior LED Lamp	NEW	95%
2026	C_Warehouse	Com - Exterior LED Lamp	ROB	95%
2026	C_Warehouse	Com - Exterior Lighting Controls	RET	61%
2026	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	23%
2026	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	23%
2026	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2026	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2026	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	55%
2026	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	83%
2026	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	83%
2026	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	83%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	31%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	57%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	31%
2026	C_Warehouse	Com - Room Air Conditioners	NEW	35%
2026	C_Warehouse	Com - Room Air Conditioners	RET	52%
2026	C_Warehouse	Com - Room Air Conditioners	ROB	35%
2026	C_Warehouse	Com - Water Source Heat Pump	NEW	12%
2026	C_Warehouse	Com - Water Source Heat Pump	ROB	12%
2026	C_Warehouse	Com - Zero-Energy Doors	RET	45%
2026	I_Agriculture	Ind - Air Compressor Optimization	RET	58%
2026	I_Agriculture	Ind - Dew Point Controls	RET	50%
2026	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	72%
2026	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	72%
2026	I_Agriculture	Ind - Mist Eliminators	RET	50%
2026	I_Agriculture	Ind - No Air Loss Drain	RET	50%
2026	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	93%
2026	I_Manufacturing	Ind - Air Compressor Optimization	RET	58%
2026	I_Manufacturing	Ind - Dew Point Controls	RET	50%
2026	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	75%
2026	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	75%
2026	I_Manufacturing	Ind - Mist Eliminators	RET	50%
2026	I_Manufacturing	Ind - No Air Loss Drain	RET	50%
2026	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	93%
2026	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	78%
2026	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	78%
2026	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	93%
2026	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	93%
2026	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	75%
2026	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	75%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	97%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	20%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	20%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	20%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	20%
2026	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	16%
2026	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	16%
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.26E-23
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.26E-23
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	86%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	92%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	92%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2026	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2026	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2026	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	90%
2026	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	93%
2026	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	93%
2026	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	71%
2026	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	71%
2026	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2026	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2026	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	88%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	78%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	78%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	78%
2026	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	93%
2026	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	93%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	15%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	15%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	15%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	97%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	31%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	31%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	31%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	31%
2026	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2026	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	6.06E-24
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	6.06E-24
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	35%
2026	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	35%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	92%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	92%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	92%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	99%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2026	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	88%
2026	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	95%
2026	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	93%
2026	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	93%
2026	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	87%
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	74%
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	74%
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	74%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2026	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	87%
2026	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	87%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	78%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	78%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	78%
2026	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	93%
2026	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	93%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	97%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	11%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	11%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	11%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	11%
2026	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2026	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	5.38E-24
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	5.38E-24
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	41%
2026	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	41%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	49%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	92%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	49%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	49%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	92%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	49%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	49%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	92%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	49%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	91%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	91%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	91%
2026	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	74%
2026	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	86%
2026	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	78%
2026	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	81%
2026	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	87%
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	67%
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	67%
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	67%
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	1.41E-17
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	41.69f
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	16.23u
2026	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	87%
2026	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	87%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	79%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	79%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	79%
2026	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	93%
2026	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	93%
2026	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	77%
2026	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	77%
2026	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	77%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	97%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	41%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	41%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	41%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	41%
2026	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	8%
2026	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	8%
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	88%
2026	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	88%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	93%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	54%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	93%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	54%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	93%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2026	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	91%
2026	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	91%
2026	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	91%
2026	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	84%
2026	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	94%
2026	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	88%
2026	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	90%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	63%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	63%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	63%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2026	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	88%
2026	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	88%
2026	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + EC	RET	79%
2026	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + NC	RET	79%
2026	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - GH + EC	RET	79%
2026	R_Single Family Low Incor	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	93%
2026	R_Single Family Low Incor	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	93%
2026	R_Single Family Low Incor	Res - Duct Sealing - Space Heating - EH + EC	RET	77%
2026	R_Single Family Low Incor	Res - Duct Sealing - Space Heating - EH + NC	RET	77%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	77%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	97%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	25%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	25%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	25%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	25%
2026	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	23%
2026	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	23%
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.08E-23
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.08E-23
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	88%
2026	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	88%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	92%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	92%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	92%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2026	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	73%
2026	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	85%
2026	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	77%
2026	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	81%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	66%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	66%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	66%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2026	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	88%
2026	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	88%
2027	C_College	Com - Anti-Sweat Heater Controls	RET	83%
2027	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	46%
2027	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	46%
2027	C_College	Com - Custom cooling	NEW	48%
2027	C_College	Com - Custom cooling	RET	61%
2027	C_College	Com - Custom Lighting	NEW	74%
2027	C_College	Com - Custom motors	NEW	48%
2027	C_College	Com - Custom motors	RET	61%
2027	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2027	C_College	Com - Direct Evaporative Pre-Cooling	NEW	19%
2027	C_College	Com - Direct Evaporative Pre-Cooling	ROB	19%
2027	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	52%
2027	C_College	Com - Exterior LED fixture	NEW	76%
2027	C_College	Com - Exterior LED fixture	ROB	76%
2027	C_College	Com - Exterior LED Lamp	NEW	82%
2027	C_College	Com - Exterior LED Lamp	ROB	82%
2027	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	51%
2027	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	51%
2027	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2027	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2027	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2027	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2027	C_College	Com - Interior Network Connected LED Fixtures	NEW	1%
2027	C_College	Com - Interior Network Connected LED Fixtures	ROB	1%
2027	C_College	Com - Interior Network Connected LED Lamps	NEW	4.285m
2027	C_College	Com - Interior Network Connected LED Lamps	ROB	4.285m
2027	C_College	Com - LED Refrigerated Case Lighting	NEW	42%
2027	C_College	Com - LED Refrigerated Case Lighting	RET	98%
2027	C_College	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_College	Com - Packaged Terminal Air Conditioners	NEW	16%
2027	C_College	Com - Packaged Terminal Air Conditioners	RET	52%
2027	C_College	Com - Packaged Terminal Air Conditioners	ROB	16%
2027	C_College	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_College	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_College	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_College	Com - Room Air Conditioners	NEW	22%
2027	C_College	Com - Room Air Conditioners	RET	46%
2027	C_College	Com - Room Air Conditioners	ROB	22%
2027	C_College	Com - Water Source Heat Pump	NEW	21%
2027	C_College	Com - Water Source Heat Pump	ROB	21%
2027	C_Grocery	Com - Anti-Sweat Heater Controls	RET	83%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	47%
2027	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	47%
2027	C_Grocery	Com - Custom cooling	NEW	48%
2027	C_Grocery	Com - Custom cooling	RET	61%
2027	C_Grocery	Com - Custom Lighting	NEW	74%
2027	C_Grocery	Com - Custom motors	NEW	48%
2027	C_Grocery	Com - Custom motors	RET	61%
2027	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2027	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	20%
2027	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	20%
2027	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	67%
2027	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	76%
2027	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	76%
2027	C_Grocery	Com - Exterior LED fixture	NEW	98%
2027	C_Grocery	Com - Exterior LED fixture	ROB	98%
2027	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2027	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2027	C_Grocery	Com - Exterior Lighting Controls	RET	64%
2027	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2027	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2027	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2027	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2027	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	64%
2027	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	88%
2027	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	88%
2027	C_Grocery	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	34%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	59%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	34%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_Grocery	Com - Pre-rinse Spray Valves	RET	63%
2027	C_Grocery	Com - Room Air Conditioners	NEW	39%
2027	C_Grocery	Com - Room Air Conditioners	RET	38%
2027	C_Grocery	Com - Room Air Conditioners	ROB	39%
2027	C_Grocery	Com - Water Source Heat Pump	NEW	11%
2027	C_Grocery	Com - Water Source Heat Pump	ROB	11%
2027	C_Grocery	Com - Zero-Energy Doors	RET	52%
2027	C_Health	Com - Anti-Sweat Heater Controls	RET	75%
2027	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	68%
2027	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	68%
2027	C_Health	Com - Custom cooling	NEW	48%
2027	C_Health	Com - Custom cooling	RET	61%
2027	C_Health	Com - Custom Lighting	NEW	74%
2027	C_Health	Com - Custom motors	NEW	48%
2027	C_Health	Com - Custom motors	RET	61%
2027	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2027	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	20%
2027	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	20%
2027	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	55%
2027	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	76%
2027	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	76%
2027	C_Health	Com - Exterior LED fixture	NEW	76%
2027	C_Health	Com - Exterior LED fixture	ROB	76%
2027	C_Health	Com - Exterior LED Lamp	NEW	82%
2027	C_Health	Com - Exterior LED Lamp	ROB	82%
2027	C_Health	Com - Exterior Lighting Controls	RET	91%
2027	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	26%
2027	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	26%
2027	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2027	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2027	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	90%
2027	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2027	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%
2027	C_Health	Com - Interior Network Connected LED Fixtures	NEW	2%
2027	C_Health	Com - Interior Network Connected LED Fixtures	ROB	2%
2027	C_Health	Com - Interior Network Connected LED Lamps	NEW	111.9u
2027	C_Health	Com - Interior Network Connected LED Lamps	ROB	111.9u
2027	C_Health	Com - LED Refrigerated Case Lighting	RET	28%
2027	C_Health	Com - Low-flow Faucet Aerator	NEW	73%
2027	C_Health	Com - Low-flow Faucet Aerator	RET	76%
2027	C_Health	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Health	Com - Packaged Terminal Air Conditioners	NEW	34%
2027	C_Health	Com - Packaged Terminal Air Conditioners	RET	59%
2027	C_Health	Com - Packaged Terminal Air Conditioners	ROB	34%
2027	C_Health	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_Health	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_Health	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_Health	Com - Pre-rinse Spray Valves	RET	63%
2027	C_Health	Com - Room Air Conditioners	NEW	39%
2027	C_Health	Com - Room Air Conditioners	RET	54%
2027	C_Health	Com - Room Air Conditioners	ROB	39%
2027	C_Health	Com - Water Source Heat Pump	NEW	51%
2027	C_Health	Com - Water Source Heat Pump	ROB	51%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Health	Com - Zero-Energy Doors	RET	46%
2027	C_Lodging	Com - Anti-Sweat Heater Controls	RET	80%
2027	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	68%
2027	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	68%
2027	C_Lodging	Com - Custom cooling	NEW	48%
2027	C_Lodging	Com - Custom cooling	RET	61%
2027	C_Lodging	Com - Custom Lighting	NEW	74%
2027	C_Lodging	Com - Custom motors	NEW	48%
2027	C_Lodging	Com - Custom motors	RET	61%
2027	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2027	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	20%
2027	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	20%
2027	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	63%
2027	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	76%
2027	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	76%
2027	C_Lodging	Com - Exterior LED fixture	NEW	87%
2027	C_Lodging	Com - Exterior LED fixture	ROB	87%
2027	C_Lodging	Com - Exterior LED Lamp	NEW	91%
2027	C_Lodging	Com - Exterior LED Lamp	ROB	91%
2027	C_Lodging	Com - Guest Room Energy Management	RET	60%
2027	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	42%
2027	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	42%
2027	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	65%
2027	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	65%
2027	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2027	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2027	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	40%
2027	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	40%
2027	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2027	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2027	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	3%
2027	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	3%
2027	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	9.74m
2027	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	9.74m
2027	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	48%
2027	C_Lodging	Com - LED Refrigerated Case Lighting	RET	98%
2027	C_Lodging	Com - Low-flow Faucet Aerator	NEW	73%
2027	C_Lodging	Com - Low-flow Faucet Aerator	RET	76%
2027	C_Lodging	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	34%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	59%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	34%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_Lodging	Com - Pre-rinse Spray Valves	RET	63%
2027	C_Lodging	Com - Room Air Conditioners	NEW	39%
2027	C_Lodging	Com - Room Air Conditioners	RET	59%
2027	C_Lodging	Com - Room Air Conditioners	ROB	39%
2027	C_Lodging	Com - Water Source Heat Pump	NEW	52%
2027	C_Lodging	Com - Water Source Heat Pump	ROB	52%
2027	C_Lodging	Com - Zero-Energy Doors	RET	61%
2027	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	41%
2027	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	61%
2027	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	61%
2027	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	41%
2027	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	61%
2027	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	75%
2027	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	59%
2027	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	52%
2027	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	77%
2027	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	77%
2027	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	52%
2027	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	52%
2027	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	97%
2027	C_Office	Com - Anti-Sweat Heater Controls	RET	79%
2027	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	41%
2027	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	41%
2027	C_Office	Com - Custom cooling	NEW	48%
2027	C_Office	Com - Custom cooling	RET	61%
2027	C_Office	Com - Custom Lighting	NEW	74%
2027	C_Office	Com - Custom motors	NEW	48%
2027	C_Office	Com - Custom motors	RET	61%
2027	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	20%
2027	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	20%
2027	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	57%
2027	C_Office	Com - Exterior LED fixture	NEW	66%
2027	C_Office	Com - Exterior LED fixture	ROB	66%
2027	C_Office	Com - Exterior LED Lamp	NEW	74%
2027	C_Office	Com - Exterior LED Lamp	ROB	74%
2027	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	54%
2027	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	54%
2027	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2027	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2027	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2027	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		79%
2027	C_Office	Com - Interior Network Connected LED Fixtures	NEW		1%
2027	C_Office	Com - Interior Network Connected LED Fixtures	ROB		1%
2027	C_Office	Com - Interior Network Connected LED Lamps	NEW	3.088m	
2027	C_Office	Com - Interior Network Connected LED Lamps	ROB	3.088m	
2027	C_Office	Com - LED Refrigerated Case Lighting	NEW		28%
2027	C_Office	Com - LED Refrigerated Case Lighting	RET		98%
2027	C_Office	Com - Low-flow Faucet Aerator	RET		90%
2027	C_Office	Com - New Construction - Lighting Power Density	NEW		84%
2027	C_Office	Com - Packaged Terminal Air Conditioners	NEW		34%
2027	C_Office	Com - Packaged Terminal Air Conditioners	RET		59%
2027	C_Office	Com - Packaged Terminal Air Conditioners	ROB		34%
2027	C_Office	Com - Packaged Terminal Heat Pumps	NEW		34%
2027	C_Office	Com - Packaged Terminal Heat Pumps	RET		59%
2027	C_Office	Com - Packaged Terminal Heat Pumps	ROB		34%
2027	C_Office	Com - Room Air Conditioners	NEW		39%
2027	C_Office	Com - Room Air Conditioners	RET		54%
2027	C_Office	Com - Room Air Conditioners	ROB		39%
2027	C_Office	Com - Water Source Heat Pump	NEW		16%
2027	C_Office	Com - Water Source Heat Pump	ROB		16%
2027	C_Office	Com - Zero-Energy Doors	RET		53%
2027	C_Other	Com - Anti-Sweat Heater Controls	RET		72%
2027	C_Other	Com - Custom cooling	NEW		48%
2027	C_Other	Com - Custom cooling	RET		61%
2027	C_Other	Com - Custom Lighting	NEW		74%
2027	C_Other	Com - Custom motors	NEW		48%
2027	C_Other	Com - Custom motors	RET		61%
2027	C_Other	Com - Direct Evaporative Pre-Cooling	NEW		20%
2027	C_Other	Com - Direct Evaporative Pre-Cooling	ROB		20%
2027	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		78%
2027	C_Other	Com - Exterior LED fixture	NEW		76%
2027	C_Other	Com - Exterior LED fixture	ROB		76%
2027	C_Other	Com - Exterior LED Lamp	NEW		82%
2027	C_Other	Com - Exterior LED Lamp	ROB		82%
2027	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		37%
2027	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		37%
2027	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		87%
2027	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		87%
2027	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		79%
2027	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		79%
2027	C_Other	Com - Interior Network Connected LED Fixtures	NEW		3%
2027	C_Other	Com - Interior Network Connected LED Fixtures	ROB		3%
2027	C_Other	Com - Interior Network Connected LED Lamps	NEW	1.989m	
2027	C_Other	Com - Interior Network Connected LED Lamps	ROB	1.989m	
2027	C_Other	Com - LED Refrigerated Case Lighting	NEW		28%
2027	C_Other	Com - LED Refrigerated Case Lighting	RET		98%
2027	C_Other	Com - Low-flow Faucet Aerator	NEW		73%
2027	C_Other	Com - Low-flow Faucet Aerator	RET		76%
2027	C_Other	Com - New Construction - Lighting Power Density	NEW		84%
2027	C_Other	Com - Packaged Terminal Air Conditioners	NEW		34%
2027	C_Other	Com - Packaged Terminal Air Conditioners	RET		59%
2027	C_Other	Com - Packaged Terminal Air Conditioners	ROB		34%
2027	C_Other	Com - Packaged Terminal Heat Pumps	NEW		34%
2027	C_Other	Com - Packaged Terminal Heat Pumps	RET		59%
2027	C_Other	Com - Packaged Terminal Heat Pumps	ROB		34%
2027	C_Other	Com - Pre-rinse Spray Valves	RET		63%
2027	C_Other	Com - Room Air Conditioners	NEW		39%
2027	C_Other	Com - Room Air Conditioners	RET		26%
2027	C_Other	Com - Room Air Conditioners	ROB		39%
2027	C_Other	Com - Water Source Heat Pump	NEW		16%
2027	C_Other	Com - Water Source Heat Pump	ROB		16%
2027	C_Other	Com - Zero-Energy Doors	RET		81%
2027	C_Restaurant	Com - Anti-Sweat Heater Controls	RET		83%
2027	C_Restaurant	Com - Custom cooling	NEW		48%
2027	C_Restaurant	Com - Custom cooling	RET		61%
2027	C_Restaurant	Com - Custom Lighting	NEW		74%
2027	C_Restaurant	Com - Custom motors	NEW		48%
2027	C_Restaurant	Com - Custom motors	RET		61%
2027	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		57%
2027	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW		20%
2027	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB		20%
2027	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		76%
2027	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW		76%
2027	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB		76%
2027	C_Restaurant	Com - Exterior LED fixture	NEW		96%
2027	C_Restaurant	Com - Exterior LED fixture	ROB		96%
2027	C_Restaurant	Com - Exterior LED Lamp	NEW		97%
2027	C_Restaurant	Com - Exterior LED Lamp	ROB		97%
2027	C_Restaurant	Com - Exterior Lighting Controls	RET		93%
2027	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW		47%
2027	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB		47%
2027	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		48%
2027	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		48%
2027	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		80%
2027	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		80%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	94%
2027	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2027	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2027	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	51.94u
2027	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	51.94u
2027	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	73%
2027	C_Restaurant	Com - Low-flow Faucet Aerator	RET	76%
2027	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_Restaurant	Com - Pre-rinse Spray Valves	RET	63%
2027	C_Restaurant	Com - Room Air Conditioners	NEW	22%
2027	C_Restaurant	Com - Room Air Conditioners	RET	52%
2027	C_Restaurant	Com - Room Air Conditioners	ROB	22%
2027	C_Restaurant	Com - Water Source Heat Pump	NEW	59%
2027	C_Restaurant	Com - Water Source Heat Pump	ROB	59%
2027	C_Restaurant	Com - Zero-Energy Doors	RET	70%
2027	C_Retail	Com - Anti-Sweat Heater Controls	RET	89%
2027	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	11%
2027	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	11%
2027	C_Retail	Com - Custom cooling	NEW	48%
2027	C_Retail	Com - Custom cooling	RET	61%
2027	C_Retail	Com - Custom Lighting	NEW	74%
2027	C_Retail	Com - Custom motors	NEW	48%
2027	C_Retail	Com - Custom motors	RET	61%
2027	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	20%
2027	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	20%
2027	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	60%
2027	C_Retail	Com - Exterior LED fixture	NEW	93%
2027	C_Retail	Com - Exterior LED fixture	ROB	93%
2027	C_Retail	Com - Exterior LED Lamp	NEW	95%
2027	C_Retail	Com - Exterior LED Lamp	ROB	95%
2027	C_Retail	Com - Exterior Lighting Controls	RET	62%
2027	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	9%
2027	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	9%
2027	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	48%
2027	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	48%
2027	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2027	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2027	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	45%
2027	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	75%
2027	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	75%
2027	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	1%
2027	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	1%
2027	C_Retail	Com - Interior Network Connected LED Lamps	NEW	673.2u
2027	C_Retail	Com - Interior Network Connected LED Lamps	ROB	673.2u
2027	C_Retail	Com - LED Refrigerated Case Lighting	RET	98%
2027	C_Retail	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	16%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	RET	52%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	16%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_Retail	Com - Room Air Conditioners	NEW	22%
2027	C_Retail	Com - Room Air Conditioners	RET	52%
2027	C_Retail	Com - Room Air Conditioners	ROB	22%
2027	C_Retail	Com - Water Source Heat Pump	NEW	16%
2027	C_Retail	Com - Water Source Heat Pump	ROB	16%
2027	C_Retail	Com - Zero-Energy Doors	RET	60%
2027	C_School	Com - Anti-Sweat Heater Controls	RET	83%
2027	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	46%
2027	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	46%
2027	C_School	Com - Custom cooling	NEW	48%
2027	C_School	Com - Custom cooling	RET	61%
2027	C_School	Com - Custom Lighting	NEW	74%
2027	C_School	Com - Custom motors	NEW	48%
2027	C_School	Com - Custom motors	RET	61%
2027	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2027	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	52%
2027	C_School	Com - Exterior LED fixture	NEW	30%
2027	C_School	Com - Exterior LED fixture	ROB	30%
2027	C_School	Com - Exterior LED Lamp	NEW	40%
2027	C_School	Com - Exterior LED Lamp	ROB	40%
2027	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2027	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2027	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2027	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2027	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	90%
2027	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	90%
2027	C_School	Com - Interior Network Connected LED Fixtures	NEW	2%
2027	C_School	Com - Interior Network Connected LED Fixtures	ROB	2%
2027	C_School	Com - Interior Network Connected LED Lamps	NEW	7.09m
2027	C_School	Com - Interior Network Connected LED Lamps	ROB	7.09m

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_School	Com - LED Refrigerated Case Lighting	NEW	48%
2027	C_School	Com - LED Refrigerated Case Lighting	RET	98%
2027	C_School	Com - Low-flow Faucet Aerator	NEW	73%
2027	C_School	Com - Low-flow Faucet Aerator	RET	76%
2027	C_School	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_School	Com - Packaged Terminal Air Conditioners	NEW	16%
2027	C_School	Com - Packaged Terminal Air Conditioners	RET	52%
2027	C_School	Com - Packaged Terminal Air Conditioners	ROB	16%
2027	C_School	Com - Packaged Terminal Heat Pumps	NEW	34%
2027	C_School	Com - Packaged Terminal Heat Pumps	RET	59%
2027	C_School	Com - Packaged Terminal Heat Pumps	ROB	34%
2027	C_School	Com - Pre-rinse Spray Valves	RET	63%
2027	C_School	Com - Room Air Conditioners	NEW	22%
2027	C_School	Com - Room Air Conditioners	RET	3%
2027	C_School	Com - Room Air Conditioners	ROB	22%
2027	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	79%
2027	C_Warehouse	Com - Custom cooling	NEW	48%
2027	C_Warehouse	Com - Custom cooling	RET	61%
2027	C_Warehouse	Com - Custom Lighting	NEW	74%
2027	C_Warehouse	Com - Custom motors	NEW	48%
2027	C_Warehouse	Com - Custom motors	RET	61%
2027	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	52%
2027	C_Warehouse	Com - Exterior LED fixture	NEW	93%
2027	C_Warehouse	Com - Exterior LED fixture	ROB	93%
2027	C_Warehouse	Com - Exterior LED Lamp	NEW	95%
2027	C_Warehouse	Com - Exterior LED Lamp	ROB	95%
2027	C_Warehouse	Com - Exterior Lighting Controls	RET	63%
2027	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	25%
2027	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	25%
2027	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	69%
2027	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	69%
2027	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	58%
2027	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2027	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2027	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	84%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	34%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	59%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	34%
2027	C_Warehouse	Com - Room Air Conditioners	NEW	39%
2027	C_Warehouse	Com - Room Air Conditioners	RET	54%
2027	C_Warehouse	Com - Room Air Conditioners	ROB	39%
2027	C_Warehouse	Com - Water Source Heat Pump	NEW	16%
2027	C_Warehouse	Com - Water Source Heat Pump	ROB	16%
2027	C_Warehouse	Com - Zero-Energy Doors	RET	47%
2027	I_Agriculture	Ind - Air Compressor Optimization	RET	59%
2027	I_Agriculture	Ind - Dew Point Controls	RET	52%
2027	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	74%
2027	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	74%
2027	I_Agriculture	Ind - Mist Eliminators	RET	52%
2027	I_Agriculture	Ind - No Air Loss Drain	RET	52%
2027	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	97%
2027	I_Manufacturing	Ind - Air Compressor Optimization	RET	59%
2027	I_Manufacturing	Ind - Dew Point Controls	RET	52%
2027	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	77%
2027	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	77%
2027	I_Manufacturing	Ind - Mist Eliminators	RET	52%
2027	I_Manufacturing	Ind - No Air Loss Drain	RET	52%
2027	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	97%
2027	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	84%
2027	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	84%
2027	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2027	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2027	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	82%
2027	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	82%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	24%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	24%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	24%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	24%
2027	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2027	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.86E-23
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.86E-23
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	90%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	73%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	72%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	73%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	93%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	93%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2027	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2027	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2027	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	81%
2027	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	93%
2027	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	93%
2027	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	94%
2027	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	76%
2027	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	76%
2027	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2027	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2027	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	90%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	84%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	84%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	84%
2027	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2027	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	16%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	16%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	16%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	35%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	35%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	35%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	35%
2027	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	6%
2027	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	6%
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.27E-23
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.27E-23
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	36%
2027	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	36%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	99%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2027	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	91%
2027	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	96%
2027	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	94%
2027	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	94%
2027	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	89%
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	79%
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	79%
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	79%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2027	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	89%
2027	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	89%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	84%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	84%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	84%
2027	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2027	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	20%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	20%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	20%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	98%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	15%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	15%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	15%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	15%
2027	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2027	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.13E-23
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.13E-23

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	42%
2027	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	42%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	31%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	27%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	31%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	93%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	93%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	93%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2027	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	78%
2027	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	87%
2027	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	80%
2027	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	83%
2027	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	89%
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	75%
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	75%
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	75%
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	1.66E-17
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	49.18f
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	19.06u
2027	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	89%
2027	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	89%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	85%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	85%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	85%
2027	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2027	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2027	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	83%
2027	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	83%
2027	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	83%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	44%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	44%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	44%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	44%
2027	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	9%
2027	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	9%
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	91%
2027	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	91%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	56%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	56%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	56%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	56%
2027	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2027	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2027	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2027	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	87%
2027	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	95%
2027	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	90%
2027	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	92%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	66%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	66%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	66%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2027	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	90%
2027	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	90%
2027	R_Single Family Low Incor	Res - Ceiling Insulation - Space Heating - EH + EC	RET	84%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	84%
2027	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	84%
2027	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2027	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	83%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	83%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	83%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	29%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	29%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2027	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	24%
2027	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	24%
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.60E-23
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.60E-23
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	91%
2027	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	91%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	57%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	55%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	57%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	94%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	94%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	94%
2027	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	77%
2027	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	86%
2027	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	79%
2027	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	83%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	71%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	71%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	71%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2027	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	90%
2027	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	90%
2028	C_College	Com - Anti-Sweat Heater Controls	RET	83%
2028	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	47%
2028	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	47%
2028	C_College	Com - Custom cooling	NEW	48%
2028	C_College	Com - Custom cooling	RET	62%
2028	C_College	Com - Custom Lighting	NEW	75%
2028	C_College	Com - Custom motors	NEW	48%
2028	C_College	Com - Custom motors	RET	62%
2028	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_College	Com - Direct Evaporative Pre-Cooling	NEW	22%
2028	C_College	Com - Direct Evaporative Pre-Cooling	ROB	22%
2028	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2028	C_College	Com - Exterior LED fixture	NEW	78%
2028	C_College	Com - Exterior LED fixture	ROB	78%
2028	C_College	Com - Exterior LED Lamp	NEW	84%
2028	C_College	Com - Exterior LED Lamp	ROB	84%
2028	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2028	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2028	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2028	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2028	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2028	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2028	C_College	Com - Interior Network Connected LED Fixtures	NEW	2%
2028	C_College	Com - Interior Network Connected LED Fixtures	ROB	2%
2028	C_College	Com - Interior Network Connected LED Lamps	NEW	4.987m
2028	C_College	Com - Interior Network Connected LED Lamps	ROB	4.987m
2028	C_College	Com - LED Refrigerated Case Lighting	NEW	45%
2028	C_College	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_College	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_College	Com - Packaged Terminal Air Conditioners	NEW	19%
2028	C_College	Com - Packaged Terminal Air Conditioners	RET	53%
2028	C_College	Com - Packaged Terminal Air Conditioners	ROB	19%
2028	C_College	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_College	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_College	Com - Packaged Terminal Heat Pumps	ROB	36%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_College	Com - Room Air Conditioners	NEW	26%
2028	C_College	Com - Room Air Conditioners	RET	47%
2028	C_College	Com - Room Air Conditioners	ROB	26%
2028	C_College	Com - Water Source Heat Pump	NEW	24%
2028	C_College	Com - Water Source Heat Pump	ROB	24%
2028	C_Grocery	Com - Anti-Sweat Heater Controls	RET	83%
2028	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	49%
2028	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	49%
2028	C_Grocery	Com - Custom cooling	NEW	48%
2028	C_Grocery	Com - Custom cooling	RET	62%
2028	C_Grocery	Com - Custom Lighting	NEW	75%
2028	C_Grocery	Com - Custom motors	NEW	48%
2028	C_Grocery	Com - Custom motors	RET	62%
2028	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	68%
2028	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	77%
2028	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	77%
2028	C_Grocery	Com - Exterior LED fixture	NEW	99%
2028	C_Grocery	Com - Exterior LED fixture	ROB	99%
2028	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2028	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2028	C_Grocery	Com - Exterior Lighting Controls	RET	65%
2028	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	40%
2028	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	40%
2028	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2028	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2028	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	65%
2028	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	89%
2028	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	89%
2028	C_Grocery	Com - LED Refrigerated Case Lighting	RET	28%
2028	C_Grocery	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Grocery	Com - Pre-rinse Spray Valves	RET	64%
2028	C_Grocery	Com - Room Air Conditioners	NEW	42%
2028	C_Grocery	Com - Room Air Conditioners	RET	39%
2028	C_Grocery	Com - Room Air Conditioners	ROB	42%
2028	C_Grocery	Com - Water Source Heat Pump	NEW	15%
2028	C_Grocery	Com - Water Source Heat Pump	ROB	15%
2028	C_Grocery	Com - Zero-Energy Doors	RET	53%
2028	C_Health	Com - Anti-Sweat Heater Controls	RET	75%
2028	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	69%
2028	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	69%
2028	C_Health	Com - Custom cooling	NEW	48%
2028	C_Health	Com - Custom cooling	RET	62%
2028	C_Health	Com - Custom Lighting	NEW	75%
2028	C_Health	Com - Custom motors	NEW	48%
2028	C_Health	Com - Custom motors	RET	62%
2028	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	55%
2028	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	77%
2028	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	77%
2028	C_Health	Com - Exterior LED fixture	NEW	78%
2028	C_Health	Com - Exterior LED fixture	ROB	78%
2028	C_Health	Com - Exterior LED Lamp	NEW	84%
2028	C_Health	Com - Exterior LED Lamp	ROB	84%
2028	C_Health	Com - Exterior Lighting Controls	RET	93%
2028	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	27%
2028	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	27%
2028	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2028	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2028	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	92%
2028	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2028	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2028	C_Health	Com - Interior Network Connected LED Fixtures	NEW	3%
2028	C_Health	Com - Interior Network Connected LED Fixtures	ROB	3%
2028	C_Health	Com - Interior Network Connected LED Lamps	NEW	157u
2028	C_Health	Com - Interior Network Connected LED Lamps	ROB	157u
2028	C_Health	Com - LED Refrigerated Case Lighting	RET	29%
2028	C_Health	Com - Low-flow Faucet Aerator	NEW	73%
2028	C_Health	Com - Low-flow Faucet Aerator	RET	76%
2028	C_Health	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Health	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Health	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Health	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Health	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Health	Com - Packaged Terminal Heat Pumps	RET	60%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Health	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Health	Com - Pre-rinse Spray Valves	RET	64%
2028	C_Health	Com - Room Air Conditioners	NEW	42%
2028	C_Health	Com - Room Air Conditioners	RET	55%
2028	C_Health	Com - Room Air Conditioners	ROB	42%
2028	C_Health	Com - Water Source Heat Pump	NEW	53%
2028	C_Health	Com - Water Source Heat Pump	ROB	53%
2028	C_Health	Com - Zero-Energy Doors	RET	47%
2028	C_Lodging	Com - Anti-Sweat Heater Controls	RET	81%
2028	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	69%
2028	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	69%
2028	C_Lodging	Com - Custom cooling	NEW	48%
2028	C_Lodging	Com - Custom cooling	RET	62%
2028	C_Lodging	Com - Custom Lighting	NEW	75%
2028	C_Lodging	Com - Custom motors	NEW	48%
2028	C_Lodging	Com - Custom motors	RET	62%
2028	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	63%
2028	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	77%
2028	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	77%
2028	C_Lodging	Com - Exterior LED fixture	NEW	88%
2028	C_Lodging	Com - Exterior LED fixture	ROB	88%
2028	C_Lodging	Com - Exterior LED Lamp	NEW	92%
2028	C_Lodging	Com - Exterior LED Lamp	ROB	92%
2028	C_Lodging	Com - Guest Room Energy Management	RET	61%
2028	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	44%
2028	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	44%
2028	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	66%
2028	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	66%
2028	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2028	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2028	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	45%
2028	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	45%
2028	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2028	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2028	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	3%
2028	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	3%
2028	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	1%
2028	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	1%
2028	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	50%
2028	C_Lodging	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_Lodging	Com - Low-flow Faucet Aerator	NEW	73%
2028	C_Lodging	Com - Low-flow Faucet Aerator	RET	76%
2028	C_Lodging	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Lodging	Com - Pre-rinse Spray Valves	RET	64%
2028	C_Lodging	Com - Room Air Conditioners	NEW	42%
2028	C_Lodging	Com - Room Air Conditioners	RET	60%
2028	C_Lodging	Com - Room Air Conditioners	ROB	42%
2028	C_Lodging	Com - Water Source Heat Pump	NEW	54%
2028	C_Lodging	Com - Water Source Heat Pump	ROB	54%
2028	C_Lodging	Com - Zero-Energy Doors	RET	61%
2028	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	42%
2028	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	62%
2028	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	62%
2028	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	42%
2028	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	62%
2028	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	76%
2028	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	59%
2028	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	53%
2028	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	78%
2028	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	78%
2028	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	53%
2028	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	53%
2028	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	99%
2028	C_Office	Com - Anti-Sweat Heater Controls	RET	80%
2028	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	42%
2028	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	42%
2028	C_Office	Com - Custom cooling	NEW	48%
2028	C_Office	Com - Custom cooling	RET	62%
2028	C_Office	Com - Custom Lighting	NEW	75%
2028	C_Office	Com - Custom motors	NEW	48%
2028	C_Office	Com - Custom motors	RET	62%
2028	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	58%
2028	C_Office	Com - Exterior LED fixture	NEW	69%
2028	C_Office	Com - Exterior LED fixture	ROB	69%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Office	Com - Exterior LED Lamp	NEW	77%
2028	C_Office	Com - Exterior LED Lamp	ROB	77%
2028	C_Office	Com - High Efficiency Central Heat Pump System	NEW	1%
2028	C_Office	Com - High Efficiency Central Heat Pump System	ROB	1%
2028	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	55%
2028	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	55%
2028	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2028	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2028	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2028	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2028	C_Office	Com - Interior Network Connected LED Fixtures	NEW	2%
2028	C_Office	Com - Interior Network Connected LED Fixtures	ROB	2%
2028	C_Office	Com - Interior Network Connected LED Lamps	NEW	3.56m
2028	C_Office	Com - Interior Network Connected LED Lamps	ROB	3.56m
2028	C_Office	Com - LED Refrigerated Case Lighting	NEW	32%
2028	C_Office	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_Office	Com - Low-flow Faucet Aerator	RET	90%
2028	C_Office	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Office	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Office	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Office	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Office	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Office	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Office	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Office	Com - Room Air Conditioners	NEW	42%
2028	C_Office	Com - Room Air Conditioners	RET	55%
2028	C_Office	Com - Room Air Conditioners	ROB	42%
2028	C_Office	Com - Water Source Heat Pump	NEW	19%
2028	C_Office	Com - Water Source Heat Pump	ROB	19%
2028	C_Office	Com - Zero-Energy Doors	RET	54%
2028	C_Other	Com - Anti-Sweat Heater Controls	RET	73%
2028	C_Other	Com - Custom cooling	NEW	48%
2028	C_Other	Com - Custom cooling	RET	62%
2028	C_Other	Com - Custom Lighting	NEW	75%
2028	C_Other	Com - Custom motors	NEW	48%
2028	C_Other	Com - Custom motors	RET	62%
2028	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	78%
2028	C_Other	Com - Exterior LED fixture	NEW	78%
2028	C_Other	Com - Exterior LED fixture	ROB	78%
2028	C_Other	Com - Exterior LED Lamp	NEW	84%
2028	C_Other	Com - Exterior LED Lamp	ROB	84%
2028	C_Other	Com - Exterior Lighting Controls	RET	43%
2028	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2028	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2028	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	88%
2028	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	88%
2028	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	41%
2028	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2028	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%
2028	C_Other	Com - Interior Network Connected LED Fixtures	NEW	4%
2028	C_Other	Com - Interior Network Connected LED Fixtures	ROB	4%
2028	C_Other	Com - Interior Network Connected LED Lamps	NEW	2.291m
2028	C_Other	Com - Interior Network Connected LED Lamps	ROB	2.291m
2028	C_Other	Com - LED Refrigerated Case Lighting	NEW	32%
2028	C_Other	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_Other	Com - Low-flow Faucet Aerator	NEW	73%
2028	C_Other	Com - Low-flow Faucet Aerator	RET	76%
2028	C_Other	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Other	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Other	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Other	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Other	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Other	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Other	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Other	Com - Pre-rinse Spray Valves	RET	64%
2028	C_Other	Com - Room Air Conditioners	NEW	42%
2028	C_Other	Com - Room Air Conditioners	RET	26%
2028	C_Other	Com - Room Air Conditioners	ROB	42%
2028	C_Other	Com - Water Source Heat Pump	NEW	19%
2028	C_Other	Com - Water Source Heat Pump	ROB	19%
2028	C_Other	Com - Zero-Energy Doors	RET	81%
2028	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	83%
2028	C_Restaurant	Com - Custom cooling	NEW	48%
2028	C_Restaurant	Com - Custom cooling	RET	62%
2028	C_Restaurant	Com - Custom Lighting	NEW	75%
2028	C_Restaurant	Com - Custom motors	NEW	48%
2028	C_Restaurant	Com - Custom motors	RET	62%
2028	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	77%
2028	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	77%
2028	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	77%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Restaurant	Com - Exterior LED fixture	NEW	96%
2028	C_Restaurant	Com - Exterior LED fixture	ROB	96%
2028	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2028	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2028	C_Restaurant	Com - Exterior Lighting Controls	RET	94%
2028	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	49%
2028	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	49%
2028	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	50%
2028	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	50%
2028	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2028	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2028	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	95%
2028	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	88%
2028	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	88%
2028	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	2%
2028	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	2%
2028	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	64.22u
2028	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	64.22u
2028	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	28%
2028	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	73%
2028	C_Restaurant	Com - Low-flow Faucet Aerator	RET	76%
2028	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Restaurant	Com - Pre-rinse Spray Valves	RET	64%
2028	C_Restaurant	Com - Room Air Conditioners	NEW	26%
2028	C_Restaurant	Com - Room Air Conditioners	RET	53%
2028	C_Restaurant	Com - Room Air Conditioners	ROB	26%
2028	C_Restaurant	Com - Water Source Heat Pump	NEW	60%
2028	C_Restaurant	Com - Water Source Heat Pump	ROB	60%
2028	C_Restaurant	Com - Zero-Energy Doors	RET	70%
2028	C_Retail	Com - Anti-Sweat Heater Controls	RET	89%
2028	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	14%
2028	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	14%
2028	C_Retail	Com - Custom cooling	NEW	48%
2028	C_Retail	Com - Custom cooling	RET	62%
2028	C_Retail	Com - Custom Lighting	NEW	75%
2028	C_Retail	Com - Custom motors	NEW	48%
2028	C_Retail	Com - Custom motors	RET	62%
2028	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	23%
2028	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	23%
2028	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2028	C_Retail	Com - Exterior LED fixture	NEW	93%
2028	C_Retail	Com - Exterior LED fixture	ROB	93%
2028	C_Retail	Com - Exterior LED Lamp	NEW	95%
2028	C_Retail	Com - Exterior LED Lamp	ROB	95%
2028	C_Retail	Com - Exterior Lighting Controls	RET	63%
2028	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	12%
2028	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	12%
2028	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	49%
2028	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	49%
2028	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2028	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2028	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	46%
2028	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2028	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2028	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	2%
2028	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	2%
2028	C_Retail	Com - Interior Network Connected LED Lamps	NEW	780u
2028	C_Retail	Com - Interior Network Connected LED Lamps	ROB	780u
2028	C_Retail	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_Retail	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	19%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	RET	53%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	19%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_Retail	Com - Room Air Conditioners	NEW	26%
2028	C_Retail	Com - Room Air Conditioners	RET	53%
2028	C_Retail	Com - Room Air Conditioners	ROB	26%
2028	C_Retail	Com - Water Source Heat Pump	NEW	19%
2028	C_Retail	Com - Water Source Heat Pump	ROB	19%
2028	C_Retail	Com - Zero-Energy Doors	RET	60%
2028	C_School	Com - Anti-Sweat Heater Controls	RET	83%
2028	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	47%
2028	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	47%
2028	C_School	Com - Custom cooling	NEW	48%
2028	C_School	Com - Custom cooling	RET	62%
2028	C_School	Com - Custom Lighting	NEW	75%
2028	C_School	Com - Custom motors	NEW	48%
2028	C_School	Com - Custom motors	RET	62%
2028	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	57%
2028	C_School	Com - Direct Evaporative Pre-Cooling	NEW	5%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_School	Com - Direct Evaporative Pre-Cooling	ROB	5%
2028	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2028	C_School	Com - Exterior LED fixture	NEW	36%
2028	C_School	Com - Exterior LED fixture	ROB	36%
2028	C_School	Com - Exterior LED Lamp	NEW	48%
2028	C_School	Com - Exterior LED Lamp	ROB	48%
2028	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	53%
2028	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	53%
2028	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2028	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2028	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	91%
2028	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	91%
2028	C_School	Com - Interior Network Connected LED Fixtures	NEW	2%
2028	C_School	Com - Interior Network Connected LED Fixtures	ROB	2%
2028	C_School	Com - Interior Network Connected LED Lamps	NEW	8.185m
2028	C_School	Com - Interior Network Connected LED Lamps	ROB	8.185m
2028	C_School	Com - LED Refrigerated Case Lighting	NEW	50%
2028	C_School	Com - LED Refrigerated Case Lighting	RET	99%
2028	C_School	Com - Low-flow Faucet Aerator	NEW	73%
2028	C_School	Com - Low-flow Faucet Aerator	RET	76%
2028	C_School	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_School	Com - Packaged Terminal Air Conditioners	NEW	19%
2028	C_School	Com - Packaged Terminal Air Conditioners	RET	53%
2028	C_School	Com - Packaged Terminal Air Conditioners	ROB	19%
2028	C_School	Com - Packaged Terminal Heat Pumps	NEW	36%
2028	C_School	Com - Packaged Terminal Heat Pumps	RET	60%
2028	C_School	Com - Packaged Terminal Heat Pumps	ROB	36%
2028	C_School	Com - Pre-rinse Spray Valves	RET	64%
2028	C_School	Com - Room Air Conditioners	NEW	26%
2028	C_School	Com - Room Air Conditioners	RET	3%
2028	C_School	Com - Room Air Conditioners	ROB	26%
2028	C_School	Com - Water Source Heat Pump	NEW	4%
2028	C_School	Com - Water Source Heat Pump	ROB	4%
2028	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	80%
2028	C_Warehouse	Com - Custom cooling	NEW	48%
2028	C_Warehouse	Com - Custom cooling	RET	62%
2028	C_Warehouse	Com - Custom Lighting	NEW	75%
2028	C_Warehouse	Com - Custom motors	NEW	48%
2028	C_Warehouse	Com - Custom motors	RET	62%
2028	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2028	C_Warehouse	Com - Exterior LED fixture	NEW	94%
2028	C_Warehouse	Com - Exterior LED fixture	ROB	94%
2028	C_Warehouse	Com - Exterior LED Lamp	NEW	96%
2028	C_Warehouse	Com - Exterior LED Lamp	ROB	96%
2028	C_Warehouse	Com - Exterior Lighting Controls	RET	64%
2028	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	27%
2028	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	27%
2028	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	70%
2028	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	70%
2028	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	59%
2028	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2028	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2028	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	28%
2028	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	85%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	36%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	60%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	36%
2028	C_Warehouse	Com - Room Air Conditioners	NEW	42%
2028	C_Warehouse	Com - Room Air Conditioners	RET	55%
2028	C_Warehouse	Com - Room Air Conditioners	ROB	42%
2028	C_Warehouse	Com - Water Source Heat Pump	NEW	19%
2028	C_Warehouse	Com - Water Source Heat Pump	ROB	19%
2028	C_Warehouse	Com - Zero-Energy Doors	RET	48%
2028	I_Agriculture	Ind - Air Compressor Optimization	RET	59%
2028	I_Agriculture	Ind - Dew Point Controls	RET	53%
2028	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	75%
2028	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	75%
2028	I_Agriculture	Ind - Mist Eliminators	RET	53%
2028	I_Agriculture	Ind - No Air Loss Drain	RET	53%
2028	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	99%
2028	I_Manufacturing	Ind - Air Compressor Optimization	RET	59%
2028	I_Manufacturing	Ind - Dew Point Controls	RET	53%
2028	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	78%
2028	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	78%
2028	I_Manufacturing	Ind - Mist Eliminators	RET	53%
2028	I_Manufacturing	Ind - No Air Loss Drain	RET	53%
2028	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	99%
2028	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	87%
2028	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	87%
2028	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2028	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2028	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	86%
2028	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	86%
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	85%
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	85%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	28%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	28%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	28%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	28%
2028	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2028	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.58E-23
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.58E-23
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	92%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	75%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	72%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	75%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2028	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	100%
2028	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	100%
2028	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	84%
2028	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	93%
2028	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	94%
2028	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2028	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	79%
2028	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	79%
2028	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2028	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2028	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2028	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	87%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	87%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	87%
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	17%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	17%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	17%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	85%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	85%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	38%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	38%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	38%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	38%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	8%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	8%
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.07E-23
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.07E-23
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	37%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	68%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	99%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	93%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	97%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	94%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2028	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	83%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	83%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	83%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2028	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	123.9u

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	90%
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	90%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	87%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	87%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	87%
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	20%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	20%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	20%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	85%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	85%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	98%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	20%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	20%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	20%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	20%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	22%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	22%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	1.84E-23
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	1.84E-23
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	42%
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	42%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	35%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	28%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	35%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	81%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	88%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	81%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2028	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	80%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	80%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	80%
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	1.80E-17
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	53.5f
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	21.05u
2028	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	12%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	90%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	90%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	88%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	88%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	88%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	87%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	87%
2028	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	87%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	85%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	85%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	47%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	47%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	47%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	47%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	93%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	93%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	73%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	70%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	73%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	58%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	58%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	58%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	58%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	58%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	58%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2028	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	90%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	96%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	91%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	93%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	68%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	68%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	68%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2028	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	6%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	87%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	87%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	87%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	87%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	87%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	87%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	85%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	85%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	33%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	33%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	33%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	33%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	26%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	26%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.21E-23
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.21E-23
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	93%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	93%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	60%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	56%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	60%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	95%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	80%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	87%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	81%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	75%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	75%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	75%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	1%
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2029	C_College	Com - Anti-Sweat Heater Controls	RET	83%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	49%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	49%
2029	C_College	Com - Custom cooling	NEW	49%
2029	C_College	Com - Custom cooling	RET	62%
2029	C_College	Com - Custom Lighting	NEW	76%
2029	C_College	Com - Custom motors	NEW	49%
2029	C_College	Com - Custom motors	RET	62%
2029	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_College	Com - Direct Evaporative Pre-Cooling	NEW	24%
2029	C_College	Com - Direct Evaporative Pre-Cooling	ROB	24%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2029	C_College	Com - Exterior LED fixture	NEW	80%
2029	C_College	Com - Exterior LED fixture	ROB	80%
2029	C_College	Com - Exterior LED Lamp	NEW	86%
2029	C_College	Com - Exterior LED Lamp	ROB	86%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	53%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	53%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	87%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	87%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2029	C_College	Com - Interior Network Connected LED Fixtures	NEW	3%
2029	C_College	Com - Interior Network Connected LED Fixtures	ROB	3%
2029	C_College	Com - Interior Network Connected LED Lamps	NEW	5.627m
2029	C_College	Com - Interior Network Connected LED Lamps	ROB	5.627m
2029	C_College	Com - LED Refrigerated Case Lighting	NEW	48%
2029	C_College	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_College	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_College	Com - Packaged Terminal Air Conditioners	NEW	22%
2029	C_College	Com - Packaged Terminal Air Conditioners	RET	53%
2029	C_College	Com - Packaged Terminal Air Conditioners	ROB	22%
2029	C_College	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_College	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_College	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_College	Com - Room Air Conditioners	NEW	30%
2029	C_College	Com - Room Air Conditioners	RET	47%
2029	C_College	Com - Room Air Conditioners	ROB	30%
2029	C_College	Com - RTU with Demand Control	RET	1.258m
2029	C_College	Com - Water Source Heat Pump	NEW	26%
2029	C_College	Com - Water Source Heat Pump	ROB	26%
2029	C_Grocery	Com - Anti-Sweat Heater Controls	RET	83%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	50%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	50%
2029	C_Grocery	Com - Custom cooling	NEW	49%
2029	C_Grocery	Com - Custom cooling	RET	62%
2029	C_Grocery	Com - Custom Lighting	NEW	76%
2029	C_Grocery	Com - Custom motors	NEW	49%
2029	C_Grocery	Com - Custom motors	RET	62%
2029	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	68%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	78%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	78%
2029	C_Grocery	Com - Exterior LED fixture	NEW	99%
2029	C_Grocery	Com - Exterior LED fixture	ROB	99%
2029	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2029	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2029	C_Grocery	Com - Exterior Lighting Controls	RET	65%
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2029	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	65%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	90%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	90%
2029	C_Grocery	Com - LED Refrigerated Case Lighting	RET	29%
2029	C_Grocery	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Grocery	Com - Pre-rinse Spray Valves	RET	64%
2029	C_Grocery	Com - Room Air Conditioners	NEW	45%
2029	C_Grocery	Com - Room Air Conditioners	RET	39%
2029	C_Grocery	Com - Room Air Conditioners	ROB	45%
2029	C_Grocery	Com - RTU with Demand Control	RET	1.258m
2029	C_Grocery	Com - Water Source Heat Pump	NEW	18%
2029	C_Grocery	Com - Water Source Heat Pump	ROB	18%
2029	C_Grocery	Com - Zero-Energy Doors	RET	53%
2029	C_Health	Com - Anti-Sweat Heater Controls	RET	75%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	70%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	70%
2029	C_Health	Com - Custom cooling	NEW	49%
2029	C_Health	Com - Custom cooling	RET	62%
2029	C_Health	Com - Custom Lighting	NEW	76%
2029	C_Health	Com - Custom motors	NEW	49%
2029	C_Health	Com - Custom motors	RET	62%
2029	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	56%
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	78%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	78%
2029	C_Health	Com - Exterior LED fixture	NEW	80%
2029	C_Health	Com - Exterior LED fixture	ROB	80%
2029	C_Health	Com - Exterior LED Lamp	NEW	86%
2029	C_Health	Com - Exterior LED Lamp	ROB	86%
2029	C_Health	Com - Exterior Lighting Controls	RET	93%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	29%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	29%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2029	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	93%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2029	C_Health	Com - Interior Network Connected LED Fixtures	NEW	4%
2029	C_Health	Com - Interior Network Connected LED Fixtures	ROB	4%
2029	C_Health	Com - Interior Network Connected LED Lamps	NEW	197.1u
2029	C_Health	Com - Interior Network Connected LED Lamps	ROB	197.1u
2029	C_Health	Com - LED Refrigerated Case Lighting	RET	30%
2029	C_Health	Com - Low-flow Faucet Aerator	NEW	73%
2029	C_Health	Com - Low-flow Faucet Aerator	RET	76%
2029	C_Health	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Health	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Health	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Health	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Health	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Health	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Health	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Health	Com - Pre-rinse Spray Valves	RET	64%
2029	C_Health	Com - Room Air Conditioners	NEW	45%
2029	C_Health	Com - Room Air Conditioners	RET	55%
2029	C_Health	Com - Room Air Conditioners	ROB	45%
2029	C_Health	Com - RTU with Demand Control	RET	1.258m
2029	C_Health	Com - Water Source Heat Pump	NEW	55%
2029	C_Health	Com - Water Source Heat Pump	ROB	55%
2029	C_Health	Com - Zero-Energy Doors	RET	47%
2029	C_Lodging	Com - Anti-Sweat Heater Controls	RET	81%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	70%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	70%
2029	C_Lodging	Com - Custom cooling	NEW	49%
2029	C_Lodging	Com - Custom cooling	RET	62%
2029	C_Lodging	Com - Custom Lighting	NEW	76%
2029	C_Lodging	Com - Custom motors	NEW	49%
2029	C_Lodging	Com - Custom motors	RET	62%
2029	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	64%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	78%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	78%
2029	C_Lodging	Com - Exterior LED fixture	NEW	89%
2029	C_Lodging	Com - Exterior LED fixture	ROB	89%
2029	C_Lodging	Com - Exterior LED Lamp	NEW	93%
2029	C_Lodging	Com - Exterior LED Lamp	ROB	93%
2029	C_Lodging	Com - Guest Room Energy Management	RET	61%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	47%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	47%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	67%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	67%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	49%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	49%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	3%
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	3%
2029	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	1%
2029	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	1%
2029	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	52%
2029	C_Lodging	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_Lodging	Com - Low-flow Faucet Aerator	NEW	73%
2029	C_Lodging	Com - Low-flow Faucet Aerator	RET	76%
2029	C_Lodging	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Lodging	Com - Pre-rinse Spray Valves	RET	64%
2029	C_Lodging	Com - Room Air Conditioners	NEW	45%
2029	C_Lodging	Com - Room Air Conditioners	RET	60%
2029	C_Lodging	Com - Room Air Conditioners	ROB	45%
2029	C_Lodging	Com - RTU with Demand Control	RET	1.258m
2029	C_Lodging	Com - Water Source Heat Pump	NEW	55%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Lodging	Com - Water Source Heat Pump	ROB	55%
2029	C_Lodging	Com - Zero-Energy Doors	RET	62%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	42%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	62%
2029	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	63%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	42%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	62%
2029	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	77%
2029	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	60%
2029	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	53%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	80%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	80%
2029	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	53%
2029	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	53%
2029	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2029	C_Office	Com - Anti-Sweat Heater Controls	RET	80%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	44%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	44%
2029	C_Office	Com - Custom cooling	NEW	49%
2029	C_Office	Com - Custom cooling	RET	62%
2029	C_Office	Com - Custom Lighting	NEW	76%
2029	C_Office	Com - Custom motors	NEW	49%
2029	C_Office	Com - Custom motors	RET	62%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	59%
2029	C_Office	Com - Exterior LED fixture	NEW	71%
2029	C_Office	Com - Exterior LED fixture	ROB	71%
2029	C_Office	Com - Exterior LED Lamp	NEW	80%
2029	C_Office	Com - Exterior LED Lamp	ROB	80%
2029	C_Office	Com - High Efficiency Central Heat Pump System	NEW	5%
2029	C_Office	Com - High Efficiency Central Heat Pump System	ROB	5%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	56%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	56%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2029	C_Office	Com - Interior Network Connected LED Fixtures	NEW	2%
2029	C_Office	Com - Interior Network Connected LED Fixtures	ROB	2%
2029	C_Office	Com - Interior Network Connected LED Lamps	NEW	3.987m
2029	C_Office	Com - Interior Network Connected LED Lamps	ROB	3.987m
2029	C_Office	Com - LED Refrigerated Case Lighting	NEW	35%
2029	C_Office	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_Office	Com - Low-flow Faucet Aerator	RET	90%
2029	C_Office	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Office	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Office	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Office	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Office	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Office	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Office	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Office	Com - Room Air Conditioners	NEW	45%
2029	C_Office	Com - Room Air Conditioners	RET	55%
2029	C_Office	Com - Room Air Conditioners	ROB	45%
2029	C_Office	Com - RTU with Demand Control	RET	1.258m
2029	C_Office	Com - Water Source Heat Pump	NEW	22%
2029	C_Office	Com - Water Source Heat Pump	ROB	22%
2029	C_Office	Com - Zero-Energy Doors	RET	54%
2029	C_Other	Com - Anti-Sweat Heater Controls	RET	73%
2029	C_Other	Com - Custom cooling	NEW	49%
2029	C_Other	Com - Custom cooling	RET	62%
2029	C_Other	Com - Custom Lighting	NEW	76%
2029	C_Other	Com - Custom motors	NEW	49%
2029	C_Other	Com - Custom motors	RET	62%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	78%
2029	C_Other	Com - Exterior LED fixture	NEW	80%
2029	C_Other	Com - Exterior LED fixture	ROB	80%
2029	C_Other	Com - Exterior LED Lamp	NEW	86%
2029	C_Other	Com - Exterior LED Lamp	ROB	86%
2029	C_Other	Com - Exterior Lighting Controls	RET	43%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	88%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	88%
2029	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	41%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2029	C_Other	Com - Interior Network Connected LED Fixtures	NEW	5%
2029	C_Other	Com - Interior Network Connected LED Fixtures	ROB	5%
2029	C_Other	Com - Interior Network Connected LED Lamps	NEW	2.565m
2029	C_Other	Com - Interior Network Connected LED Lamps	ROB	2.565m
2029	C_Other	Com - LED Refrigerated Case Lighting	NEW	35%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Other	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_Other	Com - Low-flow Faucet Aerator	NEW	73%
2029	C_Other	Com - Low-flow Faucet Aerator	RET	76%
2029	C_Other	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Other	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Other	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Other	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Other	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Other	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Other	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Other	Com - Pre-rinse Spray Valves	RET	64%
2029	C_Other	Com - Room Air Conditioners	NEW	45%
2029	C_Other	Com - Room Air Conditioners	RET	27%
2029	C_Other	Com - Room Air Conditioners	ROB	45%
2029	C_Other	Com - RTU with Demand Control	RET	1.258m
2029	C_Other	Com - Water Source Heat Pump	NEW	23%
2029	C_Other	Com - Water Source Heat Pump	ROB	23%
2029	C_Other	Com - Zero-Energy Doors	RET	81%
2029	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	83%
2029	C_Restaurant	Com - Custom cooling	NEW	49%
2029	C_Restaurant	Com - Custom cooling	RET	62%
2029	C_Restaurant	Com - Custom Lighting	NEW	76%
2029	C_Restaurant	Com - Custom motors	NEW	49%
2029	C_Restaurant	Com - Custom motors	RET	62%
2029	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	77%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	78%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	78%
2029	C_Restaurant	Com - Exterior LED fixture	NEW	96%
2029	C_Restaurant	Com - Exterior LED fixture	ROB	96%
2029	C_Restaurant	Com - Exterior LED Lamp	NEW	98%
2029	C_Restaurant	Com - Exterior LED Lamp	ROB	98%
2029	C_Restaurant	Com - Exterior Lighting Controls	RET	95%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	51%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	51%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	51%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	51%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2029	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	95%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	89%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	89%
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	2%
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	2%
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	75.07u
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	75.07u
2029	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	29%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	73%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	RET	76%
2029	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Restaurant	Com - Pre-rinse Spray Valves	RET	64%
2029	C_Restaurant	Com - Room Air Conditioners	NEW	30%
2029	C_Restaurant	Com - Room Air Conditioners	RET	53%
2029	C_Restaurant	Com - Room Air Conditioners	ROB	30%
2029	C_Restaurant	Com - RTU with Demand Control	RET	1.258m
2029	C_Restaurant	Com - Water Source Heat Pump	NEW	62%
2029	C_Restaurant	Com - Water Source Heat Pump	ROB	62%
2029	C_Restaurant	Com - Zero-Energy Doors	RET	70%
2029	C_Retail	Com - Anti-Sweat Heater Controls	RET	89%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	17%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	17%
2029	C_Retail	Com - Custom cooling	NEW	49%
2029	C_Retail	Com - Custom cooling	RET	62%
2029	C_Retail	Com - Custom Lighting	NEW	76%
2029	C_Retail	Com - Custom motors	NEW	49%
2029	C_Retail	Com - Custom motors	RET	62%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	25%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	25%
2029	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2029	C_Retail	Com - Exterior LED fixture	NEW	94%
2029	C_Retail	Com - Exterior LED fixture	ROB	94%
2029	C_Retail	Com - Exterior LED Lamp	NEW	96%
2029	C_Retail	Com - Exterior LED Lamp	ROB	96%
2029	C_Retail	Com - Exterior Lighting Controls	RET	63%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	16%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	16%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	50%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	50%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2029	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	3%
2029	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	3%
2029	C_Retail	Com - Interior Network Connected LED Lamps	NEW	875.5u
2029	C_Retail	Com - Interior Network Connected LED Lamps	ROB	875.5u
2029	C_Retail	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_Retail	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	22%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	RET	53%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	22%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_Retail	Com - Room Air Conditioners	NEW	30%
2029	C_Retail	Com - Room Air Conditioners	RET	53%
2029	C_Retail	Com - Room Air Conditioners	ROB	30%
2029	C_Retail	Com - RTU with Demand Control	RET	67%
2029	C_Retail	Com - Water Source Heat Pump	NEW	22%
2029	C_Retail	Com - Water Source Heat Pump	ROB	22%
2029	C_Retail	Com - Zero-Energy Doors	RET	61%
2029	C_School	Com - Anti-Sweat Heater Controls	RET	83%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	49%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	49%
2029	C_School	Com - Custom cooling	NEW	49%
2029	C_School	Com - Custom cooling	RET	62%
2029	C_School	Com - Custom Lighting	NEW	76%
2029	C_School	Com - Custom motors	NEW	49%
2029	C_School	Com - Custom motors	RET	62%
2029	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2029	C_School	Com - Direct Evaporative Pre-Cooling	NEW	8%
2029	C_School	Com - Direct Evaporative Pre-Cooling	ROB	8%
2029	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2029	C_School	Com - Exterior LED fixture	NEW	41%
2029	C_School	Com - Exterior LED fixture	ROB	41%
2029	C_School	Com - Exterior LED Lamp	NEW	54%
2029	C_School	Com - Exterior LED Lamp	ROB	54%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	54%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	54%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	92%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	92%
2029	C_School	Com - Interior Network Connected LED Fixtures	NEW	3%
2029	C_School	Com - Interior Network Connected LED Fixtures	ROB	3%
2029	C_School	Com - Interior Network Connected LED Lamps	NEW	9.184m
2029	C_School	Com - Interior Network Connected LED Lamps	ROB	9.184m
2029	C_School	Com - LED Refrigerated Case Lighting	NEW	52%
2029	C_School	Com - LED Refrigerated Case Lighting	RET	100%
2029	C_School	Com - Low-flow Faucet Aerator	NEW	73%
2029	C_School	Com - Low-flow Faucet Aerator	RET	76%
2029	C_School	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_School	Com - Packaged Terminal Air Conditioners	NEW	22%
2029	C_School	Com - Packaged Terminal Air Conditioners	RET	53%
2029	C_School	Com - Packaged Terminal Air Conditioners	ROB	22%
2029	C_School	Com - Packaged Terminal Heat Pumps	NEW	38%
2029	C_School	Com - Packaged Terminal Heat Pumps	RET	60%
2029	C_School	Com - Packaged Terminal Heat Pumps	ROB	38%
2029	C_School	Com - Pre-rinse Spray Valves	RET	64%
2029	C_School	Com - Room Air Conditioners	NEW	30%
2029	C_School	Com - Room Air Conditioners	RET	4%
2029	C_School	Com - Room Air Conditioners	ROB	30%
2029	C_School	Com - RTU with Demand Control	RET	1.258m
2029	C_School	Com - Water Source Heat Pump	NEW	8%
2029	C_School	Com - Water Source Heat Pump	ROB	8%
2029	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	80%
2029	C_Warehouse	Com - Custom cooling	NEW	49%
2029	C_Warehouse	Com - Custom cooling	RET	62%
2029	C_Warehouse	Com - Custom Lighting	NEW	76%
2029	C_Warehouse	Com - Custom motors	NEW	49%
2029	C_Warehouse	Com - Custom motors	RET	62%
2029	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2029	C_Warehouse	Com - Exterior LED fixture	NEW	94%
2029	C_Warehouse	Com - Exterior LED fixture	ROB	94%
2029	C_Warehouse	Com - Exterior LED Lamp	NEW	96%
2029	C_Warehouse	Com - Exterior LED Lamp	ROB	96%
2029	C_Warehouse	Com - Exterior Lighting Controls	RET	65%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	29%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	29%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2029	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	59%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	29%
2029	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	86%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	38%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	60%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	38%
2029	C_Warehouse	Com - Room Air Conditioners	NEW	45%
2029	C_Warehouse	Com - Room Air Conditioners	RET	55%
2029	C_Warehouse	Com - Room Air Conditioners	ROB	45%
2029	C_Warehouse	Com - RTU with Demand Control	RET	1.258m
2029	C_Warehouse	Com - Water Source Heat Pump	NEW	22%
2029	C_Warehouse	Com - Water Source Heat Pump	ROB	22%
2029	C_Warehouse	Com - Zero-Energy Doors	RET	49%
2029	I_Agriculture	Ind - Air Compressor Optimization	RET	60%
2029	I_Agriculture	Ind - Dew Point Controls	RET	53%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	77%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	77%
2029	I_Agriculture	Ind - Mist Eliminators	RET	53%
2029	I_Agriculture	Ind - No Air Loss Drain	RET	53%
2029	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2029	I_Manufacturing	Ind - Air Compressor Optimization	RET	60%
2029	I_Manufacturing	Ind - Dew Point Controls	RET	53%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	80%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	80%
2029	I_Manufacturing	Ind - Mist Eliminators	RET	53%
2029	I_Manufacturing	Ind - No Air Loss Drain	RET	53%
2029	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	89%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	89%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	88%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	88%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	86%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	86%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	32%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	32%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	32%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	32%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	21%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	21%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.18E-23
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.18E-23
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	93%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	77%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	72%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	77%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	55%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	55%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	55%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	55%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	100%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	100%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	86%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	94%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	94%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	80%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	80%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2029	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2029	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	89%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	89%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	89%
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	86%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	86%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	41%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	41%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	41%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	41%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	10%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	10%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.74E-23
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.74E-23
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	37%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	73%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	68%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	73%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	55%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	55%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	55%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	55%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	55%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	55%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	99%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	93%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	97%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	95%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2029	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	85%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	85%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	85%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2029	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	2.074m
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	89%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	89%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	89%
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	21%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	21%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	21%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	86%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	86%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	98%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	24%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	24%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	24%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	24%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	24%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	24%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.43E-23
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.43E-23
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	42%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	42%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	40%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	28%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	40%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	54%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	54%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	82%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	88%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	81%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2029	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	83%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	83%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	83%
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	1.81E-17
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	54.23f

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	21.8u
2029	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	12%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	90%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	89%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	89%
2029	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	89%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	86%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	86%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	50%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	50%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	50%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	50%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	94%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	94%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	75%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	70%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	75%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	59%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	95%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	59%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	59%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	95%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	59%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	59%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	95%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	59%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2029	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	91%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	96%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	91%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	94%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	69%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	69%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	69%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2029	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	7%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	92%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	89%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	89%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	89%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	89%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	89%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	89%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	86%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	86%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	36%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	36%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	36%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	36%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	28%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	28%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	2.73E-23
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	2.73E-23
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	94%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	94%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	63%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	56%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	63%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	55%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	55%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	55%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	55%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	55%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	55%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	95%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	81%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	87%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	81%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	77%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	77%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	77%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	92%
2030	C_College	Com - Anti-Sweat Heater Controls	RET	83%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	50%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	50%
2030	C_College	Com - Custom cooling	NEW	49%
2030	C_College	Com - Custom cooling	RET	62%
2030	C_College	Com - Custom Lighting	NEW	77%
2030	C_College	Com - Custom motors	NEW	49%
2030	C_College	Com - Custom motors	RET	62%
2030	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_College	Com - Direct Evaporative Pre-Cooling	NEW	26%
2030	C_College	Com - Direct Evaporative Pre-Cooling	ROB	26%
2030	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2030	C_College	Com - Exterior LED fixture	NEW	81%
2030	C_College	Com - Exterior LED fixture	ROB	81%
2030	C_College	Com - Exterior LED Lamp	NEW	88%
2030	C_College	Com - Exterior LED Lamp	ROB	88%
2030	C_College	Com - High Efficiency Central Heat Pump System	NEW	5%
2030	C_College	Com - High Efficiency Central Heat Pump System	ROB	5%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	54%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	54%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	87%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	87%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2030	C_College	Com - Interior Network Connected LED Fixtures	NEW	3%
2030	C_College	Com - Interior Network Connected LED Fixtures	ROB	3%
2030	C_College	Com - Interior Network Connected LED Lamps	NEW	6.139m
2030	C_College	Com - Interior Network Connected LED Lamps	ROB	6.139m
2030	C_College	Com - LED Refrigerated Case Lighting	NEW	49%
2030	C_College	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_College	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_College	Com - Packaged Terminal Air Conditioners	NEW	25%
2030	C_College	Com - Packaged Terminal Air Conditioners	RET	53%
2030	C_College	Com - Packaged Terminal Air Conditioners	ROB	25%
2030	C_College	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_College	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_College	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_College	Com - Room Air Conditioners	NEW	33%
2030	C_College	Com - Room Air Conditioners	RET	47%
2030	C_College	Com - Room Air Conditioners	ROB	33%
2030	C_College	Com - RTU with Demand Control	RET	2.401m
2030	C_College	Com - Water Source Heat Pump	NEW	29%
2030	C_College	Com - Water Source Heat Pump	ROB	29%
2030	C_Grocery	Com - Anti-Sweat Heater Controls	RET	83%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	51%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	51%
2030	C_Grocery	Com - Custom cooling	NEW	49%
2030	C_Grocery	Com - Custom cooling	RET	62%
2030	C_Grocery	Com - Custom Lighting	NEW	77%
2030	C_Grocery	Com - Custom motors	NEW	49%
2030	C_Grocery	Com - Custom motors	RET	62%
2030	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	68%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	79%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	79%
2030	C_Grocery	Com - Exterior LED fixture	NEW	99%
2030	C_Grocery	Com - Exterior LED fixture	ROB	99%
2030	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2030	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2030	C_Grocery	Com - Exterior Lighting Controls	RET	65%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2030	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	65%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	91%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	91%
2030	C_Grocery	Com - LED Refrigerated Case Lighting	RET	29%
2030	C_Grocery	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	40%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Grocery	Com - Pre-rinse Spray Valves	RET	64%
2030	C_Grocery	Com - Room Air Conditioners	NEW	47%
2030	C_Grocery	Com - Room Air Conditioners	RET	39%
2030	C_Grocery	Com - Room Air Conditioners	ROB	47%
2030	C_Grocery	Com - RTU with Demand Control	RET	2.401m
2030	C_Grocery	Com - Water Source Heat Pump	NEW	21%
2030	C_Grocery	Com - Water Source Heat Pump	ROB	21%
2030	C_Grocery	Com - Zero-Energy Doors	RET	53%
2030	C_Health	Com - Anti-Sweat Heater Controls	RET	75%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	71%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	71%
2030	C_Health	Com - Custom cooling	NEW	49%
2030	C_Health	Com - Custom cooling	RET	62%
2030	C_Health	Com - Custom Lighting	NEW	77%
2030	C_Health	Com - Custom motors	NEW	49%
2030	C_Health	Com - Custom motors	RET	62%
2030	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	56%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	79%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	79%
2030	C_Health	Com - Exterior LED fixture	NEW	81%
2030	C_Health	Com - Exterior LED fixture	ROB	81%
2030	C_Health	Com - Exterior LED Lamp	NEW	88%
2030	C_Health	Com - Exterior LED Lamp	ROB	88%
2030	C_Health	Com - Exterior Lighting Controls	RET	93%
2030	C_Health	Com - High Efficiency Central Heat Pump System	NEW	36%
2030	C_Health	Com - High Efficiency Central Heat Pump System	ROB	36%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	30%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	30%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	75%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	75%
2030	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	93%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2030	C_Health	Com - Interior Network Connected LED Fixtures	NEW	4%
2030	C_Health	Com - Interior Network Connected LED Fixtures	ROB	4%
2030	C_Health	Com - Interior Network Connected LED Lamps	NEW	228.2u
2030	C_Health	Com - Interior Network Connected LED Lamps	ROB	228.2u
2030	C_Health	Com - LED Refrigerated Case Lighting	RET	30%
2030	C_Health	Com - Low-flow Faucet Aerator	NEW	73%
2030	C_Health	Com - Low-flow Faucet Aerator	RET	76%
2030	C_Health	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Health	Com - Packaged Terminal Air Conditioners	NEW	40%
2030	C_Health	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Health	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Health	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Health	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Health	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Health	Com - Pre-rinse Spray Valves	RET	64%
2030	C_Health	Com - Room Air Conditioners	NEW	47%
2030	C_Health	Com - Room Air Conditioners	RET	55%
2030	C_Health	Com - Room Air Conditioners	ROB	47%
2030	C_Health	Com - RTU with Demand Control	RET	2.401m
2030	C_Health	Com - Water Source Heat Pump	NEW	56%
2030	C_Health	Com - Water Source Heat Pump	ROB	56%
2030	C_Health	Com - Zero-Energy Doors	RET	47%
2030	C_Lodging	Com - Anti-Sweat Heater Controls	RET	81%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	71%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	71%
2030	C_Lodging	Com - Custom cooling	NEW	49%
2030	C_Lodging	Com - Custom cooling	RET	62%
2030	C_Lodging	Com - Custom Lighting	NEW	77%
2030	C_Lodging	Com - Custom motors	NEW	49%
2030	C_Lodging	Com - Custom motors	RET	62%
2030	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	64%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	79%
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	79%
2030	C_Lodging	Com - Exterior LED fixture	NEW	90%
2030	C_Lodging	Com - Exterior LED fixture	ROB	90%
2030	C_Lodging	Com - Exterior LED Lamp	NEW	94%
2030	C_Lodging	Com - Exterior LED Lamp	ROB	94%
2030	C_Lodging	Com - Guest Room Energy Management	RET	61%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	48%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	48%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	67%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	67%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	53%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	53%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	4%
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	4%
2030	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	1%
2030	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	1%
2030	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	54%
2030	C_Lodging	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_Lodging	Com - Low-flow Faucet Aerator	NEW	73%
2030	C_Lodging	Com - Low-flow Faucet Aerator	RET	76%
2030	C_Lodging	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	40%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Lodging	Com - Pre-rinse Spray Valves	RET	64%
2030	C_Lodging	Com - Room Air Conditioners	NEW	47%
2030	C_Lodging	Com - Room Air Conditioners	RET	60%
2030	C_Lodging	Com - Room Air Conditioners	ROB	47%
2030	C_Lodging	Com - RTU with Demand Control	RET	2.401m
2030	C_Lodging	Com - Water Source Heat Pump	NEW	57%
2030	C_Lodging	Com - Water Source Heat Pump	ROB	57%
2030	C_Lodging	Com - Zero-Energy Doors	RET	62%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	43%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	62%
2030	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	64%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	43%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	62%
2030	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	77%
2030	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	60%
2030	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	53%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	81%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	81%
2030	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	53%
2030	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	53%
2030	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2030	C_Office	Com - Anti-Sweat Heater Controls	RET	80%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	45%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	45%
2030	C_Office	Com - Custom cooling	NEW	49%
2030	C_Office	Com - Custom cooling	RET	62%
2030	C_Office	Com - Custom Lighting	NEW	77%
2030	C_Office	Com - Custom motors	NEW	49%
2030	C_Office	Com - Custom motors	RET	62%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	59%
2030	C_Office	Com - Exterior LED fixture	NEW	74%
2030	C_Office	Com - Exterior LED fixture	ROB	74%
2030	C_Office	Com - Exterior LED Lamp	NEW	83%
2030	C_Office	Com - Exterior LED Lamp	ROB	83%
2030	C_Office	Com - High Efficiency Central Heat Pump System	NEW	9%
2030	C_Office	Com - High Efficiency Central Heat Pump System	ROB	9%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	57%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	57%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	83%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	83%
2030	C_Office	Com - Interior Network Connected LED Fixtures	NEW	3%
2030	C_Office	Com - Interior Network Connected LED Fixtures	ROB	3%
2030	C_Office	Com - Interior Network Connected LED Lamps	NEW	4.329m
2030	C_Office	Com - Interior Network Connected LED Lamps	ROB	4.329m
2030	C_Office	Com - LED Refrigerated Case Lighting	NEW	37%
2030	C_Office	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_Office	Com - Low-flow Faucet Aerator	RET	90%
2030	C_Office	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Office	Com - Packaged Terminal Air Conditioners	NEW	40%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Office	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Office	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Office	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Office	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Office	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Office	Com - Room Air Conditioners	NEW	47%
2030	C_Office	Com - Room Air Conditioners	RET	55%
2030	C_Office	Com - Room Air Conditioners	ROB	47%
2030	C_Office	Com - RTU with Demand Control	RET	2.401m
2030	C_Office	Com - Water Source Heat Pump	NEW	25%
2030	C_Office	Com - Water Source Heat Pump	ROB	25%
2030	C_Office	Com - Zero-Energy Doors	RET	54%
2030	C_Other	Com - Anti-Sweat Heater Controls	RET	73%
2030	C_Other	Com - Custom cooling	NEW	49%
2030	C_Other	Com - Custom cooling	RET	62%
2030	C_Other	Com - Custom Lighting	NEW	77%
2030	C_Other	Com - Custom motors	NEW	49%
2030	C_Other	Com - Custom motors	RET	62%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	78%
2030	C_Other	Com - Exterior LED fixture	NEW	81%
2030	C_Other	Com - Exterior LED fixture	ROB	81%
2030	C_Other	Com - Exterior LED Lamp	NEW	88%
2030	C_Other	Com - Exterior LED Lamp	ROB	88%
2030	C_Other	Com - Exterior Lighting Controls	RET	44%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	40%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	40%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	88%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	88%
2030	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	41%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2030	C_Other	Com - Interior Network Connected LED Fixtures	NEW	5%
2030	C_Other	Com - Interior Network Connected LED Fixtures	ROB	5%
2030	C_Other	Com - Interior Network Connected LED Lamps	NEW	2.784m
2030	C_Other	Com - Interior Network Connected LED Lamps	ROB	2.784m
2030	C_Other	Com - LED Refrigerated Case Lighting	NEW	37%
2030	C_Other	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_Other	Com - Low-flow Faucet Aerator	NEW	73%
2030	C_Other	Com - Low-flow Faucet Aerator	RET	76%
2030	C_Other	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Other	Com - Packaged Terminal Air Conditioners	NEW	40%
2030	C_Other	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Other	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Other	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Other	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Other	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Other	Com - Pre-rinse Spray Valves	RET	64%
2030	C_Other	Com - Room Air Conditioners	NEW	47%
2030	C_Other	Com - Room Air Conditioners	RET	27%
2030	C_Other	Com - Room Air Conditioners	ROB	47%
2030	C_Other	Com - RTU with Demand Control	RET	2.401m
2030	C_Other	Com - Water Source Heat Pump	NEW	25%
2030	C_Other	Com - Water Source Heat Pump	ROB	25%
2030	C_Other	Com - Zero-Energy Doors	RET	81%
2030	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	83%
2030	C_Restaurant	Com - Custom cooling	NEW	49%
2030	C_Restaurant	Com - Custom cooling	RET	62%
2030	C_Restaurant	Com - Custom Lighting	NEW	77%
2030	C_Restaurant	Com - Custom motors	NEW	49%
2030	C_Restaurant	Com - Custom motors	RET	62%
2030	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	77%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	79%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	79%
2030	C_Restaurant	Com - Exterior LED fixture	NEW	97%
2030	C_Restaurant	Com - Exterior LED fixture	ROB	97%
2030	C_Restaurant	Com - Exterior LED Lamp	NEW	98%
2030	C_Restaurant	Com - Exterior LED Lamp	ROB	98%
2030	C_Restaurant	Com - Exterior Lighting Controls	RET	95%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	53%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	53%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2030	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	95%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	90%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	90%
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	3%
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	3%
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	83.47u

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	83.47u
2030	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	29%
2030	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	73%
2030	C_Restaurant	Com - Low-flow Faucet Aerator	RET	76%
2030	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Restaurant	Com - Pre-rinse Spray Valves	RET	64%
2030	C_Restaurant	Com - Room Air Conditioners	NEW	33%
2030	C_Restaurant	Com - Room Air Conditioners	RET	53%
2030	C_Restaurant	Com - Room Air Conditioners	ROB	33%
2030	C_Restaurant	Com - RTU with Demand Control	RET	2.401m
2030	C_Restaurant	Com - Water Source Heat Pump	NEW	63%
2030	C_Restaurant	Com - Water Source Heat Pump	ROB	63%
2030	C_Restaurant	Com - Zero-Energy Doors	RET	71%
2030	C_Retail	Com - Anti-Sweat Heater Controls	RET	89%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	19%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	19%
2030	C_Retail	Com - Custom cooling	NEW	49%
2030	C_Retail	Com - Custom cooling	RET	62%
2030	C_Retail	Com - Custom Lighting	NEW	77%
2030	C_Retail	Com - Custom motors	NEW	49%
2030	C_Retail	Com - Custom motors	RET	62%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	27%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	27%
2030	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	62%
2030	C_Retail	Com - Exterior LED fixture	NEW	94%
2030	C_Retail	Com - Exterior LED fixture	ROB	94%
2030	C_Retail	Com - Exterior LED Lamp	NEW	97%
2030	C_Retail	Com - Exterior LED Lamp	ROB	97%
2030	C_Retail	Com - Exterior Lighting Controls	RET	63%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	19%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	19%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	51%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	51%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2030	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2030	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	3%
2030	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	3%
2030	C_Retail	Com - Interior Network Connected LED Lamps	NEW	951u
2030	C_Retail	Com - Interior Network Connected LED Lamps	ROB	951u
2030	C_Retail	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_Retail	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	25%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	RET	53%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	25%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_Retail	Com - Room Air Conditioners	NEW	33%
2030	C_Retail	Com - Room Air Conditioners	RET	53%
2030	C_Retail	Com - Room Air Conditioners	ROB	33%
2030	C_Retail	Com - RTU with Demand Control	RET	67%
2030	C_Retail	Com - Water Source Heat Pump	NEW	25%
2030	C_Retail	Com - Water Source Heat Pump	ROB	25%
2030	C_Retail	Com - Zero-Energy Doors	RET	61%
2030	C_School	Com - Anti-Sweat Heater Controls	RET	83%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	50%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	50%
2030	C_School	Com - Custom cooling	NEW	49%
2030	C_School	Com - Custom cooling	RET	62%
2030	C_School	Com - Custom Lighting	NEW	77%
2030	C_School	Com - Custom motors	NEW	49%
2030	C_School	Com - Custom motors	RET	62%
2030	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	58%
2030	C_School	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_School	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2030	C_School	Com - Exterior LED fixture	NEW	45%
2030	C_School	Com - Exterior LED fixture	ROB	45%
2030	C_School	Com - Exterior LED Lamp	NEW	60%
2030	C_School	Com - Exterior LED Lamp	ROB	60%
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	54%
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	54%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	92%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	92%
2030	C_School	Com - Interior Network Connected LED Fixtures	NEW	3%
2030	C_School	Com - Interior Network Connected LED Fixtures	ROB	3%
2030	C_School	Com - Interior Network Connected LED Lamps	NEW	9.988m

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_School	Com - Interior Network Connected LED Lamps	ROB	9.988m
2030	C_School	Com - LED Refrigerated Case Lighting	NEW	54%
2030	C_School	Com - LED Refrigerated Case Lighting	RET	100%
2030	C_School	Com - Low-flow Faucet Aerator	NEW	73%
2030	C_School	Com - Low-flow Faucet Aerator	RET	76%
2030	C_School	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_School	Com - Packaged Terminal Air Conditioners	NEW	25%
2030	C_School	Com - Packaged Terminal Air Conditioners	RET	53%
2030	C_School	Com - Packaged Terminal Air Conditioners	ROB	25%
2030	C_School	Com - Packaged Terminal Heat Pumps	NEW	40%
2030	C_School	Com - Packaged Terminal Heat Pumps	RET	60%
2030	C_School	Com - Packaged Terminal Heat Pumps	ROB	40%
2030	C_School	Com - Pre-rinse Spray Valves	RET	64%
2030	C_School	Com - Room Air Conditioners	NEW	33%
2030	C_School	Com - Room Air Conditioners	RET	4%
2030	C_School	Com - Room Air Conditioners	ROB	33%
2030	C_School	Com - RTU with Demand Control	RET	2.401m
2030	C_School	Com - Water Source Heat Pump	NEW	11%
2030	C_School	Com - Water Source Heat Pump	ROB	11%
2030	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	80%
2030	C_Warehouse	Com - Custom cooling	NEW	49%
2030	C_Warehouse	Com - Custom cooling	RET	62%
2030	C_Warehouse	Com - Custom Lighting	NEW	77%
2030	C_Warehouse	Com - Custom motors	NEW	49%
2030	C_Warehouse	Com - Custom motors	RET	62%
2030	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2030	C_Warehouse	Com - Exterior LED fixture	NEW	95%
2030	C_Warehouse	Com - Exterior LED fixture	ROB	95%
2030	C_Warehouse	Com - Exterior LED Lamp	NEW	97%
2030	C_Warehouse	Com - Exterior LED Lamp	ROB	97%
2030	C_Warehouse	Com - Exterior Lighting Controls	RET	65%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	31%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	31%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2030	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	60%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	88%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	88%
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	189.3u
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	189.3u
2030	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	29%
2030	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	86%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	40%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	60%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	40%
2030	C_Warehouse	Com - Room Air Conditioners	NEW	47%
2030	C_Warehouse	Com - Room Air Conditioners	RET	55%
2030	C_Warehouse	Com - Room Air Conditioners	ROB	47%
2030	C_Warehouse	Com - RTU with Demand Control	RET	2.401m
2030	C_Warehouse	Com - Water Source Heat Pump	NEW	25%
2030	C_Warehouse	Com - Water Source Heat Pump	ROB	25%
2030	C_Warehouse	Com - Zero-Energy Doors	RET	49%
2030	I_Agriculture	Ind - Air Compressor Optimization	RET	60%
2030	I_Agriculture	Ind - Dew Point Controls	RET	53%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	79%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	79%
2030	I_Agriculture	Ind - Mist Eliminators	RET	53%
2030	I_Agriculture	Ind - No Air Loss Drain	RET	53%
2030	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2030	I_Manufacturing	Ind - Air Compressor Optimization	RET	60%
2030	I_Manufacturing	Ind - Dew Point Controls	RET	53%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	81%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	81%
2030	I_Manufacturing	Ind - Mist Eliminators	RET	53%
2030	I_Manufacturing	Ind - No Air Loss Drain	RET	53%
2030	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	100%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	90%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	90%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	87%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	87%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	35%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	35%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	35%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	35%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	23%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	23%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.80E-23
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.80E-23
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	94%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	78%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	72%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	78%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	56%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	56%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	100%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	100%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	87%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	94%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	94%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	81%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	81%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2030	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2030	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2030	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	12%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	90%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	87%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	87%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	44%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	44%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	44%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	44%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	12%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	12%
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.42E-23
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.42E-23
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	37%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	75%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	68%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	75%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	56%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	56%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	56%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	56%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	99%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	99%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	99%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	94%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	97%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	95%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	95%
2030	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	86%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	86%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	86%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2030	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	2.766m
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2030	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	90%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	21%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	21%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	21%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	87%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	87%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	98%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	28%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	28%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	28%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	28%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	25%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	25%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.03E-23
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.03E-23
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	42%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	42%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	43%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	28%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	43%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	56%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	56%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	56%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	56%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	93%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	83%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	88%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	82%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2030	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	90%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	85%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	85%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	85%
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	1.76E-17
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	53.41f
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	22.14u
2030	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	12%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	91%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	91%
2030	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	20%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	90%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	90%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	90%
2030	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	90%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	87%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	87%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	53%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	53%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	53%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	53%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	95%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	95%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	76%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	70%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	76%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	61%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	95%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	61%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	61%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	95%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	61%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	61%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	95%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	61%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	93%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	93%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	93%
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	92%
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	96%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	92%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	94%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	70%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	70%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	70%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2030	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	7%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	92%
2030	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	16%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	90%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	90%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	90%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	95%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	95%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	91%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	91%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	91%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	87%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	98%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	87%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	39%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	39%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	39%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	39%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	29%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	29%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.26E-23
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.26E-23
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	95%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	95%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	65%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	56%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	65%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	57%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	94%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	57%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	57%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	94%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	57%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	57%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	94%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	57%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	95%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	82%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	87%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	82%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	84%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	78%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	78%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	78%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	92%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	92%
2030	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	15%
2028	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	14%
2028	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	63%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	61%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.225m
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	31%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	31%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	30%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	30%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	6%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	6%
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	31.33u
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	31.33u
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.376m
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.376m
2028	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2028	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	108.1p
2028	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	108.1p
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	32%
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	90%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	80%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	70%
2028	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.515m
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	65%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	65%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	64%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2028	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	73.72u
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2028	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	27%
2028	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	63%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	61%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.225m
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	17%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	17%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	17%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	90%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	12%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	12%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	11%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	11%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.376m
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.376m
2028	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2028	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	63%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	66%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	51%
2028	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	675.3u
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	59%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	59%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	34.92f
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	12.39u
2028	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	12%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2028	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	22%
2028	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	64%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	71%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	71%
2028	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	71%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	41%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	41%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	40%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	40%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	9%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	9%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.058m
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.058m
2028	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2028	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	78%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	56%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		56%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET		35%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET		35%
2028	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET		35%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		85%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		73%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW		76%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET		59%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		56%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		56%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		55%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		24%
2028	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET		6%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET		24%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET		16%
2028	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW		18%
2028	R_Single Family	Res - Whole House Fans - 100% Applicable	RET		16%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET		64%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET		63%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET		4%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		81%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		83%
2028	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		4%
2028	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		4%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET		72%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET		72%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET		72%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		83%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		90%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		83%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		25%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		25%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		24%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		24%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW		24%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB		24%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	4.448m	
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	4.448m	
2028	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2028	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		80%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2028	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2028	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET		79%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET		78%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		51%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET		48%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET		48%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET		48%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		74%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET		60%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW		65%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET		51%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		58%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		57%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		56%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW		11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW		11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW		11%
2028	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET		1%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2028	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	17%
2028	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%
2029	C_College	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2029	C_College	Com - Custom cooling	NEW	38%
2029	C_College	Com - Custom cooling	RET	49%
2029	C_College	Com - Custom Lighting	NEW	57%
2029	C_College	Com - Custom motors	NEW	38%
2029	C_College	Com - Custom motors	RET	49%
2029	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_College	Com - Direct Evaporative Pre-Cooling	NEW	9%
2029	C_College	Com - Direct Evaporative Pre-Cooling	ROB	9%
2029	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2029	C_College	Com - Exterior LED fixture	NEW	68%
2029	C_College	Com - Exterior LED fixture	ROB	68%
2029	C_College	Com - Exterior LED Lamp	NEW	81%
2029	C_College	Com - Exterior LED Lamp	ROB	81%
2029	C_College	Com - Exterior Lighting Controls	RET	33%
2029	C_College	Com - High Efficiency Central Heat Pump System	NEW	8%
2029	C_College	Com - High Efficiency Central Heat Pump System	ROB	8%
2029	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	6%
2029	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	6%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	40%
2029	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	40%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2029	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2029	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2029	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2029	C_College	Com - Interior Network Connected LED Fixtures	NEW	3.412m
2029	C_College	Com - Interior Network Connected LED Fixtures	ROB	3.412m
2029	C_College	Com - Interior Network Connected LED Lamps	NEW	455.8u
2029	C_College	Com - Interior Network Connected LED Lamps	ROB	455.8u
2029	C_College	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_College	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_College	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_College	Com - Packaged Terminal Air Conditioners	NEW	10%
2029	C_College	Com - Packaged Terminal Air Conditioners	RET	21%
2029	C_College	Com - Packaged Terminal Air Conditioners	ROB	10%
2029	C_College	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_College	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_College	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_College	Com - Room Air Conditioners	NEW	13%
2029	C_College	Com - Room Air Conditioners	RET	18%
2029	C_College	Com - Room Air Conditioners	ROB	13%
2029	C_College	Com - RTU with Demand Control	RET	2%
2029	C_College	Com - Water Source Heat Pump	NEW	10%
2029	C_College	Com - Water Source Heat Pump	ROB	10%
2029	C_Grocery	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	38%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	38%
2029	C_Grocery	Com - Custom cooling	NEW	38%
2029	C_Grocery	Com - Custom cooling	RET	49%
2029	C_Grocery	Com - Custom Lighting	NEW	57%
2029	C_Grocery	Com - Custom motors	NEW	38%
2029	C_Grocery	Com - Custom motors	RET	49%
2029	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Grocery	Com - Exterior LED fixture	NEW	98%
2029	C_Grocery	Com - Exterior LED fixture	ROB	98%
2029	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2029	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2029	C_Grocery	Com - Exterior Lighting Controls	RET	42%
2029	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	2%
2029	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	2%
2029	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	7.112m
2029	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	7.112m
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2029	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		80%
2029	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		38%
2029	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		38%
2029	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		42%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		86%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		86%
2029	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	6.099m	
2029	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	6.099m	
2029	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	57.9u	
2029	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	57.9u	
2029	C_Grocery	Com - LED Refrigerated Case Lighting	NEW		10%
2029	C_Grocery	Com - LED Refrigerated Case Lighting	RET		20%
2029	C_Grocery	Com - New Construction - Lighting Power Density	NEW		67%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW		28%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	RET		29%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB		28%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW		28%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	RET		31%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB		28%
2029	C_Grocery	Com - Pre-rinse Spray Valves	RET		50%
2029	C_Grocery	Com - Room Air Conditioners	NEW		31%
2029	C_Grocery	Com - Room Air Conditioners	RET		25%
2029	C_Grocery	Com - Room Air Conditioners	ROB		31%
2029	C_Grocery	Com - RTU with Demand Control	RET		2%
2029	C_Grocery	Com - Water Source Heat Pump	NEW		4%
2029	C_Grocery	Com - Water Source Heat Pump	ROB		4%
2029	C_Grocery	Com - Zero-Energy Doors	RET		31%
2029	C_Health	Com - Anti-Sweat Heater Controls	RET		65%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		64%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		64%
2029	C_Health	Com - Custom cooling	NEW		38%
2029	C_Health	Com - Custom cooling	RET		49%
2029	C_Health	Com - Custom Lighting	NEW		57%
2029	C_Health	Com - Custom motors	NEW		38%
2029	C_Health	Com - Custom motors	RET		49%
2029	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		12%
2029	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		24%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	NEW		11%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	ROB		11%
2029	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		36%
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW		75%
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB		75%
2029	C_Health	Com - Exterior LED fixture	NEW		69%
2029	C_Health	Com - Exterior LED fixture	ROB		69%
2029	C_Health	Com - Exterior LED Lamp	NEW		81%
2029	C_Health	Com - Exterior LED Lamp	ROB		81%
2029	C_Health	Com - Exterior Lighting Controls	RET		39%
2029	C_Health	Com - High Efficiency Central Heat Pump System	NEW		39%
2029	C_Health	Com - High Efficiency Central Heat Pump System	ROB		39%
2029	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW		37%
2029	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB		37%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		15%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		15%
2029	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		38%
2029	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		38%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		69%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		69%
2029	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		27%
2029	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		27%
2029	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		33%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		79%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		79%
2029	C_Health	Com - Interior Network Connected LED Fixtures	NEW	7.833m	
2029	C_Health	Com - Interior Network Connected LED Fixtures	ROB	7.833m	
2029	C_Health	Com - Interior Network Connected LED Lamps	NEW	45.29u	
2029	C_Health	Com - Interior Network Connected LED Lamps	ROB	45.29u	
2029	C_Health	Com - LED Refrigerated Case Lighting	NEW		10%
2029	C_Health	Com - LED Refrigerated Case Lighting	RET		20%
2029	C_Health	Com - Low-flow Faucet Aerator	NEW		65%
2029	C_Health	Com - Low-flow Faucet Aerator	RET		66%
2029	C_Health	Com - New Construction - Lighting Power Density	NEW		67%
2029	C_Health	Com - Packaged Terminal Air Conditioners	NEW		28%
2029	C_Health	Com - Packaged Terminal Air Conditioners	RET		32%
2029	C_Health	Com - Packaged Terminal Air Conditioners	ROB		28%
2029	C_Health	Com - Packaged Terminal Heat Pumps	NEW		28%
2029	C_Health	Com - Packaged Terminal Heat Pumps	RET		34%
2029	C_Health	Com - Packaged Terminal Heat Pumps	ROB		28%
2029	C_Health	Com - Pre-rinse Spray Valves	RET		50%
2029	C_Health	Com - Room Air Conditioners	NEW		32%
2029	C_Health	Com - Room Air Conditioners	RET		30%
2029	C_Health	Com - Room Air Conditioners	ROB		32%
2029	C_Health	Com - RTU with Demand Control	RET		2%
2029	C_Health	Com - Water Source Heat Pump	NEW		42%
2029	C_Health	Com - Water Source Heat Pump	ROB		42%
2029	C_Health	Com - Zero-Energy Doors	RET		23%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Lodging	Com - Anti-Sweat Heater Controls	RET	73%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2029	C_Lodging	Com - Custom cooling	NEW	38%
2029	C_Lodging	Com - Custom cooling	RET	49%
2029	C_Lodging	Com - Custom Lighting	NEW	57%
2029	C_Lodging	Com - Custom motors	NEW	38%
2029	C_Lodging	Com - Custom motors	RET	49%
2029	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	11%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	11%
2029	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	48%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Lodging	Com - Exterior LED fixture	NEW	84%
2029	C_Lodging	Com - Exterior LED fixture	ROB	84%
2029	C_Lodging	Com - Exterior LED Lamp	NEW	91%
2029	C_Lodging	Com - Exterior LED Lamp	ROB	91%
2029	C_Lodging	Com - Exterior Lighting Controls	RET	31%
2029	C_Lodging	Com - Guest Room Energy Management	RET	35%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	42%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	42%
2029	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	40%
2029	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	40%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	56%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	56%
2029	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	59%
2029	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	59%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2029	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	15%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2.1m
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2.1m
2029	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	887.7u
2029	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	887.7u
2029	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Lodging	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Lodging	Com - Low-flow Faucet Aerator	NEW	65%
2029	C_Lodging	Com - Low-flow Faucet Aerator	RET	66%
2029	C_Lodging	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	29%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	36%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	29%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	38%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Lodging	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Lodging	Com - Room Air Conditioners	NEW	33%
2029	C_Lodging	Com - Room Air Conditioners	RET	34%
2029	C_Lodging	Com - Room Air Conditioners	ROB	33%
2029	C_Lodging	Com - RTU with Demand Control	RET	2%
2029	C_Lodging	Com - Water Source Heat Pump	NEW	44%
2029	C_Lodging	Com - Water Source Heat Pump	ROB	44%
2029	C_Lodging	Com - Zero-Energy Doors	RET	44%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	35%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	49%
2029	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	50%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	35%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	49%
2029	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2029	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	41%
2029	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	30%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	66%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	66%
2029	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	24%
2029	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	30%
2029	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	87%
2029	C_Office	Com - Anti-Sweat Heater Controls	RET	71%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2029	C_Office	Com - Custom cooling	NEW	38%
2029	C_Office	Com - Custom cooling	RET	49%
2029	C_Office	Com - Custom Lighting	NEW	57%
2029	C_Office	Com - Custom motors	NEW	38%
2029	C_Office	Com - Custom motors	RET	49%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	40%
2029	C_Office	Com - Exterior LED fixture	NEW	56%
2029	C_Office	Com - Exterior LED fixture	ROB	56%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Office	Com - Exterior LED Lamp	NEW	71%
2029	C_Office	Com - Exterior LED Lamp	ROB	71%
2029	C_Office	Com - Exterior Lighting Controls	RET	39%
2029	C_Office	Com - High Efficiency Central Heat Pump System	NEW	4%
2029	C_Office	Com - High Efficiency Central Heat Pump System	ROB	4%
2029	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2029	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2029	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2029	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	76%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	76%
2029	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2029	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2029	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2029	C_Office	Com - Interior Network Connected LED Fixtures	NEW	3.389m
2029	C_Office	Com - Interior Network Connected LED Fixtures	ROB	3.389m
2029	C_Office	Com - Interior Network Connected LED Lamps	NEW	387.7u
2029	C_Office	Com - Interior Network Connected LED Lamps	ROB	387.7u
2029	C_Office	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Office	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Office	Com - Low-flow Faucet Aerator	RET	86%
2029	C_Office	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Office	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Office	Com - Packaged Terminal Air Conditioners	RET	32%
2029	C_Office	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Office	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Office	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_Office	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Office	Com - Room Air Conditioners	NEW	32%
2029	C_Office	Com - Room Air Conditioners	RET	30%
2029	C_Office	Com - Room Air Conditioners	ROB	32%
2029	C_Office	Com - RTU with Demand Control	RET	2%
2029	C_Office	Com - Water Source Heat Pump	NEW	6%
2029	C_Office	Com - Water Source Heat Pump	ROB	6%
2029	C_Office	Com - Zero-Energy Doors	RET	33%
2029	C_Other	Com - Anti-Sweat Heater Controls	RET	61%
2029	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2029	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2029	C_Other	Com - Custom cooling	NEW	38%
2029	C_Other	Com - Custom cooling	RET	49%
2029	C_Other	Com - Custom Lighting	NEW	57%
2029	C_Other	Com - Custom motors	NEW	38%
2029	C_Other	Com - Custom motors	RET	49%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	69%
2029	C_Other	Com - Exterior LED fixture	NEW	68%
2029	C_Other	Com - Exterior LED fixture	ROB	68%
2029	C_Other	Com - Exterior LED Lamp	NEW	81%
2029	C_Other	Com - Exterior LED Lamp	ROB	81%
2029	C_Other	Com - Exterior Lighting Controls	RET	36%
2029	C_Other	Com - High Efficiency Central Heat Pump System	NEW	16%
2029	C_Other	Com - High Efficiency Central Heat Pump System	ROB	16%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	26%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	26%
2029	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	44%
2029	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	44%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2029	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	31%
2029	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	31%
2029	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2029	C_Other	Com - Interior Network Connected LED Fixtures	NEW	4.651m
2029	C_Other	Com - Interior Network Connected LED Fixtures	ROB	4.651m
2029	C_Other	Com - Interior Network Connected LED Lamps	NEW	248u
2029	C_Other	Com - Interior Network Connected LED Lamps	ROB	248u
2029	C_Other	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Other	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Other	Com - Low-flow Faucet Aerator	NEW	66%
2029	C_Other	Com - Low-flow Faucet Aerator	RET	67%
2029	C_Other	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Other	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Other	Com - Packaged Terminal Air Conditioners	RET	31%
2029	C_Other	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Other	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_Other	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_Other	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_Other	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Other	Com - Room Air Conditioners	NEW	32%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Other	Com - Room Air Conditioners	RET	24%
2029	C_Other	Com - Room Air Conditioners	ROB	32%
2029	C_Other	Com - RTU with Demand Control	RET	2%
2029	C_Other	Com - Water Source Heat Pump	NEW	20%
2029	C_Other	Com - Water Source Heat Pump	ROB	20%
2029	C_Other	Com - Zero-Energy Doors	RET	73%
2029	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_Restaurant	Com - Custom cooling	NEW	38%
2029	C_Restaurant	Com - Custom cooling	RET	49%
2029	C_Restaurant	Com - Custom Lighting	NEW	57%
2029	C_Restaurant	Com - Custom motors	NEW	38%
2029	C_Restaurant	Com - Custom motors	RET	49%
2029	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	66%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2029	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2029	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2029	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2029	C_Restaurant	Com - Exterior Lighting Controls	RET	54%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	49%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	49%
2029	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	46%
2029	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	46%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2029	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	65%
2029	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	65%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2029	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	45%
2029	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	45%
2029	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	56%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	5.749m
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	5.749m
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	14.07u
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	14.07u
2029	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	65%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	RET	66%
2029	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	37%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Restaurant	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Restaurant	Com - Room Air Conditioners	NEW	13%
2029	C_Restaurant	Com - Room Air Conditioners	RET	19%
2029	C_Restaurant	Com - Room Air Conditioners	ROB	13%
2029	C_Restaurant	Com - RTU with Demand Control	RET	2%
2029	C_Restaurant	Com - Water Source Heat Pump	NEW	50%
2029	C_Restaurant	Com - Water Source Heat Pump	ROB	50%
2029	C_Restaurant	Com - Zero-Energy Doors	RET	57%
2029	C_Retail	Com - Anti-Sweat Heater Controls	RET	84%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3%
2029	C_Retail	Com - Custom cooling	NEW	38%
2029	C_Retail	Com - Custom cooling	RET	49%
2029	C_Retail	Com - Custom Lighting	NEW	57%
2029	C_Retail	Com - Custom motors	NEW	38%
2029	C_Retail	Com - Custom motors	RET	49%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	9%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	9%
2029	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	44%
2029	C_Retail	Com - Exterior LED fixture	NEW	90%
2029	C_Retail	Com - Exterior LED fixture	ROB	90%
2029	C_Retail	Com - Exterior LED Lamp	NEW	95%
2029	C_Retail	Com - Exterior LED Lamp	ROB	95%
2029	C_Retail	Com - Exterior Lighting Controls	RET	54%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	5%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	5%
2029	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	3%
2029	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	3%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2029	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	40%
2029	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	40%
2029	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2029	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	4.946m
2029	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	4.946m
2029	C_Retail	Com - Interior Network Connected LED Lamps	NEW	108.6u
2029	C_Retail	Com - Interior Network Connected LED Lamps	ROB	108.6u
2029	C_Retail	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Retail	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	10%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	RET	22%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	10%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	RET	37%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Retail	Com - Room Air Conditioners	NEW	13%
2029	C_Retail	Com - Room Air Conditioners	RET	20%
2029	C_Retail	Com - Room Air Conditioners	ROB	13%
2029	C_Retail	Com - RTU with Demand Control	RET	67%
2029	C_Retail	Com - Water Source Heat Pump	NEW	6%
2029	C_Retail	Com - Water Source Heat Pump	ROB	6%
2029	C_Retail	Com - Zero-Energy Doors	RET	42%
2029	C_School	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2029	C_School	Com - Custom cooling	NEW	38%
2029	C_School	Com - Custom cooling	RET	49%
2029	C_School	Com - Custom Lighting	NEW	57%
2029	C_School	Com - Custom motors	NEW	38%
2029	C_School	Com - Custom motors	RET	49%
2029	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2029	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2029	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2029	C_School	Com - Exterior LED fixture	NEW	8%
2029	C_School	Com - Exterior LED fixture	ROB	8%
2029	C_School	Com - Exterior LED Lamp	NEW	15%
2029	C_School	Com - Exterior LED Lamp	ROB	15%
2029	C_School	Com - Exterior Lighting Controls	RET	40%
2029	C_School	Com - High Efficiency Central Heat Pump System	NEW	5%
2029	C_School	Com - High Efficiency Central Heat Pump System	ROB	5%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2029	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2029	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2029	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2029	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2029	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	37%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2029	C_School	Com - Interior Network Connected LED Fixtures	NEW	3.317m
2029	C_School	Com - Interior Network Connected LED Fixtures	ROB	3.317m
2029	C_School	Com - Interior Network Connected LED Lamps	NEW	764.5u
2029	C_School	Com - Interior Network Connected LED Lamps	ROB	764.5u
2029	C_School	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_School	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2029	C_School	Com - Low-flow Faucet Aerator	RET	67%
2029	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_School	Com - Packaged Terminal Air Conditioners	NEW	8%
2029	C_School	Com - Packaged Terminal Air Conditioners	RET	7%
2029	C_School	Com - Packaged Terminal Air Conditioners	ROB	8%
2029	C_School	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_School	Com - Packaged Terminal Heat Pumps	RET	28%
2029	C_School	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_School	Com - Pre-rinse Spray Valves	RET	50%
2029	C_School	Com - Room Air Conditioners	NEW	10%
2029	C_School	Com - Room Air Conditioners	RET	2%
2029	C_School	Com - Room Air Conditioners	ROB	10%
2029	C_School	Com - RTU with Demand Control	RET	2%
2029	C_School	Com - Water Source Heat Pump	NEW	6%
2029	C_School	Com - Water Source Heat Pump	ROB	6%
2029	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	71%
2029	C_Warehouse	Com - Custom cooling	NEW	38%
2029	C_Warehouse	Com - Custom cooling	RET	49%
2029	C_Warehouse	Com - Custom Lighting	NEW	57%
2029	C_Warehouse	Com - Custom motors	NEW	38%
2029	C_Warehouse	Com - Custom motors	RET	49%
2029	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2029	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB		6%
2029	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		33%
2029	C_Warehouse	Com - Exterior LED fixture	NEW		90%
2029	C_Warehouse	Com - Exterior LED fixture	ROB		90%
2029	C_Warehouse	Com - Exterior LED Lamp	NEW		95%
2029	C_Warehouse	Com - Exterior LED Lamp	ROB		95%
2029	C_Warehouse	Com - Exterior Lighting Controls	RET		52%
2029	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW		4%
2029	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB		4%
2029	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW		2%
2029	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB		2%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		24%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		24%
2029	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		62%
2029	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		62%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		66%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		66%
2029	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		21%
2029	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		21%
2029	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		44%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		83%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		83%
2029	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	6.937m	
2029	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	6.937m	
2029	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	56.69u	
2029	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	56.69u	
2029	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW		10%
2029	C_Warehouse	Com - LED Refrigerated Case Lighting	RET		20%
2029	C_Warehouse	Com - New Construction - Lighting Power Density	NEW		67%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW		29%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET		34%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB		29%
2029	C_Warehouse	Com - Room Air Conditioners	NEW		32%
2029	C_Warehouse	Com - Room Air Conditioners	RET		32%
2029	C_Warehouse	Com - Room Air Conditioners	ROB		32%
2029	C_Warehouse	Com - RTU with Demand Control	RET		2%
2029	C_Warehouse	Com - Water Source Heat Pump	NEW		6%
2029	C_Warehouse	Com - Water Source Heat Pump	ROB		6%
2029	C_Warehouse	Com - Zero-Energy Doors	RET		25%
2029	I_Agriculture	Ind - Air Compressor Optimization	RET		41%
2029	I_Agriculture	Ind - Dew Point Controls	RET		30%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW		71%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB		71%
2029	I_Agriculture	Ind - Mist Eliminators	RET		24%
2029	I_Agriculture	Ind - No Air Loss Drain	RET		35%
2029	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET		88%
2029	I_Manufacturing	Ind - Air Compressor Optimization	RET		44%
2029	I_Manufacturing	Ind - Dew Point Controls	RET		30%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW		73%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB		73%
2029	I_Manufacturing	Ind - Mist Eliminators	RET		24%
2029	I_Manufacturing	Ind - No Air Loss Drain	RET		30%
2029	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET		87%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET		65%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET		3%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		82%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		84%
2029	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		6%
2029	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		6%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET		72%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET		72%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		83%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		90%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		83%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		23%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW		19%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB		19%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m	
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m	
2029	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2029	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		89%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2029	R_Manufactured	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2029	R_Manufactured	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2029	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET		75%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		71%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	63%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	72%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	64%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	63%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2029	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	4%
2029	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2029	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	15%
2029	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.307m
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2029	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	33%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	7%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	7%
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	39.87u
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	39.87u
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m
2029	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	130.7p
2029	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	130.7p
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	33%
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	90%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	82%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	85%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	73%
2029	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.517m
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	67%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	67%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	65%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2029	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2029	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	28%
2029	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.307m
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2029	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	90%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	14%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	21%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	21%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m
2029	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2029	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	66%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2029	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	676.1u
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	61%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	61%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	60%
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	36.03f
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	13.08u
2029	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	14%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2029	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	23%
2029	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	65%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	5%
2029	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	5%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	73%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	73%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	73%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	43%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	43%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	42%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	42%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	10%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	10%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.256m
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.256m
2029	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	79%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	57%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2029	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	85%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	75%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	77%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	63%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	57%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	56%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2029	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	8%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	16%
2029	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	18%
2029	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	17%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	64%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	5%
2029	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	5%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	74%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	74%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	74%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	27%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	25%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	25%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.502m
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.502m
2029	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	80%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	64%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	66%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	60%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	59%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	58%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	4%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2029	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	17%
2029	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%
2030	C_College	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2030	C_College	Com - Custom cooling	NEW	39%
2030	C_College	Com - Custom cooling	RET	51%
2030	C_College	Com - Custom Lighting	NEW	58%
2030	C_College	Com - Custom motors	NEW	39%
2030	C_College	Com - Custom motors	RET	51%
2030	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_College	Com - Direct Evaporative Pre-Cooling	NEW	9%
2030	C_College	Com - Direct Evaporative Pre-Cooling	ROB	9%
2030	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	34%
2030	C_College	Com - Exterior LED fixture	NEW	69%
2030	C_College	Com - Exterior LED fixture	ROB	69%
2030	C_College	Com - Exterior LED Lamp	NEW	83%
2030	C_College	Com - Exterior LED Lamp	ROB	83%
2030	C_College	Com - Exterior Lighting Controls	RET	35%
2030	C_College	Com - High Efficiency Central Heat Pump System	NEW	8%
2030	C_College	Com - High Efficiency Central Heat Pump System	ROB	8%
2030	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	6%
2030	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	6%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2030	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	41%
2030	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	41%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2030	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	43%
2030	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	43%
2030	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	35%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2030	C_College	Com - Interior Network Connected LED Fixtures	NEW	4.152m
2030	C_College	Com - Interior Network Connected LED Fixtures	ROB	4.152m
2030	C_College	Com - Interior Network Connected LED Lamps	NEW	552.2u
2030	C_College	Com - Interior Network Connected LED Lamps	ROB	552.2u
2030	C_College	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_College	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_College	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_College	Com - Packaged Terminal Air Conditioners	NEW	12%
2030	C_College	Com - Packaged Terminal Air Conditioners	RET	22%
2030	C_College	Com - Packaged Terminal Air Conditioners	ROB	12%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_College	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_College	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_College	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_College	Com - Room Air Conditioners	NEW	16%
2030	C_College	Com - Room Air Conditioners	RET	19%
2030	C_College	Com - Room Air Conditioners	ROB	16%
2030	C_College	Com - RTU with Demand Control	RET	2%
2030	C_College	Com - Water Source Heat Pump	NEW	11%
2030	C_College	Com - Water Source Heat Pump	ROB	11%
2030	C_Grocery	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	39%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	39%
2030	C_Grocery	Com - Custom cooling	NEW	39%
2030	C_Grocery	Com - Custom cooling	RET	51%
2030	C_Grocery	Com - Custom Lighting	NEW	58%
2030	C_Grocery	Com - Custom motors	NEW	39%
2030	C_Grocery	Com - Custom motors	RET	51%
2030	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	10%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	10%
2030	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	55%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Grocery	Com - Exterior LED fixture	NEW	98%
2030	C_Grocery	Com - Exterior LED fixture	ROB	98%
2030	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2030	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2030	C_Grocery	Com - Exterior Lighting Controls	RET	45%
2030	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	3%
2030	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	3%
2030	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	1%
2030	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	1%
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2030	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2030	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2030	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2030	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2030	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	45%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2030	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	7.407m
2030	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	7.407m
2030	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	69.25u
2030	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	69.25u
2030	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Grocery	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Grocery	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	29%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	30%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	29%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	32%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Grocery	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Grocery	Com - Room Air Conditioners	NEW	33%
2030	C_Grocery	Com - Room Air Conditioners	RET	25%
2030	C_Grocery	Com - Room Air Conditioners	ROB	33%
2030	C_Grocery	Com - RTU with Demand Control	RET	2%
2030	C_Grocery	Com - Water Source Heat Pump	NEW	5%
2030	C_Grocery	Com - Water Source Heat Pump	ROB	5%
2030	C_Grocery	Com - Zero-Energy Doors	RET	33%
2030	C_Health	Com - Anti-Sweat Heater Controls	RET	66%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	64%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	64%
2030	C_Health	Com - Custom cooling	NEW	39%
2030	C_Health	Com - Custom cooling	RET	51%
2030	C_Health	Com - Custom Lighting	NEW	58%
2030	C_Health	Com - Custom motors	NEW	39%
2030	C_Health	Com - Custom motors	RET	51%
2030	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	38%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Health	Com - Exterior LED fixture	NEW	70%
2030	C_Health	Com - Exterior LED fixture	ROB	70%
2030	C_Health	Com - Exterior LED Lamp	NEW	83%
2030	C_Health	Com - Exterior LED Lamp	ROB	83%
2030	C_Health	Com - Exterior Lighting Controls	RET	42%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2030	C_Health	Com - High Efficiency Central Heat Pump System	NEW		40%
2030	C_Health	Com - High Efficiency Central Heat Pump System	ROB		40%
2030	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW		37%
2030	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB		37%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		16%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		16%
2030	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		39%
2030	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		39%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		69%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		69%
2030	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		29%
2030	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		29%
2030	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		37%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		80%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		80%
2030	C_Health	Com - Interior Network Connected LED Fixtures	NEW	9.546m	
2030	C_Health	Com - Interior Network Connected LED Fixtures	ROB	9.546m	
2030	C_Health	Com - Interior Network Connected LED Lamps	NEW	54.09u	
2030	C_Health	Com - Interior Network Connected LED Lamps	ROB	54.09u	
2030	C_Health	Com - LED Refrigerated Case Lighting	NEW		10%
2030	C_Health	Com - LED Refrigerated Case Lighting	RET		23%
2030	C_Health	Com - Low-flow Faucet Aerator	NEW		65%
2030	C_Health	Com - Low-flow Faucet Aerator	RET		67%
2030	C_Health	Com - New Construction - Lighting Power Density	NEW		67%
2030	C_Health	Com - Packaged Terminal Air Conditioners	NEW		30%
2030	C_Health	Com - Packaged Terminal Air Conditioners	RET		33%
2030	C_Health	Com - Packaged Terminal Air Conditioners	ROB		30%
2030	C_Health	Com - Packaged Terminal Heat Pumps	NEW		30%
2030	C_Health	Com - Packaged Terminal Heat Pumps	RET		35%
2030	C_Health	Com - Packaged Terminal Heat Pumps	ROB		30%
2030	C_Health	Com - Pre-rinse Spray Valves	RET		52%
2030	C_Health	Com - Room Air Conditioners	NEW		34%
2030	C_Health	Com - Room Air Conditioners	RET		30%
2030	C_Health	Com - Room Air Conditioners	ROB		34%
2030	C_Health	Com - RTU with Demand Control	RET		2%
2030	C_Health	Com - Water Source Heat Pump	NEW		43%
2030	C_Health	Com - Water Source Heat Pump	ROB		43%
2030	C_Health	Com - Zero-Energy Doors	RET		24%
2030	C_Lodging	Com - Anti-Sweat Heater Controls	RET		74%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		62%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		62%
2030	C_Lodging	Com - Custom cooling	NEW		39%
2030	C_Lodging	Com - Custom cooling	RET		51%
2030	C_Lodging	Com - Custom Lighting	NEW		58%
2030	C_Lodging	Com - Custom motors	NEW		39%
2030	C_Lodging	Com - Custom motors	RET		51%
2030	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		12%
2030	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		25%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW		12%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB		12%
2030	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		50%
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW		75%
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB		75%
2030	C_Lodging	Com - Exterior LED fixture	NEW		84%
2030	C_Lodging	Com - Exterior LED fixture	ROB		84%
2030	C_Lodging	Com - Exterior LED Lamp	NEW		92%
2030	C_Lodging	Com - Exterior LED Lamp	ROB		92%
2030	C_Lodging	Com - Exterior Lighting Controls	RET		33%
2030	C_Lodging	Com - Guest Room Energy Management	RET		36%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW		43%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB		43%
2030	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW		40%
2030	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB		40%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		56%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		56%
2030	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		59%
2030	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		59%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		82%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		82%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		41%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		41%
2030	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		17%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		68%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		68%
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2.543m	
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2.543m	
2030	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	1.074m	
2030	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	1.074m	
2030	C_Lodging	Com - LED Refrigerated Case Lighting	NEW		10%
2030	C_Lodging	Com - LED Refrigerated Case Lighting	RET		23%
2030	C_Lodging	Com - Low-flow Faucet Aerator	NEW		65%
2030	C_Lodging	Com - Low-flow Faucet Aerator	RET		67%
2030	C_Lodging	Com - New Construction - Lighting Power Density	NEW		67%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW		30%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	RET		37%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	31%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	39%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	31%
2030	C_Lodging	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Lodging	Com - Room Air Conditioners	NEW	35%
2030	C_Lodging	Com - Room Air Conditioners	RET	35%
2030	C_Lodging	Com - Room Air Conditioners	ROB	35%
2030	C_Lodging	Com - RTU with Demand Control	RET	2%
2030	C_Lodging	Com - Water Source Heat Pump	NEW	45%
2030	C_Lodging	Com - Water Source Heat Pump	ROB	45%
2030	C_Lodging	Com - Zero-Energy Doors	RET	45%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	35%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	51%
2030	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	51%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	35%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	51%
2030	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2030	C_Mining/Oil & Gas Extra	Ind - Air compressor VFD	RET	9.884m
2030	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	42%
2030	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	32%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	67%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	67%
2030	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	26%
2030	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	32%
2030	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	89%
2030	C_Office	Com - Anti-Sweat Heater Controls	RET	72%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2030	C_Office	Com - Custom cooling	NEW	39%
2030	C_Office	Com - Custom cooling	RET	51%
2030	C_Office	Com - Custom Lighting	NEW	58%
2030	C_Office	Com - Custom motors	NEW	39%
2030	C_Office	Com - Custom motors	RET	51%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	42%
2030	C_Office	Com - Exterior LED fixture	NEW	58%
2030	C_Office	Com - Exterior LED fixture	ROB	58%
2030	C_Office	Com - Exterior LED Lamp	NEW	74%
2030	C_Office	Com - Exterior LED Lamp	ROB	74%
2030	C_Office	Com - Exterior Lighting Controls	RET	41%
2030	C_Office	Com - High Efficiency Central Heat Pump System	NEW	4%
2030	C_Office	Com - High Efficiency Central Heat Pump System	ROB	4%
2030	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2030	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2030	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2030	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2030	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2030	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2030	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	38%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2030	C_Office	Com - Interior Network Connected LED Fixtures	NEW	4.117m
2030	C_Office	Com - Interior Network Connected LED Fixtures	ROB	4.117m
2030	C_Office	Com - Interior Network Connected LED Lamps	NEW	467.1u
2030	C_Office	Com - Interior Network Connected LED Lamps	ROB	467.1u
2030	C_Office	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Office	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Office	Com - Low-flow Faucet Aerator	RET	86%
2030	C_Office	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Office	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Office	Com - Packaged Terminal Air Conditioners	RET	33%
2030	C_Office	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Office	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Office	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_Office	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Office	Com - Room Air Conditioners	NEW	34%
2030	C_Office	Com - Room Air Conditioners	RET	30%
2030	C_Office	Com - Room Air Conditioners	ROB	34%
2030	C_Office	Com - RTU with Demand Control	RET	2%
2030	C_Office	Com - Water Source Heat Pump	NEW	7%
2030	C_Office	Com - Water Source Heat Pump	ROB	7%
2030	C_Office	Com - Zero-Energy Doors	RET	35%
2030	C_Other	Com - Anti-Sweat Heater Controls	RET	63%
2030	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2030	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2030	C_Other	Com - Custom cooling	NEW	39%
2030	C_Other	Com - Custom cooling	RET	51%
2030	C_Other	Com - Custom Lighting	NEW	58%
2030	C_Other	Com - Custom motors	NEW	39%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Other	Com - Custom motors	RET	51%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	10%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	10%
2030	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	70%
2030	C_Other	Com - Exterior LED fixture	NEW	69%
2030	C_Other	Com - Exterior LED fixture	ROB	69%
2030	C_Other	Com - Exterior LED Lamp	NEW	83%
2030	C_Other	Com - Exterior LED Lamp	ROB	83%
2030	C_Other	Com - Exterior Lighting Controls	RET	38%
2030	C_Other	Com - High Efficiency Central Heat Pump System	NEW	17%
2030	C_Other	Com - High Efficiency Central Heat Pump System	ROB	17%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	27%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	27%
2030	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	45%
2030	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	45%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	86%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	86%
2030	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	31%
2030	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	31%
2030	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2030	C_Other	Com - Interior Network Connected LED Fixtures	NEW	5.651m
2030	C_Other	Com - Interior Network Connected LED Fixtures	ROB	5.651m
2030	C_Other	Com - Interior Network Connected LED Lamps	NEW	298.6u
2030	C_Other	Com - Interior Network Connected LED Lamps	ROB	298.6u
2030	C_Other	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Other	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Other	Com - Low-flow Faucet Aerator	NEW	66%
2030	C_Other	Com - Low-flow Faucet Aerator	RET	69%
2030	C_Other	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Other	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Other	Com - Packaged Terminal Air Conditioners	RET	32%
2030	C_Other	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Other	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Other	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_Other	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Other	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Other	Com - Room Air Conditioners	NEW	34%
2030	C_Other	Com - Room Air Conditioners	RET	25%
2030	C_Other	Com - Room Air Conditioners	ROB	34%
2030	C_Other	Com - RTU with Demand Control	RET	2%
2030	C_Other	Com - Water Source Heat Pump	NEW	21%
2030	C_Other	Com - Water Source Heat Pump	ROB	21%
2030	C_Other	Com - Zero-Energy Doors	RET	73%
2030	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_Restaurant	Com - Custom cooling	NEW	39%
2030	C_Restaurant	Com - Custom cooling	RET	51%
2030	C_Restaurant	Com - Custom Lighting	NEW	58%
2030	C_Restaurant	Com - Custom motors	NEW	39%
2030	C_Restaurant	Com - Custom motors	RET	51%
2030	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	68%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Restaurant	Com - Exterior LED fixture	NEW	95%
2030	C_Restaurant	Com - Exterior LED fixture	ROB	95%
2030	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2030	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2030	C_Restaurant	Com - Exterior Lighting Controls	RET	57%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	50%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	50%
2030	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	46%
2030	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	46%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2030	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2030	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2030	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	46%
2030	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	46%
2030	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	59%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	6.972m
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	6.972m
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	16.74u
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	16.74u
2030	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	65%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Restaurant	Com - Low-flow Faucet Aerator	RET	67%
2030	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	38%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Restaurant	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Restaurant	Com - Room Air Conditioners	NEW	16%
2030	C_Restaurant	Com - Room Air Conditioners	RET	20%
2030	C_Restaurant	Com - Room Air Conditioners	ROB	16%
2030	C_Restaurant	Com - RTU with Demand Control	RET	2%
2030	C_Restaurant	Com - Water Source Heat Pump	NEW	51%
2030	C_Restaurant	Com - Water Source Heat Pump	ROB	51%
2030	C_Restaurant	Com - Zero-Energy Doors	RET	58%
2030	C_Retail	Com - Anti-Sweat Heater Controls	RET	85%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3%
2030	C_Retail	Com - Custom cooling	NEW	39%
2030	C_Retail	Com - Custom cooling	RET	51%
2030	C_Retail	Com - Custom Lighting	NEW	58%
2030	C_Retail	Com - Custom motors	NEW	39%
2030	C_Retail	Com - Custom motors	RET	51%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	10%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	10%
2030	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	46%
2030	C_Retail	Com - Exterior LED fixture	NEW	90%
2030	C_Retail	Com - Exterior LED fixture	ROB	90%
2030	C_Retail	Com - Exterior LED Lamp	NEW	95%
2030	C_Retail	Com - Exterior LED Lamp	ROB	95%
2030	C_Retail	Com - Exterior Lighting Controls	RET	56%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	6%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	6%
2030	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	4%
2030	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	4%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2030	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2030	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2030	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2030	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2030	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2030	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	6m
2030	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	6m
2030	C_Retail	Com - Interior Network Connected LED Lamps	NEW	130.2u
2030	C_Retail	Com - Interior Network Connected LED Lamps	ROB	130.2u
2030	C_Retail	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Retail	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	12%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	RET	23%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	12%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	RET	38%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Retail	Com - Room Air Conditioners	NEW	16%
2030	C_Retail	Com - Room Air Conditioners	RET	22%
2030	C_Retail	Com - Room Air Conditioners	ROB	16%
2030	C_Retail	Com - RTU with Demand Control	RET	67%
2030	C_Retail	Com - Water Source Heat Pump	NEW	7%
2030	C_Retail	Com - Water Source Heat Pump	ROB	7%
2030	C_Retail	Com - Zero-Energy Doors	RET	44%
2030	C_School	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2030	C_School	Com - Custom cooling	NEW	39%
2030	C_School	Com - Custom cooling	RET	51%
2030	C_School	Com - Custom Lighting	NEW	58%
2030	C_School	Com - Custom motors	NEW	39%
2030	C_School	Com - Custom motors	RET	51%
2030	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_School	Com - Direct Evaporative Pre-Cooling	NEW	7%
2030	C_School	Com - Direct Evaporative Pre-Cooling	ROB	7%
2030	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	34%
2030	C_School	Com - Exterior LED fixture	NEW	10%
2030	C_School	Com - Exterior LED fixture	ROB	10%
2030	C_School	Com - Exterior LED Lamp	NEW	20%
2030	C_School	Com - Exterior LED Lamp	ROB	20%
2030	C_School	Com - Exterior Lighting Controls	RET	42%
2030	C_School	Com - High Efficiency Central Heat Pump System	NEW	5%
2030	C_School	Com - High Efficiency Central Heat Pump System	ROB	5%
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	40%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	40%
2030	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2030	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2030	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2030	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2030	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	39%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2030	C_School	Com - Interior Network Connected LED Fixtures	NEW	4.033m
2030	C_School	Com - Interior Network Connected LED Fixtures	ROB	4.033m
2030	C_School	Com - Interior Network Connected LED Lamps	NEW	925.1u
2030	C_School	Com - Interior Network Connected LED Lamps	ROB	925.1u
2030	C_School	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_School	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2030	C_School	Com - Low-flow Faucet Aerator	RET	68%
2030	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_School	Com - Packaged Terminal Air Conditioners	NEW	10%
2030	C_School	Com - Packaged Terminal Air Conditioners	RET	8%
2030	C_School	Com - Packaged Terminal Air Conditioners	ROB	10%
2030	C_School	Com - Packaged Terminal Heat Pumps	NEW	29%
2030	C_School	Com - Packaged Terminal Heat Pumps	RET	29%
2030	C_School	Com - Packaged Terminal Heat Pumps	ROB	29%
2030	C_School	Com - Pre-rinse Spray Valves	RET	52%
2030	C_School	Com - Room Air Conditioners	NEW	12%
2030	C_School	Com - Room Air Conditioners	RET	2%
2030	C_School	Com - Room Air Conditioners	ROB	12%
2030	C_School	Com - RTU with Demand Control	RET	2%
2030	C_School	Com - Water Source Heat Pump	NEW	6%
2030	C_School	Com - Water Source Heat Pump	ROB	6%
2030	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	72%
2030	C_Warehouse	Com - Custom cooling	NEW	39%
2030	C_Warehouse	Com - Custom cooling	RET	51%
2030	C_Warehouse	Com - Custom Lighting	NEW	58%
2030	C_Warehouse	Com - Custom motors	NEW	39%
2030	C_Warehouse	Com - Custom motors	RET	51%
2030	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%
2030	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	6%
2030	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2030	C_Warehouse	Com - Exterior LED fixture	NEW	91%
2030	C_Warehouse	Com - Exterior LED fixture	ROB	91%
2030	C_Warehouse	Com - Exterior LED Lamp	NEW	95%
2030	C_Warehouse	Com - Exterior LED Lamp	ROB	95%
2030	C_Warehouse	Com - Exterior Lighting Controls	RET	54%
2030	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	5%
2030	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	5%
2030	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW	3%
2030	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB	3%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	25%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	25%
2030	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	63%
2030	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	63%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2030	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	23%
2030	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	23%
2030	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2030	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	8.441m
2030	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	8.441m
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	67.78u
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	67.78u
2030	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	35%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Warehouse	Com - Room Air Conditioners	NEW	34%
2030	C_Warehouse	Com - Room Air Conditioners	RET	33%
2030	C_Warehouse	Com - Room Air Conditioners	ROB	34%
2030	C_Warehouse	Com - RTU with Demand Control	RET	2%
2030	C_Warehouse	Com - Water Source Heat Pump	NEW	8%
2030	C_Warehouse	Com - Water Source Heat Pump	ROB	8%
2030	C_Warehouse	Com - Zero-Energy Doors	RET	27%
2030	I_Agriculture	Ind - Air compressor VFD	RET	9.884m
2030	I_Agriculture	Ind - Air Compressor Optimization	RET	42%
2030	I_Agriculture	Ind - Dew Point Controls	RET	32%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	72%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	72%
2030	I_Agriculture	Ind - Mist Eliminators	RET	26%
2030	I_Agriculture	Ind - No Air Loss Drain	RET	37%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	90%
2030	I_Manufacturing	Ind - Air compressor VFD	RET	9.884m
2030	I_Manufacturing	Ind - Air Compressor Optimization	RET	45%
2030	I_Manufacturing	Ind - Dew Point Controls	RET	32%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	75%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	75%
2030	I_Manufacturing	Ind - Mist Eliminators	RET	26%
2030	I_Manufacturing	Ind - No Air Loss Drain	RET	32%
2030	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	89%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	7%
2030	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	7%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	73%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	73%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	25%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m
2030	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2030	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	76%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	67%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	75%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	65%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	64%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2030	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	5%
2030	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2030	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	15%
2030	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.349m
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	7%
2030	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	7%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	35%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	9%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	9%
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	46.26u
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	46.26u

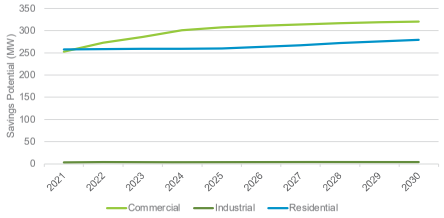
Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m	
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m	
2030	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2030	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		94%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2030	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	146.4p	
2030	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	146.4p	
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET		33%
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET		32%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		67%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		54%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET		90%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET		90%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET		90%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		90%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		84%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW		85%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET		76%
2030	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.517m	
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		68%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		68%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		67%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		4%
2030	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET		3%
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET		16%
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET		7%
2030	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW		28%
2030	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET		26%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET		65%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET		63%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.349m	
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		83%
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		85%
2030	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		7%
2030	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		7%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET		18%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET		18%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET		18%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		84%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		84%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET		90%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		17%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW		22%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB		22%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m	
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m	
2030	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2030	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		94%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2030	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW		0%
2030	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB		0%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET		39%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET		38%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		26%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	77%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	69%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	68%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2030	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	676.4u
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	64%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	63%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	62%
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	35.96f
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	13.49u
2030	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	15%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2030	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	23%
2030	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	67%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	66%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2030	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	74%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	74%
2030	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	74%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	44%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.434m
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.434m
2030	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2030	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	79%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	59%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2030	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	86%
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	78%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	77%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	68%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	58%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	58%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2030	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	9%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	16%
2030	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	18%
2030	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	17%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	65%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2030	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	75%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	75%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	75%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	30%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	30%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	26%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	26%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.539m
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.539m
2030	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2030	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	80%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	67%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	61%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	61%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	60%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	5%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2030	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	18%
2030	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%

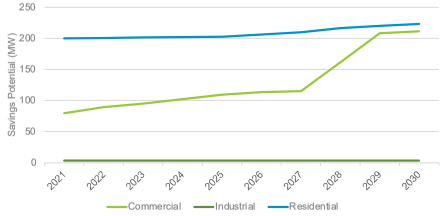
Electric Demand Technical Potential by Sector (MW)			
	Commercial	Industrial	Residential
2020	250	4	262
2021	253	4	258
2022	273	4	258
2023	286	4	259
2024	301	4	259
2025	307	4	260
2026	311	4	263
2027	314	4	267
2028	317	4	272
2029	319	4	276
2030	321	4	279

Savings Potential (MW)



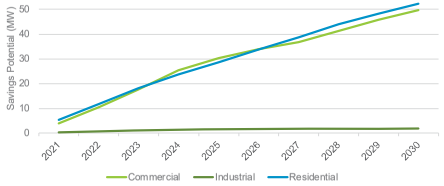
Electric Demand Economic Potential by Sector (MW)			
	Commercial	Industrial	Residential
2020	72	3	202
2021	80	3	200
2022	89	3	201
2023	95	3	202
2024	102	3	202
2025	109	3	203
2026	113	3	206
2027	115	3	210
2028	162	3	217
2029	208	3	220
2030	212	3	224

Savings Potential (MW)



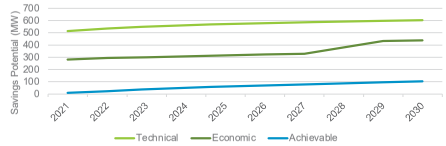
Total Electric Demand Potential by Potential Type (MW)			
	Commercial	Industrial	Residential
2020	0	0	0
2021	4	0	5
2022	10	1	12
2023	18	1	18
2024	25	1	24
2025	30	2	29
2026	34	2	34
2027	37	2	39
2028	41	2	44
2029	46	2	48
2030	50	2	52

Savings Potential (MW)



Total Electric Demand Potential by Potential Type (MW)			
	Technical	Economic	Achievable
2020	516	278	0
2021	515	283	10
2022	535	293	23
2023	548	300	37
2024	564	307	51
2025	571	315	61
2026	578	323	70
2027	585	328	77
2028	593	382	87
2029	599	432	96
2030	604	439	104

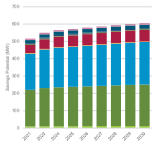
Savings Potential (MW)



Nonres Demand Potential Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	10	9	10	10	11	11	11	11	12	12	12
Space Cooling	212	215	216	220	224	228	228	232	235	237	239
Space Heating and Cooling	210	209	217	222	228	231	234	237	241	244	246
Appliances	1	1	1	1	1	1	1	1	1	1	1
Electronics	3	3	3	3	3	3	3	3	3	3	3
Lighting	47	47	48	48	50	52	53	54	56	58	60
Refrigeration	4	4	4	4	4	4	4	4	4	4	4
Whole Building	5	5	5	5	5	5	5	5	5	5	5
Fans, Blowers, Motors, Drives and Pumps	17	18	19	19	20	20	20	20	21	21	21
Cooking	0	0	0	1	1	1	1	1	1	1	1
Compressed Air	1	1	1	1	1	1	1	1	1	1	1
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

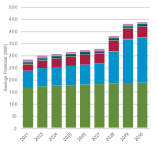
Savings Potential (MW)



Nonres Demand Economic Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	4	5	5	5	6	6	6	6	6	6	6
Space Cooling	163	165	166	169	172	175	175	177	180	181	183
Space Heating and Cooling	71	71	74	76	78	80	83	85	103	106	106
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	2	2	2	2	2	2	2	2	2	2	2
Lighting	33	33	33	33	34	34	37	40	41	42	43
Refrigeration	3	3	3	3	3	3	3	3	3	3	3
Whole Building	5	5	5	5	5	5	5	5	5	5	5
Fans, Blowers, Motors, Drives and Pumps	4	4	4	4	4	4	4	4	4	4	4
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	1	1	1	1	1	1	1	1	1	1	1
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

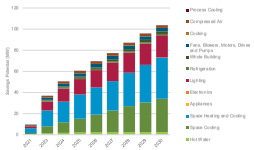
Savings Potential (MW)



Nonres Demand Achievable Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	0	1	1	2	2	2	2	2	2	2
Space Cooling	5	7	4	7	10	13	17	21	26	36	32
Space Heating and Cooling	0	5	10	15	20	23	26	28	32	35	39
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	0	0	0	0	13	16	16	18	19	20	21
Refrigeration	0	0	1	1	1	1	1	1	1	1	1
Whole Building	0	0	0	1	1	1	1	2	2	2	2
Fans, Blowers, Motors, Drives and Pumps	0	1	1	2	3	3	3	3	3	3	3
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	0	0	0	0	0	0	0	0	0	0
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Savings Potential (MW)



Nonres Demand Potential Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	10	9	10	10	11	11	11	11	12	12	12
Space Cooling	212	215	216	220	224	228	228	232	235	237	239
Space Heating and Cooling	210	209	217	222	228	231	234	237	241	244	246
Appliances	1	1	1	1	1	1	1	1	1	1	1
Electronics	3	3	3	3	3	3	3	3	3	3	3
Lighting	47	47	48	48	50	52	53	54	56	58	60
Refrigeration	4	4	4	4	4	4	4	4	4	4	4
Whole Building	5	5	5	5	5	5	5	5	5	5	5
Fans, Blowers, Motors, Drives and Pumps	17	18	19	19	20	20	20	20	21	21	21
Cooking	0	0	0	1	1	1	1	1	1	1	1
Compressed Air	1	1	1	1	1	1	1	1	1	1	1
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

Savings Potential (MW)

Nonres Demand Economic Potential Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	4	5	5	5	6	6	6	6	6	6	6
Space Cooling	163	165	166	169	172	175	175	177	180	181	183
Space Heating and Cooling	71	71	74	76	78	80	83	85	103	106	106
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	2	2	2	2	2	2	2	2	2	2	2
Lighting	33	33	33	33	34	34	37	40	41	42	43
Refrigeration	3	3	3	3	3	3	3	3	3	3	3
Whole Building	5	5	5	5	5	5	5	5	5	5	5
Fans, Blowers, Motors, Drives and Pumps	4	4	4	4	4	4	4	4	4	4	4
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	1	1	1	1	1	1	1	1	1	1	1
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

Savings Potential (MW)

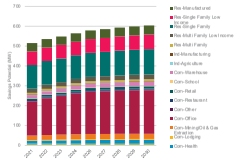
Nonres Demand Achievable Potential by End Use

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	0	1	1	2	2	2	2	2	2	2
Space Cooling	5	7	4	7	10	13	17	21	26	36	32
Space Heating and Cooling	0	5	10	15	20	23	26	28	32	35	39
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	0	0	0	0	13	16	16	18	19	20	21
Refrigeration	0	0	1	1	1	1	1	1	1	1	1
Whole Building	0	0	0	1	1	1	1	2	2	2	2
Fans, Blowers, Motors, Drives and Pumps	0	1	1	2	3	3	3	3	3	3	3
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	0	0	0	0	0	0	0	0	0	0
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Savings Potential (MW)

Electric Demand Technical Potential by Customer Class (GWh)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	4	4	5	5	5	5	5	5	5	5	5
Com-Grocery	5	5	5	5	5	5	5	5	5	5	5
Com-Health	13	13	14	15	16	16	17	17	17	17	17
Com-Lodging	4	4	4	4	4	4	4	4	4	4	4
Com-Mining Oil & Gas Extraction	22	23	24	25	26	26	26	26	26	26	26
Com-Other	13	13	14	14	15	15	15	15	15	15	15
Com-Office	3	3	3	3	3	3	3	3	3	3	3
Com-Restaurant	5	5	5	5	5	6	6	6	6	6	6
Com-Retail	8	8	9	9	10	10	11	11	11	11	11
Com-School	1	1	1	1	1	1	1	1	1	1	1
Com-Warehouse	15	15	15	15	15	15	15	15	15	15	15
Ind-Agriculture	1	1	1	1	1	1	1	1	1	1	1
Ind-Manufacturing	3	3	3	3	3	3	3	3	3	3	3
Res-Mult Family	8	8	8	8	8	8	8	8	8	8	8
Res-Mult Family Low Income	23	23	23	23	23	23	23	23	23	24	24
Res-Single Family	48	48	48	48	48	48	48	48	48	48	48
Res-Single Family Low Income	68	68	68	68	68	68	68	70	70	70	70
Res-Manufactured	43	42	42	42	42	42	42	43	44	45	46

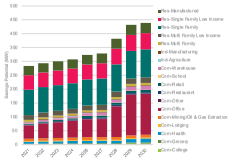


Energy Potential (GWh)

Electric Demand Economic Potential by Customer Class (GWh)

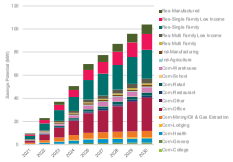
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	2	1	2	2	2	2	2	2	2	4	4
Com-Grocery	2	2	2	2	3	3	3	3	3	4	4
Com-Health	6	7	7	8	8	9	9	9	9	12	14
Com-Lodging	2	2	2	2	2	3	3	3	3	3	3
Com-Mining Oil & Gas Extraction	10	10	10	10	10	10	10	10	10	10	10
Com-Other	42	46	50	56	60	62	64	66	110	130	147
Com-Office	1	1	1	1	1	2	2	2	2	2	2
Com-Restaurant	2	3	3	3	3	3	4	4	4	4	4
Com-Retail	2	3	3	4	5	7	7	7	8	8	8
Com-School	0	0	0	0	0	0	0	0	1	1	1
Com-Warehouse	5	5	5	5	5	5	5	5	5	5	5
Ind-Agriculture	1	1	1	1	1	1	1	1	1	1	1
Ind-Manufacturing	2	2	2	2	2	2	2	2	2	2	2
Res-Mult Family	6	6	6	6	6	6	6	7	7	7	7
Res-Mult Family Low Income	17	17	17	17	17	18	18	19	19	20	20
Res-Single Family	50	50	50	50	50	50	50	50	50	50	50
Res-Single Family Low Income	53	52	52	52	55	53	54	55	57	56	56
Res-Manufactured	34	33	33	33	34	34	34	35	36	37	37

Energy Potential (GWh)



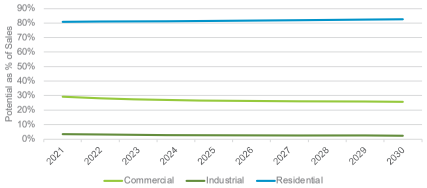
Electric Demand Achievable Potential by Customer Class (GWh)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	0	0	0	0	0	1	1	1	1	1	1
Com-Grocery	0	0	0	0	1	1	1	1	1	1	1
Com-Health	0	0	1	2	2	3	3	3	3	3	4
Com-Lodging	0	0	0	0	0	1	1	1	1	1	1
Com-Mining Oil & Gas Extr	0	1	3	5	8	9	9	9	9	9	9
Com-Other	0	1	2	4	12	15	17	19	22	26	29
Com-Office	0	0	0	0	0	0	0	1	1	1	1
Com-Restaurant	0	0	0	1	1	1	1	1	1	1	1
Com-Retail	0	0	0	1	1	2	2	2	2	3	3
Com-School	0	0	0	0	0	0	0	0	0	0	0
Com-Warehouse	0	0	0	0	0	1	1	1	1	1	1
Ind-Agriculture	0	0	0	0	0	1	1	1	1	1	1
Ind-Manufacturing	0	0	1	1	1	1	1	1	1	1	1
Res-Mult Family	0	0	0	0	1	1	1	1	1	1	1
Res-Mult Family Low Inco	0	0	1	1	2	2	2	3	3	4	4
Res-Single Family	0	1	2	3	4	5	6	7	8	9	10
Res-Single Family Low Inc	0	1	3	5	6	7	9	10	11	13	14
Res-Manufactured	0	1	2	3	3	4	5	6	7	8	8



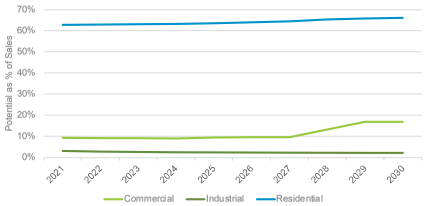
Electric Demand Technical Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	42.3%	31.4%	3.8%	81.0%
2021	39.9%	29.3%	3.4%	81.0%
2022	37.9%	28.1%	3.1%	81.0%
2023	36.7%	27.4%	2.9%	81.2%
2024	35.5%	26.7%	2.7%	81.2%
2025	35.1%	26.4%	2.6%	81.3%
2026	34.9%	26.2%	2.5%	81.6%
2027	34.8%	26.1%	2.5%	81.8%
2028	34.7%	25.9%	2.5%	82.2%
2029	34.7%	25.8%	2.4%	82.4%
2030	34.7%	25.7%	2.4%	82.6%

Potential as % of Sales



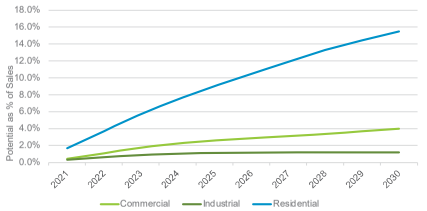
Electric Demand Economic Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	22.8%	9.1%	3.4%	62.6%
2021	22.0%	9.2%	3.1%	62.8%
2022	20.7%	9.2%	2.8%	62.9%
2023	20.1%	9.1%	2.6%	63.1%
2024	19.3%	9.0%	2.4%	63.3%
2025	19.4%	9.4%	2.3%	63.5%
2026	19.5%	9.6%	2.3%	63.9%
2027	19.5%	9.5%	2.3%	64.4%
2028	22.4%	13.2%	2.2%	65.4%
2029	25.0%	16.8%	2.2%	65.8%
2030	25.2%	17.0%	2.2%	66.1%

Potential as % of Sales



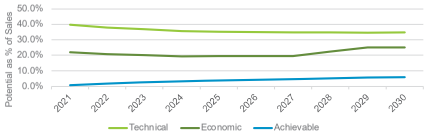
Electric Demand Achievable Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	0.0%	0.0%	0.0%	0.0%
2021	0.7%	0.5%	0.3%	1.7%
2022	1.6%	1.1%	0.6%	3.7%
2023	2.5%	1.7%	0.9%	5.7%
2024	3.2%	2.3%	1.0%	7.4%
2025	3.7%	2.6%	1.1%	9.0%
2026	4.2%	2.9%	1.2%	10.5%
2027	4.6%	3.1%	1.2%	11.9%
2028	5.1%	3.4%	1.2%	13.3%
2029	5.5%	3.7%	1.2%	14.4%
2030	6.0%	4.0%	1.2%	15.5%

Potential as % of Sales



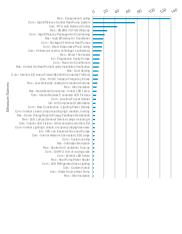
Electric Demand Potential by Potential Type as a Percent of Total Sales (%)			
	Technical	Economic	Achievable
2020	42.3%	22.8%	0.0%
2021	39.9%	22.0%	0.7%
2022	37.9%	20.7%	1.6%
2023	36.7%	20.1%	2.5%
2024	35.5%	19.3%	3.2%
2025	35.1%	19.4%	3.7%
2026	34.9%	19.5%	4.2%
2027	34.8%	19.5%	4.6%
2028	34.7%	22.4%	5.1%
2029	34.7%	25.0%	5.5%
2030	34.7%	25.2%	6.0%

Potential as % of Sales



Rank	Measure	% Of Total Potential
1	Fire - Evaporative Cooler Big a	12.6 %
2	Com - High Efficiency Ge Wall Fan & Pump Upsize m	7.6
3	Com - PTS2 with Ge Heat Cool m	44.5
4	Res - Duct Sealing and Ins Ceiling	21.7
5	Ok Ho - Mg Efficiency Pumping and Ac Cond Monmg	21.7
6	Res - Hatt. Ell Sub Ins Ac Cond & Hat.	16.2
7	Com - Pumping w/ Twinnin w/ Heat Pum pu	16
8	Com - Direct Dsep and w/ Ow Fr Ac Cond &	14.8
9	Com - Chillers Lan ps (Ow new / Ow mrxs ins	16.3
10	Res - Ste wh Twin mode	12.3
11	Ind - Pmp wavine Cando Pump s	12.8
12	Com - Ch ts Ins Ac Cond m	12.8
13	Res - Ce ntral AC/Heat Pu mp Ins ulat ing Installation & Verification (IQAV)	11.6
14	Res - Duct Sealing	11.9
15	Co ns t ches LED Lines (Fit ed ucts Installed in Existing Traffi ed)	8.8
16	Com - HVAC Variable Frequen cy Drives	8.8
17	Res - Lowe rsonic cooling, fo rd ended sinnds ec	7.7
18	Res - Wh insulation	7.7
19	Ng s Nation dwell. Ds mand ed - Indoo r LED Lamp s	7.8
20	Com - Inte ior Ho tsoob Cos nsulat LED Fixtur es	8.8
21	Ok Ho - Low Rise P ackaged Heatin r	8.5
22	Res - Ce ntral AC/Heat Pu mp Ins ulat ing Installation & Verification (IQAV)	8.8
23	Com - Heat Cond ucitor - Light ing Power Density	8.8
24	Com - Inte ior Lin ear Lamp (in cluding high, medium, low ba s lamps)	8.3
25	Res - Home Ene lop Rep ort (Ho mep - Feed back Provide ntial)	8
26	LED Lam ps (Ow new / Ow mrxs ins tall ed in Lam ds, Especially Lar	8
27	Com - Ch ts Ins Ac Cond m (Ins tall ed Ch ts Ins Ac Cond m)	8.2
28	Ok Ho - Inte rior Light ing Con trols - s cupancy daylight ce nsors	4.1
29	Ind - Pr Ow ers ndustr ial Fan s and Fan pu	4.1
30	Com - Inte rior Lin ear Lamp s - LED Lamp s	3.8
31	Co ns t Ex ster ior Ligh ting	3.8
32	Res - Ultimate s Reduc ts s	3.7
33	Res - Ex ste rior Ch ts (Ultimo T ions up	3.7
34	Ok Ho - Ok RTU Ut ili ed ver ying sizes	3.7
35	Res - Ste wh Twin Ins ulat ion	3.8
36	Res - Heat Pu mp Water Heater	2.8
37	Com - LED Ref ig and Cooe Lighting	2.8
38	Com - Cooker mode s	2.8
39	Com - Water Flow s in Heat Pum p	2.8
40	Res - Ste l Ins ulation	2.8

Measure Name

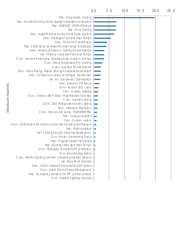


Rank	Measure	% Of Total Potential
1	Fire - Evaporative Cooler Big a	13.1 %
2	Com - High Efficiency Ge ntra l Ai r Pump Upsize m	11.2
3	Com - PTS2 with Ge neat Cooli nd	46.5
4	Res - Duct Sealing and Ins Ceiling	28.4
5	Com - Pumping w/ Twinnin w/ Heat Pum pu	16.1
6	Com - Direct Dsep and w/ Ow Fr Ac Cond &	14.8
7	Res - Ste wh Twin mode	14.3
8	Com - Floor Ge Conditi on ers	12.6
9	Res - Ce ntral AC/Heat Pu mp Ins ulat ing Installation & Verification (IQAV)	11.6
10	Res - Duct Sealing	11.6
11	LED Lam ps (Ow new / Ow mrxs ins tall ed in Lam ds, Especially Lar	8.8
12	Com - Chillers Lan ps (ow new / ow mrxs ins tall ed	8.8
13	Ok Ho - Low Rise P ackaged Heatin r	8.5
14	Ind - Pr Ow ers ndustr ial Fan s and Fan pu	8.3
15	Com - Inte rior Lin ear Lamp (including high, medium, low ba s lamps)	8.3
16	Com - New Cond ucitor - Light ing Power Density	8.8
17	Res - Home Ene lop Rep ort (Ho mep - Feed back Provide ntial)	8.8
18	Com - Inte rior Ho tsoob Cos nsulat LED Fixtur es	4.7
19	Ind - Ce ntral Air Co mpre ssor Optimiz ati on	4.1
20	Co ns t Ex ster ior Ligh ting	3.3
21	Com - Inte rior Ho tsoob Cos nsulat LED Lamp s	3.3
22	Com - Ch ts Ins Ac Cond m	3.3
23	Com - ECM mot ors fo r ventilat ion and audio co ulers a nd flow pass	2.3
24	Com - Cooker Lighting	2.2
25	Com - Inte rior Lin ear Lamp s - LED Lighting	2.2
26	Ok Ho - Bale rics (BC) Lamp	2.2
27	Res - Ultimate s Reduc ts s	1.8
28	Res - Co ling Insula tion	1.8
29	Res - Ste wh Wh Flow s	1.8
30	Ok Ho - Inte rior Light ing Con trols - s cupancy daylight ce nsors	1.4
31	Com - Pumpage Tie rmina l Air Condition ers	1.3
32	Com - Inte rior LED Fixtur e - High Bleed s nlu a s Day	1.3
33	Res - Ste l Insulation	1.1
34	In d - L ED L ig hting Ve re duction	1.1
35	Ok Ho - Ow Ers ndustr ial Fan s	1.1
36	Com - Exterior Lighting Contr ols	0.8
37	Com - Ste el Ins ul Doors	0.8
38	Ind - Clean Fixtur Ends Sidin	0.8

Measure Name

Rank	Measure	% Of Total Potential
1	Fire - Evaporative Cooler Big a	12.6
2	Com - High Efficiency Ge ntra l Ai r Pump Upsize m	7.6
3	Com - PTS2 with Ge neat Cooli nd	46.5
4	Res - Duct Sealing and Ins Ceiling	28.4
5	Com - Pumping w/ Twinnin w/ Heat Pum pu	16.1
6	Com - Direct Dsep and w/ Ow Fr Ac Cond &	14.8
7	Res - Ste wh Twin mode	14.3
8	Com - Floor Ge Conditi on ers	12.6
9	Res - Ce ntral AC/Heat Pu mp Ins ulat ing Installation & Verification (IQAV)	11.6
10	Res - Duct Sealing	11.6
11	LED Lam ps (Ow new / Ow mrxs ins tall ed in Lam ds, Especially Lar	8.8
12	Com - Chillers Lan ps (ow new / ow mrxs ins tall ed	8.8
13	Ok Ho - Low Rise P ackaged Heatin r	8.5
14	Ind - Pr Ow ers ndustr ial Fan s and Fan pu	8.3
15	Com - Inte rior Lin ear Lamp (including high, medium, low ba s lamps)	8.3
16	Com - New Cond ucitor - Light ing Power Density	8.8
17	Res - Home Ene lop Rep ort (Ho mep - Feed back Provide ntial)	8.8
18	Com - Inte rior Ho tsoob Cos nsulat LED Fixtur es	4.7
19	Ind - Ce ntral Air Co mpre ssor Optimiz ati on	4.1
20	Co ns t Ex ster ior Ligh ting	3.3
21	Com - Inte rior Ho tsoob Cos nsulat LED Lamp s	3.3
22	Com - Ch ts Ins Ac Cond m	3.3
23	Com - Inte rior Lin ear Lamp s - LED Lighting	2.2
24	Com - Cooker Lighting	2.2
25	Com - ECM mot ors fo r ventilat ion and audio co ulers a nd flow pass	2.3
26	Ok Ho - Bale rics (BC) Lamp	2.2
27	Res - Ultimate s Reduc ts s	1.8
28	Res - Co ling Insula tion	1.8
29	Res - Ste wh Wh Flow s	1.8
30	Com - Pumpage Tie rmina l Air Condition ers	1.3
31	Com - Inte rior LED Fixtur e - High Bleed s nlu a s Day	1.3
32	Res - Ste l Insulation	1.1
33	In d - L ED L ig hting Ve re duction	1.1
34	Ok Ho - Ow Ers ndustr ial Fan s	1.1
35	Com - Exterior Lighting Contr ols	0.8
36	Com - Ste el Ins ul Doors	0.8
37	Ind - Clean Fixtur Ends Sidin	0.8

Measure Name



Rank	Measure	% Of Total Potential
1	Res - Duct Sealing and Ins Ceiling	28.4
2	Com - PTS2 with Ge neat Cooli nd	46.5
3	Com - Pumping w/ Twinnin w/ Heat Pum pu	16.1
4	Com - Direct Dsep and w/ Ow Fr Ac Cond &	14.8
5	Com - Chillers Lan ps (ow new / ow mrxs ins tall ed	16.3
6	Res - Ste wh Twin mode	14.3
7	Com - Floor Ge Conditi on ers	12.6
8	Com - Inte rior Lin ear Lamp (including high, medium, low ba s lamps)	8.3
9	Com - New Cond ucitor - Light ing Power Density	8.8
10	Res - Home Ene lop Rep ort (Ho mep - Feed back Provide ntial)	8.8
11	Com - Inte rior Ho tsoob Cos nsulat LED Fixtur es	4.7
12	Com - Ch ts Ins Ac Cond m	3.3
13	Com - Inte rior Ho tsoob Cos nsulat LED Lamp s	3.3
14	Com - Inte rior Lin ear Lamp s - LED Lighting	2.2
15	Com - Cooker Lighting	2.2
16	Com - ECM mot ors fo r ventilat ion and audio co ulers a nd flow pass	2.3
17	Res - Ultimate s Reduc ts s	1.8
18	Res - Co ling Insula tion	1.8
19	Res - Ste wh Wh Flow s	1.8
20	Com - Pumpage Tie rmina l Air Condition ers	1.3
21	Com - Inte rior LED Fixtur e - High Bleed s nlu a s Day	1.3
22	Res - Ste l Insulation	1.1
23	In d - L ED L ig hting Ve re duction	1.1
24	Com - Exterior Lighting Contr ols	0.8
25	Com - Ste el Ins ul Doors	0.8
26

Table 5 - Cumulative Present Value Total Cost of Ownership (2021 $)

	Measure	Levelized CE-All ($/kWh)	CE Install Year PV cost of ($M)
1	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultFamily|1|and 2|PS	$0.20	2.40
2	Res - Evaporative Co ding - 100% Applicable | NEW | R_SingleFamily|1|and 2|PS	$0.20	2.40
3	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultF ambly|1|and 2|PS	$0.20	24.00
4	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultFamily|1|and 2|PS	$0.20	36.00
5	Res - Evaporative Co ding - 100% Applicable | NEW | R_SingleFamily Low Income|1|and 2|PS	$0.20	48.00
6	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultFamily Low Income|1|and 2|PS	$0.20	60.00
7	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family|1|to 2|PS	$0.20	48.00
8	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family|1|to 2|PS	$0.20	96.00
9	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income|1|and 2|PS	$0.20	72.00
10	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income|1|and 2|PS	$0.20	12.00
11	Res - Small Non Install - Space Heating - 0H | 1-5 | R|T | R_Manufactured|1|and 2|PS	$0.70	13.00
12	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_MultFamily|1|and 2|PS	$0.73	13.00
13	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_MultFamily|3|or 4|PS	$0.73	13.00
14	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Single Family|1|and 2|PS	$0.73	39.00
15	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Single Family|3|or 4|PS	$0.73	13.00
16	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Mobile Home|1|and 2|PS	$0.73	13.00
17	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Multi Family|1|and 2|PS	$0.73	13.00
18	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Multi Family|3|or 4|PS	$0.73	13.00
19	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Single Family Low Income|1|and 2|PS	$0.73	13.00
20	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Single Family Low Income|3|or 4|PS	$0.73	13.00
21	Ind - No Ag Less Crops (RET 1) Agriculture | Non | SPS	$0.41	13.00
22	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Mobile Home|1|and 2|PS	$0.73	13.00
23	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$0.82	13.00
24	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Multi Family|3|or 4|PS	$0.82	13.00
25	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$0.82	13.00
26	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|3|or 4|PS	$0.82	13.00
27	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Manufactured|1|and 2|PS	$1.138	14.00
28	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_MultFamily|1|and 2|PS	$1.138	14.00
29	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_MultFamily|3|or 4|PS	$1.138	14.00
30	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$1.138	14.00
31	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family|3|or 4|PS	$1.138	14.00
32	Res - Low Fuel Fan Assist Air Heat | PERT | C_College | Non | SPS	$14.43	14.00
33	Res - Low Fuel Fan Assist Air Heat | PERT | C_Office | Non | SPS	$14.43	14.00
34	Res - Low Fuel Fan Assist Air Heat | PERT | C_School | Non | SPS	$14.43	14.00
35	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_M.fuel.ste.ad.ed | Non | SPS	$10.81	14.00
36	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$10.81	14.00
37	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$10.81	14.00
38	Res - Small Non Install - Space Heating - 0H | 6|C | R|T | R_Single Ag.dw.ch.ed | Non | SPS	$10.81	14.00
39	Res - Low Fuel Fan Assist Air Heat | PERT | C_Health | Non | SPS	$14.43	14.00
40	Res - Low Fuel Fan Assist Air Heat | PERT | C_Other | Non | SPS	$14.43	14.00
41	Res - Low Fuel Fan Assist Air Heat | PERT | C_Office | Non | SPS	$18.28	13.75
42	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_Manufactured | Non | SPS	$19.41	13.75
43	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_M.fuel.ste.ad.ed | Non | SPS	$19.41	13.75
44	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_Multi Family|1|and 2|PS	$19.41	13.75
45	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_Single Family|1|and 2|PS	$19.41	13.75
46	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_Single Family Low Income|1|and 2|PS	$19.41	13.75
47	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | R|T | R_Single Ag.dw.ch.ed | Non | SPS	$19.41	13.75
48	Res - Packaged Terminal Heat Pumps | PERT | C_Restaurant | Non | SPS	$29.11	13.75
49	Res - Packaged Terminal Heat Pumps | NEW | C_Retail | Non | SPS	$29.11	13.75
50	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$24.91	13.75
51	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$24.91	13.75
52	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family|3|or 4|PS	$24.91	13.75
53	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$24.91	13.75
54	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$24.91	13.75
55	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Ag.dw.ch.ed | Non | SPS	$24.91	13.75
56	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|1|and 2|PS	$24.98	13.75
57	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|3|or 4|PS	$24.98	13.75
58	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$24.98	13.75
59	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|3|or 4|PS	$24.98	13.75
60	Res - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Non | SPS	$29.11	13.75
61	Co. Packaged Terminal Heat Pumps | NEW | C_Office | Non | SPS	$28.78	13.75
62	Co. Packaged Terminal Heat Pumps | NEW | C_Health | Non | SPS	$28.78	13.75
63	Co. Packaged Terminal Heat Pumps | NEW | C_Other | Non | SPS	$28.78	13.75
64	Co. Low Fuel Fan Assist Air | NEW | C_Restaurant | Non | SPS	$28.43	13.75
65	Co. Low Fuel Fan Assist Air | NEW | C_School | Non | SPS	$28.43	13.75
66	Co. Low Fuel Fan Assist Air | NEW | C_Office | Non | SPS	$28.43	13.75
67	Co. Low Fuel Fan Assist Air | NEW | C_College | Non | SPS	$28.43	13.75
68	Co. Low Fuel Fan Assist Air | NEW | C_Health | Non | SPS	$28.43	13.75
69	Co. Low Fuel Fan Assist Air | NEW | C_Other | Non | SPS	$28.43	13.75
70	Co. Packaged Terminal Heat Pumps | NEW | C_College | Non | SPS	$27.57	13.75
71	Co. Packaged Terminal Heat Pumps | NEW | C_Health | Non | SPS	$27.57	13.75
72	Co. Packaged Terminal Heat Pumps | NEW | C_Other | Non | SPS	$27.57	13.75
73	Co. Packaged Terminal Air Conditioners | NEW | C_Restaurant | Non | SPS	$27.79	13.75
74	Co. Packaged Terminal Air Conditioners | NEW | C_Retail | Non | SPS	$27.79	13.75
75	Co. Packaged Terminal Air Conditioners | NEW | C_Food Sales | Non | SPS	$27.79	13.75
76	Co. Packaged Terminal Heat Pumps | NEW | C_School | Non | SPS	$28.22	13.75
77	Co. Packaged Terminal Heat Pumps | NEW | C_Office | Non | SPS	$28.22	13.75
78	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$28.49	13.75
79	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_M.fuel.ste.ad.ed | Non | SPS	$28.49	13.75
80	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$28.49	13.75
81	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$28.49	13.75
82	Res - Small Non Install - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$28.49	13.75
83	Co. Packaged Terminal Air Conditioners | PERT | C_Office | Non | SPS	$28.49	13.75
84	Co. Packaged Terminal Air Conditioners | PERT | C_Health | Non | SPS	$28.49	13.75
85	Co. Packaged Terminal Air Conditioners | NEW | C_Restaurant | Non | SPS	$28.49	13.75
86	Co. Packaged Terminal Air Conditioners | NEW | C_Office | Non | SPS	$28.49	13.75
87	Co. Packaged Terminal Air Conditioners | NEW | C_Health | Non | SPS	$28.49	13.75
88	Co. Packaged Terminal Air Conditioners | NEW | C_Other | Non | SPS	$28.49	13.75
89	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$31.79	13.75
90	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_M.fuel.ste.ad.ed | Non | SPS	$31.79	13.75
91	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$31.79	13.75
92	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$31.79	13.75
93	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$31.79	13.75
94	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Ag.dw.ch.ed | Non | SPS	$31.79	13.75
95	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|1|and 2|PS	$31.79	13.75
96	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|3|or 4|PS	$31.79	13.75
97	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$31.79	13.75
98	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|3|or 4|PS	$31.79	13.75
99	Res - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Non | SPS	$27.41	13.75
100	Co. Low Fuel Fan Assist Air | NEW | C_Office | Non | SPS	$27.41	13.75
101	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$34.12	13.75
102	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$34.12	13.75
103	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$34.12	13.75
104	Res - Prog ammable Thermostat - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$34.12	13.75
105	Res - Central AC Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Manufactured | Non | SPS	$34.55	172.41
106	Res - Central AC Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_MultF amily | Non | SPS	$34.55	172.41
107	Res - Central AC Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family | Non | SPS	$34.55	172.41
108	Res - Central AC Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family Low Income | Non | SPS	$34.55	172.41
109	Res - Packaged Terminal Air Conditioners | NEW | C_Lodging | Non | SPS	$27.41	13.75
110	Res - Packaged Terminal Air Conditioners | NEW | C_Lodging | Non | SPS	$27.41	13.75
111	Res - Room Air Conditioners | NEW | C_Restaurant | Non | SPS	$44.22	179.00
112	Res - Room Air Conditioners | NEW | C_Retail | Non | SPS	$44.22	179.00
113	Res - Room Air Conditioners | NEW | C_Food Sales | Non | SPS	$44.22	179.00
114	Res - Room Air Conditioners | NEW | C_Food Service | Non | SPS	$44.22	179.00
115	Res - Room Air Conditioners | NEW | C_Office | Non | SPS	$44.22	179.00
116	Res - Room Air Conditioners | NEW | C_Health | Non | SPS	$44.22	179.00
117	Res - Room Air Conditioners | NEW | C_Other | Non | SPS	$44.22	179.00
118	Res - Room Air Conditioners | PERT | C_College | Non | SPS	$44.22	179.00
119	Res - Room Air Conditioners | PERT | C_Health | Non | SPS	$44.22	179.00
120	Res - Room Air Conditioners | PERT | C_Other | Non | SPS	$44.22	179.00
121	Res - Room Air Conditioners | NEW | C_College | Non | SPS	$44.22	179.00
122	Res - Room Air Conditioners | NEW | C_Health | Non | SPS	$44.22	179.00
123	Res - Room Air Conditioners | NEW | C_Other | Non | SPS	$44.22	179.00
124	Res - ENERGYSTAR Commercial Dishwasher | NEW | C_College | Non | SPS	$49.01	18.53
125	Res - ENERGYSTAR Commercial Dishwasher | NEW | C_Health | Non | SPS	$49.01	18.53
126	Res - ENERGYSTAR Commercial Dishwasher | NEW | C_Other | Non | SPS	$49.01	18.53
127	Res - ENERGYSTAR Commercial Dishwasher | PERT | C_College | Non | SPS	$49.01	18.53
128	Res - ENERGYSTAR Commercial Dishwasher | PERT | C_Health | Non | SPS	$49.01	18.53
129	Res - ENERGYSTAR Commercial Dishwasher | PERT | C_Other | Non | SPS	$49.01	18.53
130	Res - ENERGYSTAR Commercial Dishwasher | NEW | C_Lodging | Non | SPS	$49.01	18.53
131	Res - ENERGYSTAR Commercial Dishwasher | PERT | C_Restaurant | Non | SPS	$49.01	18.53
132	Res - Electric Water Heater | NEW | C_Restaurant | Non | SPS	$49.01	18.53
133	Res - Electric Water Heater | NEW | C_Lodging | Non | SPS	$49.01	18.53
134	Res - Electric Water Heater | NEW | C_Food Service | Non | SPS	$49.01	18.53
135	Res - Electric Water Heater | NEW | C_Other | Non | SPS	$49.01	18.53
136	Res - Room Air Conditioners | NEW | C_Restaurant | Non | SPS	$49.16	186.00
137	Res - Room Air Conditioners | NEW | C_Retail | Non | SPS	$49.16	186.00
138	Res - Room Air Conditioners | NEW | C_Food Sales | Non | SPS	$49.16	186.00
139	Res - Room Air Conditioners | NEW | C_Food Service | Non | SPS	$49.16	186.00
140	Res - Room Air Conditioners | NEW | C_Office | Non | SPS	$49.16	186.00
141	Res - Room Air Conditioners | NEW | C_Health | Non | SPS	$49.16	186.00
142	Res - Room Air Conditioners | NEW | C_Other | Non | SPS	$49.16	186.00
143	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$51.58	16.17
144	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_M.fuel.ste.ad.ed | Non | SPS	$51.58	16.17
145	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Manufactured | Non | SPS	$51.58	16.17
146	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Multi Family|1|and 2|PS	$51.58	16.17
147	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Single Family|1|and 2|PS	$51.58	16.17
148	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$51.58	16.17
149	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | R|T | R_M.fuel.ste.ad.ed | Non | SPS	$51.58	16.17
150	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | R|T | R_Single Ag.dw.ch.ed | Non | SPS	$51.58	16.17
151	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|1|and 2|PS	$51.58	16.17
152	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Multi Family Low Income|3|or 4|PS	$51.58	16.17
153	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|1|and 2|PS	$51.58	16.17
154	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | NEW | R_Single Family Low Income|3|or 4|PS	$51.58	16.17
155	Res - ENERGYSTAR Windows - Space Heating - 0H | 6|C | R|T | R_Single Ag.dw.ch.ed | Non | SPS	$51.58	16.17
156	Res - Electric Water Heater | NEW | C_Restaurant | Non | SPS	$51.76	12.39
157	Res - Electric Water Heater | NEW | C_School | Non | SPS	$51.76	12.39
158	Res - Electric Water Heater | NEW | C_Office | Non | SPS	$51.76	12.39
159	Res - Electric Water Heater | NEW | C_Health | Non | SPS	$51.76	12.39
160	Res - Electric Water Heater | NEW | C_Other | Non | SPS	$51.76	12.39
161	Res - Electric Water Heater | PERT | C_College | Non | SPS	$51.76	12.39
162	Res - Electric Water Heater | PERT | C_Health | Non | SPS	$51.76	12.39
163	Res - Electric Water Heater | PERT | C_Other | Non | SPS	$51.76	12.39
164	Res - Electric Water Heater | NEW | C_College | Non | SPS	$51.76	12.39
165	Res - Electric Water Heater | NEW | C_Health | Non | SPS	$51.76	12.39
166	Res - Electric Water Heater | NEW | C_Other | Non | SPS	$51.76	12.39
167	Res - Electric Water Heater | PERT | C_Restaurant | Non | SPS	$51.76	12.39
168	Res - Electric Water Heater | PERT | C_Lodging | Non | SPS	$51.76	12.39
169	Res - Electric Water Heater | PERT | C_Food Service | Non | SPS	$51.76	12.39
170	Res - Electric Water Heater | PERT | C_Restaurant | Non | SPS	$51.76	12.39
171	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
172	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
173	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
174	Res - Electric LED Lamp | NEW | C_College | Non | SPS	$51.76	12.39
175	Res - Electric LED Lamp | NEW | C_Health | Non | SPS	$51.76	12.39
176	Res - Electric LED Lamp | NEW | C_Other | Non | SPS	$51.76	12.39
177	Res - Electric LED Lamp | PERT | C_College | Non | SPS	$51.76	12.39
178	Res - Electric LED Lamp | PERT | C_Health | Non | SPS	$51.76	12.39
179	Res - Electric LED Lamp | PERT | C_Other | Non | SPS	$51.76	12.39
180	Res - Electric LED Lamp | NEW | C_Restaurant | Non | SPS	$51.76	12.39
181	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
182	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
183	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
184	Res - Electric LED Lamp | PERT | C_Restaurant | Non | SPS	$51.76	12.39
185	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
186	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
187	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
188	Res - Electric LED Lamp | NEW | C_Restaurant | Non | SPS	$51.76	12.39
189	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
190	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
191	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
192	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
193	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
194	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
195	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
196	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
197	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
198	Res - Electric LED Lamp | NEW | C_Warehouse | Non | SPS	$51.76	12.39
199	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
200	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
201	Res - Electric LED Lamp | PERT | C_Warehouse | Non | SPS	$51.76	12.39
202	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
203	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
204	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
205	Res - Packaged Terminal Air Conditioner | PERT | C_Warehouse | Non | SPS	$51.76	12.39
206	Res - Packaged Terminal Air Conditioner | PERT | C_Warehouse | Non | SPS	$51.76	12.39
207	Res - Packaged Terminal Air Conditioner | PERT | C_Warehouse | Non | SPS	$51.76	12.39
208	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
209	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
210	Res - Packaged Terminal Air Conditioner | NEW | C_Warehouse | Non | SPS	$51.76	12.39
211	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
212	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
213	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
214	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
215	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
216	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
217	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
218	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
219	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
220	Res - Electric Water Heater | NEW | C_Warehouse | Non | SPS	$51.76	12.39
221	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
222	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
223	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
224	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
225	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
226	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
227	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
228	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
229	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
230	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
231	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
232	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
233	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
234	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
235	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
236	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
237	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
238	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
239	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
240	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
241	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
242	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
243	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
244	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
245	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
246	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
247	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
248	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
249	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
250	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
251	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
252	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
253	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
254	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
255	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
256	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
257	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
258	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76	12.39
259	Res - Electric Water Heater | PERT | C_Warehouse | Non | SPS	$51.76

Measure	Levelized Cost of (2021)	Co-related Inc Rd cost of (NPV)
270 - Conv - Room Air Conditioners (RCB) C - Non enhanced - Nat	$151.18	24.90
271 - Conv - Room Air Conditioners (RET) C - Office - Nat	$151.18	7.50.00
272 - Conv - Room Air Conditioners (RET) C - Office - Nat	$151.18	7.50.00
273 - Conv - Room Air Conditioners (RET) C - College - Nat	$150.1	25.108
274 - Conv - Room Air Conditioners (RET) C - Grocery - Nat	$107.7	2.51.14
275 - Conv - Room Air Conditioners (RET) C - Lodging - Nat	$107.7	2.51.14
276 - Chiller cz cz cooled, w/ ff Lgs (conference) (NBN) C - College - Nat	$113.08	25.1.87
277 - Conv - Chiller cz cz cooled, w/ ff Lgs (conference) (RCB) C - College - Nat	$113.08	25.1.87
278 - Conv - Chiller cz cz cooled, w/ ff Lgs (conference) (RCB) C - Office - Nat	$113.08	25.1.87
279 - Nat - Gas Fired Combdz (RET) C - Manufacturing - Nat	$113.37	25.3.8
280 - Nat - Gas Fired Combdz (RET) C - Manufacturing - Nat	$113.37	25.3.8
281 - LED Retrofitted Cases Lighting (RET) C - Lodging - Nat	$118.94	25.2.18
282 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C - Retail - Nat	$118.94	25.2.18
283 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C - Lodging - Nat	$118.94	25.2.18
284 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C - Lodging - Nat (SPI)	$118.94	25.2.18
285 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C - LG Bldg - Nat (SPI)	$118.94	25.2.18
286 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C - Lodging - Nat (SPI)	$118.94	25.2.18
287 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C - Restaurant - Nat (SPI)	$118.94	25.2.18
288 - Int - Air Compressor Optimization (RET) C - Microbrew & Extra Extraction - Nat (SPI)	$118.1.4	2.58.26
289 - Int - Air Compressor Optimization (RET) C - Office - Nat (SPI)	$118.1.4	2.58.26
290 - Int - Air Compressor Optimization (RET) C - Manufacturing - Nat (SPI)	$118.1.4	2.57.26
291 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (NBN) C - Re dwel - Nat (SPI)	$119.09	25.77.76
292 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C - Restaurant - Nat (SPI)	$119.09	25.77.76
293 - Conv - Room Air Conditioners (NBN) C - Office - Nat (SPI)	$119.1.1	2.57.60
294 - Conv - Room Air Conditioners (RCB) C - Other - Nat (SPI)	$119.1.1	2.57.60
295 - Packaged Terminal Heat Pump (RET) C - Restaurant - Nat (SPI)	$120.1.1	2.58.37
296 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (NBN) C - Health - Nat (SPI)	$120.57	2.58.37
297 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C - Health - Nat (SPI)	$120.57	2.58.37
298 - Conv - Int Lt LED Lamp - P-WR/BRAPRA (NEW) C - Health - Nat (SPI)	$120.57	25.9.14
299 - Conv - Int Lt LED Lamp - P-WR/BRAPRA (RCB) C - Health - Nat (SPI)	$120.57	25.9.14
300 - Conv - Int Lt LED Lamp - P-WR/BRAPRA (RCB) C - Lodging - Nat (SPI)	$120.57	25.9.14
301 - Conv - Int Lt LED Lamp - P-WR/BRAPRA (RCB) C - Lodging - Nat (SPI)	$120.57	25.9.14
302 - Water Source Heat Pump (NBN) C_Restaurant - Nat (SPI)	$120.64	25.9.18
303 - Water Source Heat Pump (NBN) C_Restaurant - Nat (SPI)	$120.64	25.9.18
304 - Water Source Heat Pump (NBN) C_Retail - Nat (SPI)	$120.64	25.9.18
305 - Water Source Heat Pump (RCB) C_Retail - Nat (SPI)	$120.64	25.9.18
306 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.64	25.9.18
307 - Water Source Heat Pump (NBN) C_Restaurant - Nat (SPI)	$120.64	25.9.18
308 - Water Source Heat Pump (NBN) C_Restaurant - Nat (SPI)	$120.64	25.9.18
309 - Water Source Heat Pump (NBN) C_Restaurant - Nat (SPI)	$120.64	25.9.18
310 - Water Source Heat Pump (RCB) C_Retail - Nat (SPI)	$120.64	25.9.18
311 - Conv - Room Air Conditioners (RET) C_Lodging - Nat (SPI)	$120.8.2	2.58.87
312 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.8.2	2.58.87
313 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.8.2	2.58.87
314 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.8.2	2.58.87
315 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.8.2	2.58.87
316 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.76	26.1.3
317 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.76	26.1.3
318 - Water Source Heat Pump (RCB) C_Grocery - Nat (SPI)	$120.8.8	26.2.0
319 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other - Nat (SPI)	$120.8.8	26.2.0
320 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other - Nat (SPI)	$120.8.8	26.2.0
321 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (NBN) C_Grocery - Nat (SPI)	$120.8.8	26.2.0
322 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery - Nat (SPI)	$120.76	26.1.3
323 - Water Source Heat Pump (NBN) C_Retail - Nat (SPI)	$120.8.8	26.2.0
324 - Water Source Heat Pump (RCB) C_Retail - Nat (SPI)	$120.8.8	26.2.0
325 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured Hsf Fnsd (SPI)	$120.8.8	2.60.23
326 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured Hsf Fnsd (SPI)	$120.8.8	2.59.73
327 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home Fnsd (SPI)	$120.8.8	2.59.73
328 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Fnsd SPI)	$120.8.8	2.60.23
329 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Fnsd (SPI)	$120.8.8	2.60.28
330 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$120.8.8	26.1.9
331 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Fnsd) (SPI)	$121.1.2	2.60.60
332 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Fnsd) (SPI)	$121.1.2	2.60.60
333 - Water Source Heat Pump (RCB) C_Lg Retail (Nat) (SPI)	$121.1.8	2.60.61
334 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$122.38	26.5.34
335 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$122.38	26.5.34
336 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$122.38	26.5.34
337 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$122.38	26.5.34
338 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$122.38	26.5.34
339 - LED Retrofitted Cases Lighting (RET) C_School (Nat) (SPI)	$124.74	26.98.98
340 - Water Source Heat Pump (NEW) C_Office (Nat) (SPI)	$124.74	26.98.98
341 - Water Source Heat Pump (RCB) C_Office (Nat) (SPI)	$124.74	26.98.98
342 - Water Source Heat Pump (NEW) C_Restaurant (Nat) (SPI)	$125.8.8	2.60.61
343 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$125.8.8	2.60.61
344 - Water Source Heat Pump (NEW) C_Retail (Nat) (SPI)	$125.8.8	2.60.61
345 - Water Source Heat Pump (RCB) C_Retail (Nat) (SPI)	$125.8.8	2.60.61
346 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$125.8.8	2.60.23
347 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$125.8.8	2.59.73
348 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$125.8.8	2.59.73
349 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$125.8.8	2.60.23
350 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$125.8.8	26.1.9
351 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$126.1.2	2.60.60
352 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$126.1.2	2.60.60
353 - Water Source Heat Pump (RCB) C_Lg Retail (Nat) (SPI)	$126.1.8	2.60.61
354 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$126.38	26.5.34
355 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$126.38	26.5.34
356 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$126.38	26.5.34
357 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$126.38	26.5.34
358 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$126.38	26.5.34
359 - LED Retrofitted Cases Lighting (RET) C_School (Nat) (SPI)	$128.74	26.98.98
360 - Water Source Heat Pump (NEW) C_Office (Nat) (SPI)	$128.74	26.98.98
361 - Water Source Heat Pump (RCB) C_Office (Nat) (SPI)	$128.74	26.98.98
362 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$129.2.1	2.60.61
363 - Water Source Heat Pump (NEW) C_Retail (Nat) (SPI)	$129.2.1	2.60.61
364 - Water Source Heat Pump (RCB) C_Retail (Nat) (SPI)	$129.2.1	2.60.61
365 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$129.8.8	2.60.23
366 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$129.8.8	2.59.73
367 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$129.8.8	2.59.73
368 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$129.8.8	2.60.23
369 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$129.8.8	26.1.9
370 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$131.1.2	2.60.60
371 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$131.1.2	2.60.60
372 - Water Source Heat Pump (RCB) C_College (Nat) (SPI)	$131.1.8	2.60.61
373 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$132.38	26.5.34
374 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$132.38	26.5.34
375 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$132.38	26.5.34
376 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$132.38	26.5.34
377 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$132.38	26.5.34
378 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$132.76	26.1.3
379 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$132.76	26.1.3
380 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$132.8.8	26.2.0
381 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_School (Nat) (SPI)	$132.8.8	26.2.0
382 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_School (Nat) (SPI)	$132.8.8	26.2.0
383 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_School (Nat) (SPI)	$132.8.8	26.2.0
384 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_School (Nat) (SPI)	$132.8.8	26.2.0
385 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$132.8.8	2.60.23
386 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$132.8.8	2.59.73
387 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$132.8.8	2.59.73
388 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$132.8.8	2.60.23
389 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$132.8.8	26.1.9
390 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$133.1.2	2.60.60
391 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$133.1.2	2.60.60
392 - Water Source Heat Pump (RCB) C_College (Nat) (SPI)	$133.1.8	2.60.61
393 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$134.38	26.5.34
394 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$134.38	26.5.34
395 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$134.38	26.5.34
396 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$134.38	26.5.34
397 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$134.38	26.5.34
398 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$134.76	26.1.3
399 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$134.76	26.1.3
400 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$134.8.8	26.2.0
401 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$134.8.8	26.2.0
402 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$134.8.8	26.2.0
403 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$134.8.8	26.2.0
404 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$134.8.8	26.2.0
405 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$134.8.8	2.60.23
406 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$134.8.8	2.59.73
407 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$134.8.8	2.59.73
408 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$134.8.8	2.60.23
409 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$134.8.8	26.1.9
410 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$135.1.2	2.60.60
411 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$135.1.2	2.60.60
412 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$135.1.8	2.60.61
413 - LED Retrofitted Cases Lighting (RET) C_Grocery (Nat) (SPI)	$136.38	26.5.34
414 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$136.38	26.5.34
415 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$136.38	26.5.34
416 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$136.38	26.5.34
417 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$136.38	26.5.34
418 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$136.76	26.1.3
419 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$136.76	26.1.3
420 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$136.8.8	26.2.0
421 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$136.8.8	26.2.0
422 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$136.8.8	26.2.0
423 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$136.8.8	26.2.0
424 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$136.8.8	26.2.0
425 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$136.8.8	2.60.23
426 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$136.8.8	2.59.73
427 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$136.8.8	2.59.73
428 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$136.8.8	2.60.23
429 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$136.8.8	26.1.9
430 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$137.37	25.3.8
431 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$137.37	25.3.8
432 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$137.8.8	2.60.23
433 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$137.8.8	2.59.73
434 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$137.8.8	2.59.73
435 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$137.8.8	2.60.23
436 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$137.8.8	26.1.9
437 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
438 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
439 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
440 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
441 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
442 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
443 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$138.1.4	2.60.64
444 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$138.37	25.3.8
445 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$138.37	25.3.8
446 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$138.37	25.3.8
447 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$138.37	25.3.8
448 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$138.8.8	2.60.23
449 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$138.8.8	2.59.73
450 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$138.8.8	2.59.73
451 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$138.8.8	2.60.23
452 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$138.8.8	26.1.9
453 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
454 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
455 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
456 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
457 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
458 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$139.1.4	2.60.64
459 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
460 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
461 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
462 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
463 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
464 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
465 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
466 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
467 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
468 - Conv - Water Heater - Heat Pump (NBN) C_Grocery (Nat) (SPI)	$139.2.1	2.60.61
469 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$139.8.8	2.60.23
470 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$139.8.8	2.59.73
471 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$139.8.8	2.59.73
472 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$139.8.8	2.60.23
473 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$139.8.8	26.1.9
474 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$140.1.2	2.60.60
475 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$140.1.2	2.60.60
476 - Water Source Heat Pump (RCB) C_College (Nat) (SPI)	$140.1.8	2.60.61
477 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$142.38	26.5.34
478 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$142.38	26.5.34
479 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$142.38	26.5.34
480 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$142.38	26.5.34
481 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$142.38	26.5.34
482 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$142.76	26.1.3
483 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB) C_Grocery (Nat) (SPI)	$142.76	26.1.3
484 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$142.8.8	26.2.0
485 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$142.8.8	26.2.0
486 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (NEW) C_Retail (Nat) (SPI)	$142.8.8	26.2.0
487 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$142.8.8	26.2.0
488 - Conv - Interior Lt LED Lamp - P-WR/BRAPRA (RCB) C_Retail (Nat) (SPI)	$142.8.8	26.2.0
489 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$142.8.8	2.60.23
490 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$142.8.8	2.59.73
491 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$142.8.8	2.59.73
492 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$142.8.8	2.60.23
493 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$142.8.8	26.1.9
494 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
495 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
496 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
497 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
498 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
499 - Int - Ind Lt Cooc Dryer (RET) C_Metal/Mfr Gas Extraction (Nat) (SPI)	$143.1.4	2.60.64
500 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
501 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
502 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
503 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
504 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
505 - Nat - Gas Fired Combdz (RET) C_Manufacturing - Nat (SPI)	$143.37	25.3.8
506 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$143.8.8	2.60.23
507 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Manufactured (Nat) (SPI)	$143.8.8	2.59.73
508 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Mobile Home (Nat) (SPI)	$143.8.8	2.59.73
509 - Res - Linear LEDs - Tap & Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$143.8.8	2.60.23
510 - Res - Linear LEDs - Space Heating - 61+ EC / RET P_Single Family Low Income (Nat) (SPI)	$143.8.8	26.1.9
511 - Res - Packaged Terminal Air Conditioner (RET) C_Restaurant (Nat) (SPI)	$144.1.2	2.60.60
512 - Res - Packaged Terminal Air Conditioner (RET) C_Other (Nat) (SPI)	$144.1.2	2.60.60
513 - Water Source Heat Pump (RCB) C_Grocery (Nat) (SPI)	$144.1.8	2.60.61
514 - LED Retrofitted Cases Lighting (RET) C_College (Nat) (SPI)	$146.38	26.5.34
515 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Office (Nat) (SPI)	$146.38	26.5.34
516 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Office (Nat) (SPI)	$146.38	26.5.34
517 - Conv - Interior Lt Lamp - P-WR/BRAPRA (NEW) C_Other (Nat) (SPI)	$146.38	26.5.34
518 - Conv - Interior Lt Lamp - P-WR/BRAPRA (RCB) C_Other (Nat) (SPI)	$146.38	26.5.34
519 - Conv - Interior Lt Lamp (including high, medium, low lamp lamps) (RCB)

Measure	Levelized Cost of (2021)	Co-incident Peak Cost of (2021)
940 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
941 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
942 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
943 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
944 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
945 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
946 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
947 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
948 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
949 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
950 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
951 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
952 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
953 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
954 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
955 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
956 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
957 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
958 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
959 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
960 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
961 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
962 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
963 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
964 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
965 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
966 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
967 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
968 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
969 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
970 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
971 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
972 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
973 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
974 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
975 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
976 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
977 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
978 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
979 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
980 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
981 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
982 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
983 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
984 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
985 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
986 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
987 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
988 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
989 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
990 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
991 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
992 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
993 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
994 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
995 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
996 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
997 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
998 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
999 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1000 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1001 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1002 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1003 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1004 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1005 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1006 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1007 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1008 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1009 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1010 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1011 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1012 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1013 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1014 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1015 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1016 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1017 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1018 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1019 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1020 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1021 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1022 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1023 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1024 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1025 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1026 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1027 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1028 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1029 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1030 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1031 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1032 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1033 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1034 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1035 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1036 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1037 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1038 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1039 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1040 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1041 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1042 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1043 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1044 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1045 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1046 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1047 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1048 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1049 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1050 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1051 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1052 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1053 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1054 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1055 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1056 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1057 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1058 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1059 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1060 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1061 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1062 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1063 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1064 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1065 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1066 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1067 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1068 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1069 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1070 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1071 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1072 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1073 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1074 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1075 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1076 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1077 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1078 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1079 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1080 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1081 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1082 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1083 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1084 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1085 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1086 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1087 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1088 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1089 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1090 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1091 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1092 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1093 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1094 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1095 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1096 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1097 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1098 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1099 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1100 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1101 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1102 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1103 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1104 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1105 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1106 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1107 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1108 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21
1109 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	$237.41	$14.21

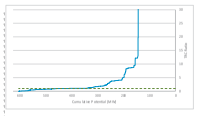
Measure	Co-incident Peak Demand Reduction (kW)	Levelized Cost of Co-incident Peak Kw
940 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
941 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
942 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
943 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
944 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
945 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
946 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
947 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
948 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
949 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
950 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
951 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
952 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
953 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
954 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
955 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
956 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
957 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
958 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
959 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
960 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
961 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
962 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
963 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
964 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
965 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
966 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
967 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
968 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
969 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
970 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
971 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
972 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
973 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
974 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
975 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
976 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
977 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
978 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
979 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
980 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
981 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
982 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
983 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
984 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
985 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
986 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
987 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
988 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
989 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
990 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
991 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
992 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
993 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
994 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
995 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
996 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
997 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
998 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
999 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1000 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1001 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1002 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1003 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1004 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1005 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1006 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1007 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1008 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1009 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1010 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1011 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1012 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1013 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1014 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1015 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1016 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1017 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1018 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1019 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1020 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1021 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1022 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1023 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1024 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1025 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1026 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1027 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1028 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1029 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1030 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1031 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1032 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1033 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1034 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1035 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1036 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1037 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1038 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1039 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1040 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1041 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1042 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1043 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1044 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1045 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1046 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1047 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1048 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1049 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1050 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1051 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1052 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1053 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1054 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1055 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1056 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1057 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1058 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1059 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1060 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1061 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1062 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1063 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1064 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1065 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1066 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1067 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1068 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1069 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1070 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1071 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1072 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1073 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1074 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1075 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41	14.21
1076 - Com - New Construction - Lighting Power Density (14W / 1,000 sq. ft.)	237.41

Measure	Levelized Cost of ($/kWh)	Co-incid Ion Rd cost of (MW)
810 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Multi Family) (Ind | SP)	$429.49	50.9 %
811 - Res - High Efficiency Air Conditioner - 100% Applicable (MFM-1, Multi Family Low Income) (Ind | SP)	$429.49	50.9 %
812 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$429.49	50.9 %
813 - Res - High Efficiency Air Conditioner - 100% Applicable (MFM-1, Manufactured) (Ind | SP)	$429.49	50.9 %
814 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Manufactured) (Ind | SP)	$429.49	50.9 %
815 - Res - High Efficiency Air Conditioner - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$429.49	50.9 %
816 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$429.49	50.9 %
817 - Res - High Efficiency Air Conditioner - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$429.49	50.9 %
818 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$429.49	50.9 %
819 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family) (Ind | SP)	$447.7	53.9 %
820 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family Low Income) (Ind | SP)	$447.7	53.9 %
821 - Res - SP AC Unit of varying sizes (MFM-1, Manufactured) (Ind | SP)	$447.7	53.9 %
822 - Res - SP AC Unit of varying sizes (RCB-1, Manufactured) (Ind | SP)	$447.7	53.9 %
823 - Res - SP AC Unit of varying sizes (MFM-1, Single Family) (Ind | SP)	$447.7	53.9 %
824 - Res - SP AC Unit of varying sizes (RCB-1, Single Family) (Ind | SP)	$447.7	53.9 %
825 - Res - SP AC Unit of varying sizes (MFM-1, Single Family Low Income) (Ind | SP)	$447.7	53.9 %
826 - Res - SP AC Unit of varying sizes (RCB-1, Single Family Low Income) (Ind | SP)	$447.7	53.9 %
827 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family) (Ind | SP)	$447.7	53.9 %
828 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family Low Income) (Ind | SP)	$447.7	53.9 %
829 - Res - SP AC Unit of varying sizes (MFM-1, Manufactured) (Ind | SP)	$447.7	53.9 %
830 - Res - SP AC Unit of varying sizes (RCB-1, Manufactured) (Ind | SP)	$447.7	53.9 %
831 - Res - SP AC Unit of varying sizes (MFM-1, Single Family) (Ind | SP)	$447.7	53.9 %
832 - Res - SP AC Unit of varying sizes (RCB-1, Single Family) (Ind | SP)	$447.7	53.9 %
833 - Res - SP AC Unit of varying sizes (MFM-1, Single Family Low Income) (Ind | SP)	$447.7	53.9 %
834 - Res - SP AC Unit of varying sizes (RCB-1, Single Family Low Income) (Ind | SP)	$447.7	53.9 %
835 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$489.49	1.39.09
836 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$489.49	1.39.09
837 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$489.49	1.39.09
838 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$489.49	1.39.09
839 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$489.49	1.39.09
840 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$489.49	1.39.09
841 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$489.49	1.39.09
842 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$489.49	1.39.09
843 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$489.49	1.39.09
844 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$489.49	1.39.09
845 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$489.49	1.39.09
846 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$489.49	1.39.09
847 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$489.49	1.39.09
848 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$489.49	1.39.09
849 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$489.49	1.39.09
850 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family) (Ind | SP)	$463.7	1.39.64
851 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family Low Income) (Ind | SP)	$463.7	1.39.64
852 - Res - SP AC Unit of varying sizes (MFM-1, Manufactured) (Ind | SP)	$463.7	1.39.64
853 - Res - SP AC Unit of varying sizes (RCB-1, Manufactured) (Ind | SP)	$463.7	1.39.64
854 - Res - SP AC Unit of varying sizes (MFM-1, Single Family) (Ind | SP)	$463.7	1.39.64
855 - Res - SP AC Unit of varying sizes (RCB-1, Single Family) (Ind | SP)	$463.7	1.39.64
856 - Res - SP AC Unit of varying sizes (MFM-1, Single Family Low Income) (Ind | SP)	$463.7	1.39.64
857 - Res - SP AC Unit of varying sizes (RCB-1, Single Family Low Income) (Ind | SP)	$463.7	1.39.64
858 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$464.04	50.9 %
859 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$464.04	50.9 %
860 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$464.04	50.9 %
861 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$464.04	50.9 %
862 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$464.04	50.9 %
863 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$464.04	50.9 %
864 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$464.04	50.9 %
865 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$464.04	50.9 %
866 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$464.04	50.9 %
867 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$464.04	50.9 %
868 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$464.04	50.9 %
869 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$464.04	50.9 %
870 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$464.04	50.9 %
871 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$464.04	50.9 %
872 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$464.04	50.9 %
873 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family) (Ind | SP)	$464.04	50.9 %
874 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Multi Family Low Income) (Ind | SP)	$464.04	50.9 %
875 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Manufactured) (Ind | SP)	$464.04	50.9 %
876 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family) (Ind | SP)	$464.04	50.9 %
877 - Res - LED Indoor Fixture (Pre Based Lamps - Space Heating - 0H-1 ECO RET, Single Family Low Income) (Ind | SP)	$464.04	50.9 %
878 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Multi Family) (Ind | SP)	$471.3	1.39.09
879 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Multi Family Low Income) (Ind | SP)	$471.3	1.39.09
880 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Manufactured) (Ind | SP)	$471.3	1.39.09
881 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Single Family) (Ind | SP)	$471.3	1.39.09
882 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Single Family Low Income) (Ind | SP)	$471.3	1.39.09
883 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family) (Ind | SP)	$489.1	50.9 %
884 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family Low Income) (Ind | SP)	$489.1	50.9 %
885 - Res - SP AC Unit of varying sizes (MFM-1, Manufactured) (Ind | SP)	$489.1	50.9 %
886 - Res - SP AC Unit of varying sizes (RCB-1, Manufactured) (Ind | SP)	$489.1	50.9 %
887 - Res - SP AC Unit of varying sizes (MFM-1, Single Family) (Ind | SP)	$489.1	50.9 %
888 - Res - SP AC Unit of varying sizes (RCB-1, Single Family) (Ind | SP)	$489.1	50.9 %
889 - Res - SP AC Unit of varying sizes (MFM-1, Single Family Low Income) (Ind | SP)	$489.1	50.9 %
890 - Res - SP AC Unit of varying sizes (RCB-1, Single Family Low Income) (Ind | SP)	$489.1	50.9 %
891 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family) (Ind | SP)	$489.1	50.9 %
892 - Res - SP AC Unit of varying sizes (MFM-1, Multi Family Low Income) (Ind | SP)	$489.1	50.9 %
893 - Res - SP AC Unit of varying sizes (MFM-1, Manufactured) (Ind | SP)	$489.1	50.9 %
894 - Res - SP AC Unit of varying sizes (RCB-1, Manufactured) (Ind | SP)	$489.1	50.9 %
895 - Res - SP AC Unit of varying sizes (MFM-1, Single Family) (Ind | SP)	$489.1	50.9 %
896 - Res - SP AC Unit of varying sizes (RCB-1, Single Family) (Ind | SP)	$489.1	50.9 %
897 - Res - SP AC Unit of varying sizes (MFM-1, Single Family Low Income) (Ind | SP)	$489.1	50.9 %
898 - Res - SP AC Unit of varying sizes (RCB-1, Single Family Low Income) (Ind | SP)	$489.1	50.9 %
899 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
900 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
901 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
902 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
903 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
904 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
905 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
906 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
907 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
908 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
909 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
910 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
911 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
912 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
913 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
914 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
915 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
916 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
917 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
918 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
919 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
920 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
921 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
922 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
923 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
924 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
925 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
926 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
927 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
928 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
929 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
930 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
931 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
932 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
933 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
934 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
935 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
936 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
937 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
938 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
939 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
940 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
941 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
942 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
943 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
944 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$347.97	50.9 %
945 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$347.97	50.9 %
946 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$347.97	50.9 %
947 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$347.97	50.9 %
948 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$347.97	50.9 %
949 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Multi Family) (Ind | SP)	$108.93	50.9 %
950 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Multi Family Low Income) (Ind | SP)	$108.93	50.9 %
951 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Manufactured) (Ind | SP)	$108.93	50.9 %
952 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$108.93	50.9 %
953 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
954 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Multi Family) (Ind | SP)	$108.93	50.9 %
955 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Multi Family Low Income) (Ind | SP)	$108.93	50.9 %
956 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Manufactured) (Ind | SP)	$108.93	50.9 %
957 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$108.93	50.9 %
958 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
959 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Multi Family) (Ind | SP)	$108.93	50.9 %
960 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Multi Family Low Income) (Ind | SP)	$108.93	50.9 %
961 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Manufactured) (Ind | SP)	$108.93	50.9 %
962 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family) (Ind | SP)	$108.93	50.9 %
963 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
964 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Multi Family) (Ind | SP)	$108.93	50.9 %
965 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Multi Family Low Income) (Ind | SP)	$108.93	50.9 %
966 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Manufactured) (Ind | SP)	$108.93	50.9 %
967 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$108.93	50.9 %
968 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
969 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family) (Ind | SP)	$108.93	50.9 %
970 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
971 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$108.93	50.9 %
972 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
973 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$108.93	50.9 %
974 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
975 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family) (Ind | SP)	$108.93	50.9 %
976 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
977 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$108.93	50.9 %
978 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
979 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$108.93	50.9 %
980 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
981 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family) (Ind | SP)	$108.93	50.9 %
982 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
983 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$108.93	50.9 %
984 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
985 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family) (Ind | SP)	$108.93	50.9 %
986 - Res - Smart Switching Nest - 100% Applicable (MFM-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
987 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family) (Ind | SP)	$108.93	50.9 %
988 - Res - Smart Switching Nest - 100% Applicable (RBT-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
989 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family) (Ind | SP)	$108.93	50.9 %
990 - Res - Smart Switching Nest - 100% Applicable (RCB-1, Single Family Low Income) (Ind | SP)	$108.93	50.9 %
991 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Multi Family) (Ind | SP)	$1,051.68	1.53.55
992 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Multi Family Low Income) (Ind | SP)	$1,051.68	1.53.55
993 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Manufactured) (Ind | SP)	$1,051.68	1.53.55
994 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Single Family) (Ind | SP)	$1,051.68	1.53.55
995 - Res - Ductless Mini-Split Heat Pumps (RBT-1, Single Family Low Income) (Ind | SP)	$1,051.68	1.53.55
996 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
997 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
998 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
999 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1000 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1001 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1002 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1003 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1004 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1005 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1006 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1007 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1008 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1009 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1010 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1011 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1012 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1013 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1014 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1015 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1016 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1017 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1018 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1019 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1020 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1021 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1022 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1023 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1024 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1025 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1026 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1027 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1028 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1029 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1030 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1031 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1032 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1033 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1034 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1035 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1036 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1037 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1038 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1039 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family (Ind | SP)	$1,347.97	50.9 %
1040 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Single Family Low Income (Ind | SP)	$1,347.97	50.9 %
1041 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family (Ind | SP)	$1,347.97	50.9 %
1042 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Multi Family Low Income (Ind | SP)	$1,347.97	50.9 %
1043 - Res - LED Outdoor Fixture - Space Heating - 0H-1 ECO RET, Manufactured (Ind | SP)	$1,347.97	50.9 %
1044 - Res - LED Outdoor Fixture - Space Heating - 0H-1

Measure	Levelized Cost of (2021)	Co-incent Inc Pd cost of (NPV)
588 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Multi family Low Income | Non | SPS	$2,432.00	$77.00
589 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Multi Family Low Income | Electric | SPS	$2,432.00	$77.00
590 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Non | SPS	$2,432.00	$77.00
591 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Electric | SPS	$2,432.00	$77.00
592 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Fuel | SPS	$2,432.00	$77.00
593 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Non | SPS	$2,432.00	$77.00
594 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Electric | SPS	$2,432.00	$77.00
595 - Res - Networked Comfort Bed - Mini LED Lamp - Space Heating - 01+NC | HEW | R, Single Family Low Inc | Fuel | SPS	$2,432.00	$77.00
596 - Cashless Mini Split Heat Pumps | REF1 | R, Warehouse | Non | SPS	$3,474.17	$76.72
597 - Com - Cashless Mini Split Heat Pumps | REF1 | Other | Non | SPS	$3,474.17	$76.72
598 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Non | SPS	$4,108.06	$76.92
599 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Fuel | SPS	$4,108.06	$76.92
600 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg | Non | SPS	$4,108.06	$76.92
601 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg | Fuel | SPS	$4,108.06	$76.92
602 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Non | SPS	$4,108.06	$76.92
603 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Fuel | SPS	$4,108.06	$76.92
604 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Inc | Non | SPS	$4,108.06	$76.92
605 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Inc | Fuel | SPS	$4,108.06	$76.92
606 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$4,108.06	$76.92
607 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$4,108.06	$76.92
608 - Int - Heat exces Cook Fumes | NEW | C, MinisqftOtA, Gas| electric | Fuel | SPS	$4,150.00	$63.00
609 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Manufactured | Non | SPS	$4,608.00	$88.00
610 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Manufactured | Fuel | SPS	$4,608.00	$88.00
611 - Res - Heat Pump Dryer - 100% Applicable | REW | R, Manufactured | Non | SPS	$4,608.00	$88.00
612 - Res - Heat Pump Dryer - 100% Applicable | REW | R, Manufactured | Fuel | SPS	$4,608.00	$88.00
613 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Multi family | Non | SPS	$4,608.00	$88.00
614 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Non | SPS	$4,608.00	$88.00
615 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Single Family | Non | SPS	$4,608.00	$88.00
616 - Res - Heat Pump Dryer - 100% Applicable | NEW | R, Single Family | Fuel | SPS	$4,608.00	$88.00
617 - Res - Heat Pump Dryer - 100% Applicable | REW | R, Single Family Low Income | Non | SPS	$4,608.00	$88.00
618 - Res - Heat Pump Dryer - 100% Applicable | REW | R, Single Family Low Income | Fuel | SPS	$4,608.00	$88.00
619 - Res - Heat Pump Dryer - 100% Applicable | REW | R, Single Family Low Income | Electric | SPS	$4,608.00	$88.00
620 - Res - Solar Water Heater - 100% Applicable | NEW | R, Manufactured | Non | SPS	$6,206.84	$183.00
621 - Res - Solar Water Heater - 100% Applicable | NEW | R, Manufactured | Fuel | SPS	$6,206.84	$183.00
622 - Res - Solar Water Heater - 100% Applicable | NEW | R, Multi family | Non | SPS	$6,206.84	$183.00
623 - Res - Solar Water Heater - 100% Applicable | NEW | R, Multi family | Fuel | SPS	$6,206.84	$183.00
624 - Res - Solar Water Heater - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Non | SPS	$6,206.84	$183.00
625 - Res - Solar Water Heater - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Fuel | SPS	$6,206.84	$183.00
626 - Res - Solar Water Heater - 100% Applicable | NEW | R, Single Family | Non | SPS	$6,206.84	$183.00
627 - Res - Solar Water Heater - 100% Applicable | NEW | R, Single Family | Fuel | SPS	$6,206.84	$183.00
628 - Res - Solar Water Heater - 100% Applicable | NEW | R, Single Family Low Income | Non | SPS	$6,206.84	$183.00
629 - Res - Solar Water Heater - 100% Applicable | NEW | R, Single Family Low Income | Fuel | SPS	$6,206.84	$183.00
630 - Res - Solar Water Heater - 100% Applicable | NEW | R, Single Family Low Income | Electric | SPS	$6,206.84	$183.00
631 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Manufactured | Non | SPS	$7,600.63	$187.00
632 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Manufactured | Fuel | SPS	$7,600.63	$187.00
633 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi family | Non | SPS	$7,600.63	$187.00
634 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi family | Fuel | SPS	$7,600.63	$187.00
635 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Non | SPS	$7,600.63	$187.00
636 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Fuel | SPS	$7,600.63	$187.00
637 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Single Family | Non | SPS	$7,600.63	$187.00
638 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Single Family | Fuel | SPS	$7,600.63	$187.00
639 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Non | SPS	$7,600.63	$187.00
640 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Fuel | SPS	$7,600.63	$187.00
641 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Electric | SPS	$7,600.63	$187.00
642 - Int - Heat exces Cook Fumes | REF1 | C, MinisqftOtA Gas| electric | Non | SPS	$8,004.00	$80.00
643 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | REW | R, Manufactured | Non | SPS	$18,008.00	$78.00
644 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | REW | R, Manufactured | Fuel | SPS	$18,008.00	$78.00
645 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Multi family | Non | SPS	$18,008.00	$78.00
646 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Multi family | Fuel | SPS	$18,008.00	$78.00
647 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Multi Fa mfg Low Income | Non | SPS	$18,008.00	$78.00
648 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Multi Fa mfg Low Income | Fuel | SPS	$18,008.00	$78.00
649 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Single Family | Non | SPS	$18,008.00	$78.00
650 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | NEW | R, Single Family | Fuel | SPS	$18,008.00	$78.00
651 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | REW | R, Single Family Low Income | Non | SPS	$18,008.00	$78.00
652 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | REW | R, Single Family Low Income | Fuel | SPS	$18,008.00	$78.00
653 - Res - J Sep Eff Energy MFP Heat Pump equipment - Space Heating - 01+ EC | REW | R, Single Family Low Income | Electric | SPS	$18,008.00	$78.00
654 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Manufactured | Non | SPS	$25,168.54	$98.33
655 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Manufactured | Fuel | SPS	$25,168.54	$98.33
656 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi family | Non | SPS	$25,168.54	$98.33
657 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi family | Fuel | SPS	$25,168.54	$98.33
658 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$25,168.54	$98.33
659 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$25,168.54	$98.33
660 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family | Non | SPS	$25,168.54	$98.33
661 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family | Fuel | SPS	$25,168.54	$98.33
662 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Non | SPS	$25,168.54	$98.33
663 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Fuel | SPS	$25,168.54	$98.33
664 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Electric | SPS	$25,168.54	$98.33
665 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Warehouse | Non | SPS	$25,168.54	$98.33
666 - Com - Ductless Mini Split Heat Pumps | REF1 | Other | Non | SPS	$25,168.54	$98.33
667 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Non | SPS	$26,108.00	$79.00
668 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Fuel | SPS	$26,108.00	$79.00
669 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Non | SPS	$26,108.00	$79.00
670 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Fuel | SPS	$26,108.00	$79.00
671 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$26,108.00	$79.00
672 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$26,108.00	$79.00
673 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Non | SPS	$26,108.00	$79.00
674 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Fuel | SPS	$26,108.00	$79.00
675 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Income | Non | SPS	$26,108.00	$79.00
676 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Income | Fuel | SPS	$26,108.00	$79.00
677 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$26,108.00	$79.00
678 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$26,108.00	$79.00
679 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Manufactured | Non | SPS	$27,600.63	$187.00
680 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Manufactured | Fuel | SPS	$27,600.63	$187.00
681 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi family | Non | SPS	$27,600.63	$187.00
682 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi family | Fuel | SPS	$27,600.63	$187.00
683 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Non | SPS	$27,600.63	$187.00
684 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Multi Fa mfg Low Income | Fuel | SPS	$27,600.63	$187.00
685 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Single Family | Non | SPS	$27,600.63	$187.00
686 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | NEW | R, Single Family | Fuel | SPS	$27,600.63	$187.00
687 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Non | SPS	$27,600.63	$187.00
688 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Fuel | SPS	$27,600.63	$187.00
689 - Res - Efficient Storage w/ ≥ 7 utilities Water Heaters - 100% Applicable | REW | R, Single Family Low Income | Electric | SPS	$27,600.63	$187.00
690 - Res - Refrigerator Recycle - Space Heating - 01+ EC | REW | R, Manufactured | Non | SPS	$28,304.00	$98.33
691 - Res - Refrigerator Recycle - Space Heating - 01+ EC | REW | R, Manufactured | Fuel | SPS	$28,304.00	$98.33
692 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Multi family | Non | SPS	$28,304.00	$98.33
693 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Multi family | Fuel | SPS	$28,304.00	$98.33
694 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Multi Fa mfg Low Income | Non | SPS	$28,304.00	$98.33
695 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Multi Fa mfg Low Income | Fuel | SPS	$28,304.00	$98.33
696 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Single Family | Non | SPS	$28,304.00	$98.33
697 - Res - Refrigerator Recycle - Space Heating - 01+ EC | NEW | R, Single Family | Fuel | SPS	$28,304.00	$98.33
698 - Res - Refrigerator Recycle - Space Heating - 01+ EC | REW | R, Single Family Low Income | Non | SPS	$28,304.00	$98.33
699 - Res - Refrigerator Recycle - Space Heating - 01+ EC | REW | R, Single Family Low Income | Fuel | SPS	$28,304.00	$98.33
700 - Res - Refrigerator Recycle - Space Heating - 01+ EC | REW | R, Single Family Low Income | Electric | SPS	$28,304.00	$98.33
701 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Manufactured | Non | SPS	$28,642.54	$98.33
702 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Manufactured | Fuel | SPS	$28,642.54	$98.33
703 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi family | Non | SPS	$28,642.54	$98.33
704 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi family | Fuel | SPS	$28,642.54	$98.33
705 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$28,642.54	$98.33
706 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$28,642.54	$98.33
707 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family | Non | SPS	$28,642.54	$98.33
708 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family | Fuel | SPS	$28,642.54	$98.33
709 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Non | SPS	$28,642.54	$98.33
710 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Fuel | SPS	$28,642.54	$98.33
711 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Single Family Low Income | Electric | SPS	$28,642.54	$98.33
712 - Res - Ductless Mini Split Heat Pumps | REF1 | R, Warehouse | Non | SPS	$28,642.54	$98.33
713 - Com - Ductless Mini Split Heat Pumps | REF1 | Other | Non | SPS	$28,642.54	$98.33
714 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Non | SPS	$29,216.00	$79.00
715 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Fuel | SPS	$29,216.00	$79.00
716 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Non | SPS	$29,216.00	$79.00
717 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Fuel | SPS	$29,216.00	$79.00
718 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$29,216.00	$79.00
719 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$29,216.00	$79.00
720 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Non | SPS	$29,216.00	$79.00
721 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Fuel | SPS	$29,216.00	$79.00
722 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Income | Non | SPS	$29,216.00	$79.00
723 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Income | Fuel | SPS	$29,216.00	$79.00
724 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	$29,216.00	$79.00
725 - Res - Ste mn operable storm windows - Space Heating - 02+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	$29,216.00	$79.00
726 - Res - Select Mnn w Rep eff Furnace NEW | C, MinisqftOtA, Gas Detection | Non | SPS	$77,131.00	$90.00
727 - Res - Select Mnn w Rep eff Furnace NEW | C, MinisqftOtA, Gas Detection | Fuel | SPS	$77,131.00	$90.00
728 - Select Mnn w Rep eff Furnace REF | C, MinisqftOtA Gas Detection | Non | SPS	$1,108,000.00	$90.00
729 - Select Mnn w Rep eff Furnace REF | C, MinisqftOtA Gas Detection | Fuel | SPS	$1,108,000.00	$90.00
730 - Int - GND CMM | REF | C, MinisqftOtA Gas Detection | Non | SPS	$2,140,676.10	$90.57
731 - Int - GND CMM | REF | C, MinisqftOtA Gas Detection | Fuel | SPS	$2,140,676.10	$90.57
732 - Com - Pre-rinse Spray Valves | REF1 | C, Lodging | Non | SPS	$65,530.00	$90.57
733 - Com - Pre-rinse Spray Valves | REF1 | C, Health | Non | SPS	$65,530.00	$90.57
734 - Com - Pre-rinse Spray Valves | REF1 | C, Health | Fuel | SPS	$65,530.00	$90.57
735 - Com - Pre-rinse Spray Valves | REF1 | C, Lodging | Non | SPS	$65,530.00	$90.57
736 - Com - Pre-rinse Spray Valves | REF1 | C, Lodging | Fuel | SPS	$65,530.00	$90.57
737 - Com - Pre-rinse Spray Valves | REF1 | C, Other | Non | SPS	$65,530.00	$90.57
738 - Com - Pre-rinse Spray Valves | REF1 | C, Other | Fuel | SPS	$65,530.00	$90.57
739 - Com - Pre-rinse Spray Valves | REF1 | C, School | Non | SPS	$65,530.00	$90.57
740 - Com - Pre-rinse Spray Valves | REF1 | C, School | Fuel | SPS	$65,530.00	$90.57
741 - Res - Demonstration - Space Heating - 01+ NC | NEW | R, Manufactured | Non | SPS	$65,530.00	$90.57
742 - Res - Demonstration - Space Heating - 01+ NC | NEW | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
743 - Res - Leaf Blower Blowdown - 100% Applicable | NEW | R, Manufactured | Non | SPS	$65,530.00	$90.57
744 - Res - Leaf Blower Blowdown - 100% Applicable | NEW | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
745 - Res - Leaf Blower Blowdown - 100% Applicable | NEW | R, Multi family | Non | SPS	$65,530.00	$90.57
746 - Res - Leaf Blower Blowdown - 100% Applicable | NEW | R, Multi family | Fuel | SPS	$65,530.00	$90.57
747 - Res - Demonstration - Space Heating - 01+ EC | REF | R, Manufactured | Non | SPS	$65,530.00	$90.57
748 - Res - Demonstration - Space Heating - 01+ EC | REF | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
749 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Manufactured | Non | SPS	$65,530.00	$90.57
750 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
751 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi family | Non | SPS	$65,530.00	$90.57
752 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi family | Fuel | SPS	$65,530.00	$90.57
753 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi Fa mfg | Non | SPS	$65,530.00	$90.57
754 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi Fa mfg | Fuel | SPS	$65,530.00	$90.57
755 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Manufactured | Non | SPS	$65,530.00	$90.57
756 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
757 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Manufactured | Non | SPS	$65,530.00	$90.57
758 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
759 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi family | Non | SPS	$65,530.00	$90.57
760 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi family | Fuel | SPS	$65,530.00	$90.57
761 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi Fa mfg | Non | SPS	$65,530.00	$90.57
762 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Multi Fa mfg | Fuel | SPS	$65,530.00	$90.57
763 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Single Family | Non | SPS	$65,530.00	$90.57
764 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Single Family | Fuel | SPS	$65,530.00	$90.57
765 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Single Family | Non | SPS	$65,530.00	$90.57
766 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Single Family | Fuel | SPS	$65,530.00	$90.57
767 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Single Family Low Income | Non | SPS	$65,530.00	$90.57
768 - Res - Leaf Blower Blowdown - 100% Applicable | REF | R, Single Family Low Income | Fuel | SPS	$65,530.00	$90.57
769 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Single Family Low Income | Non | SPS	$65,530.00	$90.57
770 - Res - Demonstration - Space Heating - 01+ NC | REF | R, Single Family Low Income | Fuel | SPS	$65,530.00	$90.57
771 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Manufactured | Non | SPS	$65,530.00	$90.57
772 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Manufactured | Fuel | SPS	$65,530.00	$90.57
773 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Multi family | Non | SPS	$65,530.00	$90.57
774 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Multi family | Fuel | SPS	$65,530.00	$90.57
775 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Multi Fa mfg | Non | SPS	$65,530.00	$90.57
776 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Multi Fa mfg | Fuel | SPS	$65,530.00	$90.57
777 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Single Family | Non | SPS	$65,530.00	$90.57
778 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Single Family | Fuel | SPS	$65,530.00	$90.57
779 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Single Family Low Income | Non | SPS	$65,530.00	$90.57
780 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Single Family Low Income | Fuel | SPS	$65,530.00	$90.57
781 - Res - Ste mn - Fuel Switching - 100% Applicable | REF | R, Single Family Low Income | Electric | SPS	$65,530.00	$90.57
782 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family Low Income | Non | SPS	$65,530.00	$90.57
783 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family Low Income | Fuel | SPS	$65,530.00	$90.57
784 - Res - Ste mn operable storm windows - Space Heating - 01+ EC | REF1 | R, Single Family Low Income | Electric | SPS	$65,530.00	$90.57
785 - Res - Fall Aeration - Space Heating - 01+ NC | REF | R, Single Family Low Income | Non | SPS	$65,530.00	$90.57
786 - Res - Fall Aeration - Space Heating - 01+ NC | REF | R, Single Family Low Income | Fuel | SPS	$65,530.00	$90.57
787 - Res - Fall Aeration - Space Heating - 01+ NC | REF | R, Single Family Low Income | Electric | SPS	$65,530.00	$90.57

Measure	Cost-shift Inc Pd cost of (NPV)	Level-shift Cost Eff Inc Pd
788 - Res - Networked Connected - Indoor LE Lamp - Space Heating - 01+ NC | HEW | R, Multi Fam& Low Income | Fuel | SPS	2932.00	50.33.00
789 - Res - Networked Connected - Indoor LE Lamp - Space Heating - 01+ NC | HEW | R, Multi Fam|Low Income |Fuel | SPS	2932.00	50.33.00
790 - Res - Networked Connected - Indoor LED Lamp - Space Heating - 01+ NC | HEW | R, Manufactured | Non | SPS	2932.00	50.33.00
791 - Res - Networked Connected - Indoor LED Lamp - Space Heating - 01+ NC | HEW | R, Manufactured | Fuel | SPS	2932.00	50.33.00
792 - Res - Networked Connected - Indoor LED Lamp - Space Heating - 01+ NC | HEW | R, Single Family Low Inc | Non | SPS	2932.00	50.33.00
793 - Res - Networked Connected - Indoor LED Lamp - Space Heating - 01+ NC | HEW | R, Single Family Low Inc | Fuel | SPS	2932.00	50.33.00
794 - Res - Networked Connected - Indoor LED Lamp - Space Heating - 01+ NC | HEW | R, Single Family Low Inc | Electric | SPS	2932.00	50.33.00
795 - Com - Cashless Mini Split Heat Pumps | REF1 | R, Warehouse | Non | SPS	3474.17	50.33.00
796 - Com - Cashless Mini Split Heat Pumps | REF1 | Other | Non | SPS	3474.17	50.33.00
797 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Non | SPS	4108.06	50.33.00
798 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Manufactured | Fuel | SPS	4108.06	50.33.00
799 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Non | SPS	4108.06	50.33.00
800 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Multi family | Fuel | SPS	4108.06	50.33.00
801 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Non | SPS	4108.06	50.33.00
802 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Multi Fa mfg Low Income | Fuel | SPS	4108.06	50.33.00
803 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Non | SPS	4108.06	50.33.00
804 - Res - Interior open atic storm windows - Space Heating - 01+ EC | REF1 | R, Single Family | Fuel | SPS	4108.06	50.33.00
805 - Res - Interior open atic storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low Income | Non | SPS	4108.06	50.33.00
806 - Res - Interior open atic storm windows - Space Heating - 02+ EC | REF1 | R, Single Family Low

Rank	Measure	MWh Saved	Cumulative % of Total
1	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MF and water etc) (Xcel | SPS)	65,535,000	6
2	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Home Audits etc) (Xcel | SPS)	65,535,000	6
3	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MF and water etc) (Xcel | SPS)	65,535,000	6
4	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Home Audits etc) (Xcel | SPS)	65,535,000	6
5	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MultiF Family) (Xcel | SPS)	65,535,000	6
6	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MultiF Family) (Xcel | SPS)	65,535,000	6
7	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	65,535,000	6
8	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	65,535,000	6
9	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MultiF Family, Low Income) (Xcel | SP	65,535,000	6
10	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, MultiF Family, Low Income) (Xcel | SP	65,535,000	6
11	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Load Income)	65,535,000	6
12	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Load Income)	65,535,000	6
13	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
14	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
15	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
16	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
17	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
18	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
19	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
20	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
21	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
22	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
23	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
24	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
25	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
26	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
27	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
28	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
29	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
30	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
31	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
32	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
33	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
34	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
35	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
36	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
37	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
38	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
39	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
40	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
41	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
42	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
43	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
44	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
45	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
46	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
47	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
48	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
49	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
50	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
51	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
52	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
53	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
54	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
55	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
56	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
57	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
58	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
59	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
60	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
61	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
62	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
63	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
64	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
65	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
66	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
67	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
68	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
69	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
70	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
71	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
72	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
73	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
74	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
75	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
76	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
77	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
78	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
79	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
80	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
81	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
82	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
83	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
84	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
85	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
86	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
87	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
88	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
89	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
90	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
91	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
92	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
93	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
94	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
95	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
96	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
97	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
98	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
99	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6
100	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Single Fam By Low Income)	65,535,000	6



Rank	Measure	MWh Saved	Cumulative % of Total (MWh)
1	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk nodu boost) (Xcel | SPS)	63,535,000	6
2	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk nodu boost) (Xcel | SPS)	63,535,000	6
3	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk nodu boost) (Xcel | SPS)	63,535,000	6
4	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk nodu boost) (Xcel | SPS)	63,535,000	6
5	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
6	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
7	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
8	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
9	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
10	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
11	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
12	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
13	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
14	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
15	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
16	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
17	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
18	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
19	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
20	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
21	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
22	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
23	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
24	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
25	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
26	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
27	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
28	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
29	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
30	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
31	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
32	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
33	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
34	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
35	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
36	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
37	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
38	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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42	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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44	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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46	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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52	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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54	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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59	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
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78	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
79	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
80	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
81	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
82	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
83	Res - Home Energy Report #2 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR, Mk II Pwr Rev) (Xcel | SPS)	63,535,000	6
84	Res - Home Energy Report #1 (no opt Tx entities in Rocky Mtn Power) - 100 % applicable (no NEW LR

Path	Measure	TRC Rate	Co-inst pct + Pub rid (MFB)
246	Rw - ENERGYSTAR Windows - Space Heating - GH + EC	4.16	2.27
247	Rw - ENERGYSTAR Windows - Space Heating - GH + EC	4.16	2.26
248	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	4.01	2.26
249	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	4.01	2.26
250	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	4.01	2.26
251	Rw - Air Cooled Chiller - Cooling - Cooling	3.98	2.23
252	Cw in - Room Air Conditioner - Cooling - Cooling	3.98	2.23
253	Cw in - Room Air Conditioner - Cooling - Cooling	3.98	2.23
254	Cw in - Room Air Conditioner - Cooling - Cooling	3.98	2.23
255	Cw in - Room Air Conditioner - Cooling - Cooling	3.98	2.23
256	Rw - Ductless Mini Split Heat Pump - Space Heating - GH + EC	3.94	2.27
257	Rw - Ductless Mini Split Heat Pump - Space Heating - GH + EC	3.94	2.27
258	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.78	2.33
259	Rw - ENERGYSTAR Windows - Space Heating - GH + EC	3.76	2.34
260	Rw - ENERGYSTAR Windows - Space Heating - GH + EC	3.76	2.34
261	Rw - ENERGYSTAR Windows - Space Heating - GH + EC	3.76	2.34
262	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	2.34
263	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	2.34
264	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	2.34
265	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	2.34
266	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	2.34
267	Rw - Air Cooled Chiller - Cooling - Cooling	3.77	2.46
268	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
269	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
270	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
271	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
272	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
273	Cw in - LED Night Light - Clean Lighting - Heating	3.76	2.46
274	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.74	2.48
275	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.74	2.48
276	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.73	2.48
277	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.73	2.48
278	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.72	2.48
279	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
280	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
281	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
282	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
283	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
284	Rw - Air Cooled Chiller - Cooling - Cooling	3.72	2.48
285	Rw - Air Cooled Chiller - Cooling - Cooling	3.72	2.48
286	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
287	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
288	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
289	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
290	Rw - Lux sen LEDs - Space Heating - GH + EC	3.77	2.46
291	Cw in - LED Night Light - Clean Lighting - Heating	3.76	2.46
292	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.74	2.48
293	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.74	2.48
294	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.73	2.48
295	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.73	2.48
296	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.72	2.48
297	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
298	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
299	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
300	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
301	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	2.48
302	Rw - Air Cooled Chiller - Cooling - Cooling	3.72	2.48
303	Rw - Air Cooled Chiller - Cooling - Cooling	3.72	2.48
304	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.61	2.50
305	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.61	2.50
306	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.61	2.50
307	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.61	2.50
308	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.60	2.50
309	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.60	2.50
310	Rw - Air Cooled Chiller - Cooling - Cooling	3.47	2.56
311	Rw - Air Cooled Chiller - Cooling - Cooling	3.47	2.56
312	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.39	2.54
313	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.39	2.54
314	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.38	2.52
315	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.38	2.52
316	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.38	2.52
317	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.29	2.54
318	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.29	2.54
319	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.26	2.54
320	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.26	2.54
321	Cw in - LED Night Light - Clean Lighting - Heating	3.01	2.58
322	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.23	2.55
323	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.23	2.55
324	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.23	2.55
325	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.23	2.55
326	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.23	2.55
327	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.16	2.55
328	Rw - Lux sen LEDs - Space Heating - GH + EC	3.14	2.55
329	Rw - Lux sen LEDs - Space Heating - GH + EC	3.14	2.55
330	Rw - Lux sen LEDs - Space Heating - GH + EC	3.14	2.55
331	Rw - Lux sen LEDs - Space Heating - GH + EC	3.14	2.55
332	Rw - Lux sen LEDs - Space Heating - GH + EC	3.14	2.55
333	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.08	2.56
334	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	3.08	2.56
335	Cw in - LED Night Light - Clean Lighting - Heating	2.91	2.58
336	Cw in - Metro LED Lamp - PARABRIGHTMA (1W) (C_Other) (Non)	2.91	2.58
337	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
338	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
339	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
340	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
341	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
342	Rw - Duct Sealing - Sp sce Heating - GH + EC	2.91	2.58
343	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
344	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
345	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
346	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
347	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
348	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
349	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
350	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
351	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
352	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
353	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
354	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
355	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
356	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
357	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
358	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
359	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
360	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
361	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
362	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
363	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
364	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
365	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
366	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
367	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
368	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
369	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
370	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
371	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
372	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
373	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
374	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
375	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
376	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
377	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
378	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
379	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
380	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
381	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
382	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
383	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
384	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
385	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
386	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
387	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
388	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
389	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
390	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
391	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
392	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
393	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
394	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
395	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
396	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
397	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
398	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
399	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
400	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
401	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
402	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
403	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
404	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
405	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
406	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
407	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
408	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
409	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
410	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
411	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
412	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
413	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
414	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
415	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
416	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
417	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
418	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
419	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
420	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
421	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
422	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
423	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
424	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
425	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
426	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
427	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
428	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
429	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
430	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
431	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
432	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
433	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
434	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
435	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
436	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
437	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
438	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
439	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
440	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
441	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
442	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
443	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
444	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
445	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
446	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
447	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
448	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
449	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
450	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
451	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
452	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
453	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
454	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
455	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
456	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
457	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
458	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
459	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
460	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
461	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
462	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
463	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
464	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
465	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
466	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
467	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
468	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
469	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
470	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
471	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
472	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
473	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
474	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
475	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
476	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
477	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
478	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
479	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
480	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
481	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
482	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
483	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
484	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
485	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
486	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
487	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
488	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
489	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
490	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
491	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
492	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
493	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
494	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
495	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
496	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
497	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
498	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
499	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58
500	Cw in - Metro Line Lam - Heating (high, medium, low fan speed)	2.91	2.58

Path	Measure	TRC Rate	Co-inst pct + Pub rid (MFB)
24	Rw - ENERGY STAR Windows - Space Heating - GH + EC	4.16	22.6
24.1	Rw - ENERGY STAR Windows - Space Heating - GH + EC	4.16	22.6
24.2	Rw - ENERGY STAR Windows - Space Heating - GH + EC	4.16	22.6
24.3	Cw - Int wind Lime Lam p (including high, med ium, low fan sp) HEW (C_Lodging) (Non)	3.99	22.3
24.4	Cw - Int wind Lime Lam p (including high, med ium, low fan sp) HEW (C_Lodging) (Non)	3.99	22.3
25	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.1	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.2	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.3	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.4	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.5	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.6	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.7	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
25.8	Cw - Rooftop Air Cond itioner (RCB) (C_Lodging) (Non) (SPS)	3.98	22.3
26	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.1	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.2	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.3	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.4	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.5	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.6	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.7	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
26.8	Cw - Pack ed Tert mal Heat Pump s (RET) (C_Lodging) (Non) (SPS)	3.78	23.3
27	Rw - ENERGY STAR Windows - Space Heating - GH + EC	3.76	23.4
27.1	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (RCB) (R_Mass Retrofit) (Non) (SPS)	3.76	23.4
27.2	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (RCB) (R_Mass Retrofit) (Non) (SPS)	3.76	23.4
28	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.76	23.4
28.1	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.76	23.4
28.2	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.76	23.4
28.3	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
28.4	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
28.5	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
28.6	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
28.7	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
28.8	Rw - ENERGY STAR W d Windows - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.76	23.4
29	Rw - Air Cooled Chiller - Cooling - Cooling	3.77	24.6
29.1	Rw - Air Cooled Chiller - Cooling - Cooling (RCB) (R_Mass Retrofit) (Non) (SPS)	3.77	24.6
29.2	Rw - Air Cooled Chiller - Cooling - Cooling (RCB) (R_Mass Retrofit) (Non) (SPS)	3.77	24.6
30	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.77	24.6
30.1	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.77	24.6
30.2	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.77	24.6
30.3	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.77	24.6
30.4	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.77	24.6
30.5	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.77	24.6
30.6	Rw - Lux sen LEDs - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.77	24.6
31	Cw in - LED Night Light - Clean Lighting - Heating	3.76	24.6
31.1	Cw in - LED Night Light - Clean Lighting - Heating (RCB) (C_Lodging) (Non) (SPS)	3.76	24.6
31.2	Cw in - LED Night Light - Clean Lighting - Heating (RCB) (C_Lodging) (Non) (SPS)	3.76	24.6
32	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling	3.74	24.8
32.1	Cw - Packaged Terminal Air Conditioner - Cooling - Cooling (RCB) (C_Lodging) (Non) (SPS)	3.74	24.8
33	Cw in - Metro Line Lam - Heating (medium, low fan speed)	3.73	24.8
33.1	Cw in - Metro Line Lam - Heating (medium, low fan speed) (RCB) (C_Lodging) (Non) (SPS)	3.73	24.8
33.2	Cw in - Metro Line Lam - Heating (medium, low fan speed) (RCB) (C_Lodging) (Non) (SPS)	3.73	24.8
34	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling	3.72	24.8
34.1	Cw in - Packaged Terminal Air Conditioner - Cooling - Cooling (RCB) (C_Lodging) (Non) (SPS)	3.72	24.8
35	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC	3.72	24.8
35.1	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC (HEW) (R_Multi Family) (Non) (SPS)	3.72	24.8
35.2	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.72	24.8
35.3	Rw - Pump sen motor for Rw min cost - Space Heating - GH + EC (HEW) (R_Single Family) (Non) (SPS)	3.72	24.8
35.4	Rw - Pump sen motor for R

Path	Measure	TRC Rate	Co-invest Pre-tax (M$)
460	Co-inv - Oil-and Evaporative Pre-Cooling (1HBW / LC, Office) | Non | SPS	1.72	31.1
461	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Office) | Non | SPS	1.72	3.08
484	Co-inv - Water Source Heat Pump (1WSH / C, Retail and or Food) | SPS	1.72	3.08
485	Co-inv - Water Source Heat Pump (1WSH / C, Restaurant) | Non | SPS	1.72	3.08
486	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Restaurant) | Non | SPS	1.71	3.08
487	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Restaurant) | Non | SPS	1.71	3.08
499	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, M-shelter, close-pt) | Kcal | SPS	1.68	3.09
500	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Single Family) | Kcal | SPS	1.68	3.09
501	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, M-shelter, low income) | Kcal | SPS	1.68	3.09
502	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Single Family, low income) | Kcal | SPS	1.68	3.09
503	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Grocery) | Kcal | SPS	1.64	3.09
504	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Grocery) | Non | SPS	1.64	3.09
505	Co-inv - Freezer - Air Condition-mate (1RFT / C, Other, Kcal | Kcal | SPS	1.63	3.10
506	Co-inv - Re-aim - Air Condition-mate (1RFT / C, Grocery) | Kcal | SPS	1.63	3.10
507	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Extra-sit) | Kcal | SPS	1.63	3.10
508	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Extra-sit) | Kcal | SPS	1.63	3.10
509	Co-inv - Water Source Heat Pump (1WSH / C, Ceiling) | Kcal | SPS	1.61	3.11
510	Co-inv - Water Source Heat Pump (1WSH / C, Ceiling) | Kcal | SPS	1.61	3.11
511	Co-inv - Water Source Heat Pump (1WSH / C, Office) | Kcal | SPS	1.61	3.11
512	Co-inv - Water Source Heat Pump (1WSH / C, Office) | Non | SPS	1.61	3.11
513	Co-inv - Dead Fire-ant Fire-up 90 deep snooz (1RFT / C, Lo-dying) | Kcal | SPS	1.61	3.11
514	Co-inv - Dead Fire-ant Fire-up 90 deep snooz (1RFT / C, Lo-dying) | Non | SPS	1.61	3.11
515	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Other | Kcal | SPS	1.59	3.12
516	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Other | Non | SPS	1.59	3.12
518	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.58	3.12
519	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.58	3.12
520	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.58	3.12
521	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.58	3.12
522	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.58	3.12
523	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.58	3.12
524	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle	1.58	3.12
525	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le	1.58	3.12
526	Co-inv - Water Source Heat Pump (1WSH / C, Heat-lift) | Kcal | SPS	1.58	3.12
527	Co-inv - Water Source Heat Pump (1WSH / C, Heat-lift) | Non | SPS	1.58	3.12
528	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Retail) | Kcal | SPS	1.58	3.12
529	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Retail) | Non | SPS	1.58	3.12
530	Co-inv - LED Fire-tage-sized Cases, Lighting (1HEC / C, Retail) | Non | SPS	1.57	3.12
531	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Cut-up-ar) | Kcal | SPS	1.57	3.12
532	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Cut-up-ar) | Non | SPS	1.57	3.12
533	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Mu-fam-by) | Kcal | SPS	1.57	3.12
534	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Mu-fam-by) | Non | SPS	1.57	3.12
535	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily) | Kcal | SPS	1.57	3.12
536	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily) | Non | SPS	1.57	3.12
537	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily Low Income) | Kcal | SPS	1.57	3.12
538	Rev - Infiltra-tion Reduct-ion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily Low Income) | Non | SPS	1.57	3.12
539	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Office) | Kcal | SPS	1.56	3.12
540	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Office) | Non | SPS	1.56	3.12
541	Co-inv - Water Source Heat Pump (1WSH / C, Lodging) | Kcal | SPS	1.55	3.13
542	Co-inv - Water Source Heat Pump (1WSH / C, Lodging) | Non | SPS	1.55	3.13
543	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Heat-ing) | Kcal | SPS	1.53	3.13
544	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Heat-ing) | Non | SPS	1.53	3.13
545	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Hospital) | Kcal | SPS	1.53	3.13
546	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Hospital) | Non | SPS	1.53	3.13
547	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Hospital) | Kcal | SPS	1.53	3.13
548	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Hospital) | Non | SPS	1.53	3.13
549	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Retail) | Kcal | SPS	1.53	3.13
550	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Retail) | Non | SPS	1.53	3.13
551	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.53	3.13
552	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.53	3.13
553	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.53	3.13
554	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.53	3.13
555	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.53	3.13
556	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.53	3.13
557	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle	1.53	3.13
558	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le	1.53	3.13
559	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Office) | Kcal | SPS	1.50	3.15
560	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Office) | Non | SPS	1.50	3.15
561	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Ambulatory) | Kcal | SPS	1.50	3.15
562	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Ambulatory) | Non | SPS	1.50	3.15
563	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Office) | Kcal | SPS	1.50	3.15
564	Rev - Air-tight Ducts - accep-ancy-ide (Ht-ken-sate (1RET / C, Office) | Non | SPS	1.50	3.15
565	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.50	3.15
566	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mec-	1.50	3.15
567	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.50	3.15
568	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Multi	1.50	3.15
569	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.50	3.15
570	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single	1.50	3.15
571	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle	1.50	3.15
572	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le	1.50	3.15
573	Rev - Glass-ics, Lighting Controls (1RET / C, Heat-ing) | Kcal | SPS	1.50	3.15
574	Rev - Glass-ics, Lighting Controls (1RET / C, Heat-ing) | Non | SPS	1.50	3.15
575	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Mu-fam-by) | Kcal | SPS	1.49	3.16
576	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Mu-fam-by) | Non | SPS	1.49	3.16
577	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Single Fam-ily) | Kcal | SPS	1.49	3.16
578	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Single Fam-ily) | Non | SPS	1.49	3.16
579	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Sin-gle Fam-ily) | Kcal | SPS	1.49	3.16
580	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Sin-gle Fam-ily) | Non | SPS	1.49	3.16
581	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Sing-le Fam-ily Low Income) | Kcal | SPS	1.49	3.16
582	Rev - Ceiling Insulation - Spa Heat Pump - Gas (1HEC) | RETR, Sing-le Fam-ily Low Income) | Non | SPS	1.49	3.16
583	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Grocery) | Kcal | SPS	1.49	3.16
584	Co-inv - Oil-and Evaporative Pre-Cooling (1KBW / C, Grocery) | Non | SPS	1.49	3.16
585	Co-inv - Freezer - Air Condition-mate (1RFT / C, Other, Kcal | Kcal | SPS	1.48	3.16
586	Co-inv - Re-aim - Air Condition-mate (1RFT / C, Grocery) | Kcal | SPS	1.48	3.16
587	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Extra-sit) | Kcal | SPS	1.48	3.17
588	Co-inv - Heat-to LED Fixture - Hig Mide-boom Gas Bay (1KBW / C, Extra-sit) | Non | SPS	1.48	3.17
589	Co-inv - Water Source Heat Pump (1WSH / C, Ceiling) | Non | SPS	1.48	3.17
590	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Hospital) | Kcal | SPS	1.48	3.17
591	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Hospital) | Non | SPS	1.48	3.17
592	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Hospital) | Non | SPS	1.48	3.17
593	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Lo-hoper) | Non | SPS	1.48	3.17
594	Co-inv - Oil-and Evaporative Pre-Cooling (1KBS / C, Lo-hoper) | Non | SPS	1.48	3.17
595	Co-inv - Water Source Heat Pump (1WSH / C, Office) | Kcal | SPS	1.48	3.17
596	Co-inv - Water Source Heat Pump (1WSH / C, Office) | Non | SPS	1.48	3.17
597	Co-inv - Dec-ating Zones (1WEF / C, Cottage) | Kcal | SPS	1.48	3.18
598	Co-inv - Dec-ating Zones (1WEF / C, Cottage) | Non | SPS	1.48	3.18
599	Co-inv - Dec-ating Zones (1WEF / C, Grocery) | Kcal | SPS	1.48	3.18
600	Co-inv - Dec-ating Zones (1WEF / C, Grocery) | Non | SPS	1.48	3.18
601	Co-inv - Dec-ating Zones (1WEF / C, Lodging) | Kcal | SPS	1.48	3.18
602	Co-inv - Dec-ating Zones (1WEF / C, Lodging) | Non | SPS	1.48	3.18
603	Co-inv - Dec-ating Zones (1WEF / C, Office) | Kcal | SPS	1.48	3.18
604	Co-inv - Dec-ating Zones (1WEF / C, Office) | Non | SPS	1.48	3.18
605	Co-inv - Dec-ating Zones (1WEF / C, Restaurant) | Kcal | SPS	1.48	3.18
606	Co-inv - Dec-ating Zones (1WEF / C, Restaurant) | Non | SPS	1.48	3.18
607	Co-inv - Dec-ating Zones (1WEF / C, Retail) | Kcal | SPS	1.48	3.18
608	Co-inv - Dec-ating Zones (1WEF / C, Retail) | Non | SPS	1.48	3.18
609	Co-inv - Dec-ating Zones (1WEF / C, Other) | Kcal | SPS	1.48	3.18
610	Co-inv - Dec-ating Zones (1WEF / C, Other) | Non | SPS	1.48	3.18
611	Co-inv - Water Source Heat Pump (1WSH / C, Kitchen) | Kcal | SPS	1.48	3.18
612	Co-inv - Water Source Heat Pump (1WSH / C, Kitchen) | Non | SPS	1.48	3.18
613	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily, Low Income) | Kcal | SPS	1.44	3.19
614	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily, Low Income) | Non | SPS	1.44	3.19
615	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, M-shelter, close-pt) | Kcal | SPS	1.44	3.19
616	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, M-shelter, close-pt) | Non | SPS	1.44	3.19
617	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Mu-fam-by) | Kcal | SPS	1.44	3.19
618	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Mu-fam-by) | Non | SPS	1.44	3.19
619	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily) | Kcal | SPS	1.44	3.19
620	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily) | Non | SPS	1.44	3.19
621	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily Low Income) | Kcal | SPS	1.44	3.19
622	Rev - High Efficiency ACHP Equipment - 17 SEER - 100 % Applicable (1HEW / R, Single Fam-ily Low Income) | Non | SPS	1.44	3.19
623	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, M-shelter, close-pt) | Kcal | SPS	1.43	3.19
624	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, M-shelter, close-pt) | Non | SPS	1.43	3.19
625	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mu-fam-by) | Kcal | SPS	1.43	3.19
626	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mu-fam-by) | Non | SPS	1.43	3.19
627	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mu-fam-by Low Income) | Kcal | SPS	1.43	3.19
628	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Mu-fam-by Low Income) | Non | SPS	1.43	3.19
629	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single Fam-ily) | Kcal | SPS	1.43	3.19
630	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single Fam-ily) | Non | SPS	1.43	3.19
631	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single Fam-ily Low Income) | Kcal | SPS	1.43	3.19
632	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Single Fam-ily Low Income) | Non | SPS	1.43	3.19
633	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle Fam-ily) | Kcal | SPS	1.43	3.19
634	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle Fam-ily) | Non | SPS	1.43	3.19
635	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle Fam-ily Low Income) | Kcal | SPS	1.43	3.19
636	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sin-gle Fam-ily Low Income) | Non | SPS	1.43	3.19
637	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le Fam-ily) | Kcal | SPS	1.43	3.19
638	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le Fam-ily) | Non | SPS	1.43	3.19
639	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le Fam-ily Low Income) | Kcal | SPS	1.43	3.19
640	Rev - Ductless Mini Split Heat Pump - Spa-ce Heat-ing - (1H + EC) (1HEW / R, Sing-le Fam-ily Low Income) | Non | SPS	1.43	3.19
641	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Restaurant) | Kcal | SPS	1.42	3.20
642	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Restaurant) | Non | SPS	1.42	3.20
643	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Food-serv) | Kcal | SPS	1.42	3.20
644	Co-inv - Heat-to LED Fixture - High Mide-boom Gas Bay (1KBW / C, Food-serv) | Non | SPS	1.42	3.20
645	Co-inv - Oil-fired, vari-ca-tions, L-shelfs (gas-ra-ctivities) (1KBW / C, Retail) | Kcal | SPS	1.41	3.21
646	Co-inv - Oil-fired, vari-ca-tions, L-shelfs (gas-ra-ctivities) (1KBW / C, Retail) | Non | SPS	1.41	3.21
647	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Lod-ging) | Non | SPS	1.41	3.21
648	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Lod-ging) | Non | SPS	1.41	3.21
649	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, M-and-ated-ed) | Kcal | SPS	1.41	3.21
650	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, M-and-ated-ed) | Non | SPS	1.41	3.21
651	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Mu-fam-by) | Kcal | SPS	1.41	3.21
652	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Mu-fam-by) | Non | SPS	1.41	3.21
653	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily) | Kcal | SPS	1.41	3.21
654	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily) | Non | SPS	1.41	3.21
655	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily Low Income) | Kcal | SPS	1.41	3.21
656	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Single Fam-ily Low Income) | Non | SPS	1.41	3.21
657	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sin-gle Fam-ily) | Kcal | SPS	1.41	3.21
658	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sin-gle Fam-ily) | Non | SPS	1.41	3.21
659	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sin-gle Fam-ily Low Income) | Kcal | SPS	1.41	3.21
660	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sin-gle Fam-ily Low Income) | Non | SPS	1.41	3.21
661	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sing-le Fam-ily) | Kcal | SPS	1.41	3.21
662	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sing-le Fam-ily) | Non | SPS	1.41	3.21
663	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sing-le Fam-ily Low Income) | Kcal | SPS	1.41	3.21
664	Rev - Wind Insula-tion - Spa-ce Heat-ing - (1H + NC) (1RET-R, Sing-le Fam-ily Low Income) | Non | SPS	1.41	3.21
665	Co-inv - Water Source Heat Pump (1WSH / C, Grocery) | Non | SPS	1.38	3.21
666	Co-inv - Water Source Heat Pump (1WSH / C, Grocery) | Non | SPS	1.38	3.21
667	Co-inv - Re-aim - Air Condition-mate (1RFT / C, Grocery) | Kcal | SPS	1.38	3.21
668	Co-inv - Re-aim - Air Condition-mate (1RFT / C, Grocery) | Non | SPS	1.38	3.21
669	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Restaurant) | Non | SPS	1.37	3.22
670	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Restaurant) | Non | SPS	1.37	3.22
671	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Food-serv) | Non | SPS	1.37	3.22
672	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Food-serv) | Non | SPS	1.37	3.22
673	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Mec-	1.37	3.22
674	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Mec-	1.37	3.22
675	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Multi	1.37	3.22
676	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Multi	1.37	3.22
677	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Single	1.37	3.22
678	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Single	1.37	3.22
679	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Sin-gle	1.37	3.22
680	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Sing-le	1.37	3.22
681	Co-inv - Cooling Tower - Air Condition-mate (1RFT / C, Food-serv) | Kcal | SPS	1.36	3.23
682	Co-inv - Cooling Tower - Air Condition-mate (1RFT / C, Food-serv) | Non | SPS	1.36	3.23
683	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Cottage) | Kcal | SPS	1.37	3.27
684	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Cottage) | Non | SPS	1.37	3.27
685	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Grocery) | Kcal | SPS	1.37	3.27
686	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Grocery) | Non | SPS	1.37	3.27
687	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Office) | Kcal | SPS	1.37	3.27
688	Co-inv - Heat-to Heat-ants - Cons-ion Heat-ing (1HEW / C, Office) | Non | SPS	1.37	3.27
689	Co-inv - Hig-h Efficiency Cold Heat Pump (Spa-ce Heat-ing) (1HEW / C, Retail) | Kcal | SPS	1.37	3.27
690	Co-inv - Hig-h Efficiency Cold Heat Pump (Spa-ce Heat-ing) (1HEW / C, Retail) | Non | SPS	1.37	3.27
691	Co-inv - LED Fire-tage-sized Cases, Lighting (1HEC / C, Office) | Non | SPS	1.36	3.31
692	Co-inv - LED Fire-tage-sized Cases, Lighting (1HEW / C, Other) | Kcal | SPS	1.36	3.31
693	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Mec-	1.36	3.31
694	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Mec-	1.36	3.31
695	Rev - LED Lamps (Gene-ral Service: Lam-pes-ions ding A Lu-tops. Sp-ecialty Lamp-s) - Spa-ce Heat-ing - (1H + NC) (1HEW / R, Multi	1.36	3.31
696	Rev - LED Lamps (Gene-ral Service: Lam-pes-

Path	Measure	TRC Rate	Co-inst rate 1-Pole kW	Co-inst rate 2-Pole kW
756	Ccx ex - RTU with Dem and Cont | RET | C_Health | Kcal | SPS	1.02	4.16	4.16
759	Ccx ex - RTU with Dem and Cont | RET | C_Lab tmp | Kcal | SPS	1.03	4.16	
760	Ccx ex - RTU with Dem and Cont | RET | C_Office | Kcal | SPS	1.03	4.08	
761	Ccx ex - RTU with Dem and Cont | RET | C_Other | Kcal | SPS	1.03	4.08	
762	Ccx ex - RTU with Dem and Cont | RET | C_Restaurant | Kcal | SPS	1.03	4.08	
763	Ccx ex - RTU with Dem and Cont | RET | C_Retail | Kcal | SPS	1.03	4.08	
764	Ccx ex - RTU with Dem and Cont | RET | C_School | Kcal | SPS	1.03	4.08	
765	Ccx ex - RTU with Dem and Cont | RET | C_Warehouse | Kcal | SPS	1.03	4.08	
766	Ccx ex - Hp 6 Efficiency Cooling | Heat Pump System | HEAT | C_Cooling | Kcal | SPS	1.02	4.04	
767	Ccx ex - Hp 6 Efficiency Cooling | Heat Pump System | HEAT | C_Cooling | Kcal | SPS	1.02	4.04	
768	Ccx ex - Hp 6 Efficiency Cooling | Heat Pump System | HEAT | C_Health | Kcal | SPS	1.02	4.04	
769	Ccx ex - Hp 6 Efficiency Cooling | Heat Pump System | HEAT | C_Health | Kcal | SPS	1.01	4.07	
770	Ccx ex - Hp 6 Efficiency Cooling | Heat Pump System | HEAT | C_Lab tmp | Kcal | SPS	1.01	4.07	
771	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	1.00	4.06	
772	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	1.00	4.06	
773	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
774	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
775	Ccx ex - Oil and Evaporative Pre Cooling | NEW | C_Water Issues | Kcal | SPS	0.98	4.06	
776	Ccx ex - Oil and Evaporative Pre Cooling | NEW | C_Water Issues | Kcal | SPS	0.98	4.06	
756	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Lab tgting | Kc	0.98	4.06	
757	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Lab tgting | Kcal	0.98	4.06	
758	Ccx ex - Base ecm, Lighting, Controls to FIXTURE | C_Other | Kcal | SPS	0.98	4.06	
759	Ccx ex - Interior Light tmp Ccx ebtdn: occup occupcy ctg lnt ex: room | RET | C_Lab tgting | Kcal | SPS	0.98	4.06	
760	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
761	Ccx ex - Hp 6 Efficiency Ac Cooling | Heat Pump System | HEAT | C_Other | Kcal | SPS	0.98	4.06	
762	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
763	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
764	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
765	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
766	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
767	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
768	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
769	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
770	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
771	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
772	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
773	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
774	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
775	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
776	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
777	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Lab tgting | Kc	0.98	4.06	
778	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Lab tgting | Kcal	0.98	4.06	
779	Ccx ex - Base ecm, Lighting, Controls to FIXTURE | C_Other | Kcal | SPS	0.98	4.06	
780	Ccx ex - Interior Light tmp Ccx ebtdn: occup occupcy ctg lnt ex: room | RET | C_Lab tgting | Kcal | SPS	0.98	4.06	
781	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
782	Ccx ex - Hp 6 Efficiency Ac Cooling | Heat Pump System | HEAT | C_Other | Kcal | SPS	0.98	4.06	
783	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
784	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
785	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
786	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
787	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
788	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
789	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
790	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
791	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
792	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
793	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
794	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
795	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
796	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
797	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	0.98	4.06	
798	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	0.98	4.06	
799	Ccx ex - LED Re-type steel. Cases, Lighting | NEW | C_Dairy | Kcal | SPS	0.98	4.06	
800	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.98	4.06	
801	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.98	4.06	
802	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
803	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
804	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
805	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
806	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
807	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
808	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
809	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
810	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
811	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
812	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
813	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
814	Ccx ex - Ok Water Lost on cooler, controls gage, no efficiencies | NEW | C_Other | Kcal | SPS	0.98	4.06	
815	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
816	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
817	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
818	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
819	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
820	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
821	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
822	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
823	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
824	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
825	Ccx ex - Demand Cont cooled: lst vibration - Cons ove ccut ticks ex: | NEW | C_Cooling | Kcal | SPS	0.98	4.06	
826	Ccx ex - Ok Water Mt-Sq-ft Heat Pump | NEW | C_Office | Kcal | SPS	0.98	4.06	
827	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
828	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
829	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
830	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
831	Ccx ex - LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
832	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	0.98	4.06	
833	Ccx ex - Interior Heaters in Cooler extend. LED Fixtures in | NEW | C_Other | Kcal | SPS	0.98	4.06	
834	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
835	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
836	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.98	4.06	
837	Ccx ex - Base ecm, Lighting, Controls to FIXTURE | C_Other | Kcal | SPS	0.98	4.06	
838	Ccx ex - Interior Light tmp Ccx ebtdn: occup occupcy ctg lnt ex: room | RET | C_Lab tgting | Kcal | SPS	0.98	4.06	
839	Ccx ex - Interior Light tmp Ccx ebtdn: occup occupcy ctg lnt ex: room | RET | C_Lab tgting | Kcal | SPS	0.98	4.06	
840	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
841	Ccx ex - Interior Light tmp Ccx ebtdn: occup occupcy ctg lnt ex: room | RET | C_Lab tgting | Kcal | SPS	0.98	4.06	
842	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
843	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
844	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
845	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
846	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
847	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
848	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
849	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
850	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
851	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Office | Kcal	0.98	4.06	
852	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
853	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
854	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
855	Ccx ex - Hp 6 Efficiency Ac Pre-cooled | Air Cooled Condensing | NEW | C_Lab tmp | Kcal | SPS	0.98	4.06	
856	Ccx ex - Zero Energy Dis ces | ROB | C_Health | Kcal | SPS	0.78	3.93	
857	Ccx ex - Zero Energy Dis ces | ROB | C_Health | Kcal | SPS	0.78	3.93	
858	Ccx ex - Zero Energy Dis ces | ROB | C_Lab tmp | Kcal | SPS	0.78	3.93	
859	Ccx ex - Zero Energy Dis ces | ROB | C_Lab tmp | Kcal | SPS	0.78	3.93	
860	Ccx ex - Zero Energy Dis ces | ROB | C_Office | Kcal | SPS	0.78	3.93	
861	Ccx ex - Zero Energy Dis ces | ROB | C_Other | Kcal | SPS	0.78	3.93	
862	Ccx ex - Zero Energy Dis ces | ROB | Restaurant | Kcal | SPS	0.78	3.93	
863	Ccx ex - Zero Energy Dis ces | ROB | Retail | Kcal | SPS	0.78	3.93	
864	Ccx ex - Zero Energy Dis ces | ROB | Warehouse | Kcal | SPS	0.78	3.93	
865	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.78	3.93	
866	Ccx ex - Advanced Power St ces - 100% Applicable to | RET | R_Single Family | Kcal | SPS	0.78	3.93	
867	Ccx ex - Advanced Power St ces - 100% Applicable to | RET | R_Single Family | Kcal | SPS	0.78	3.93	
868	Ccx ex - Advanced Power St ces - 100% Applicable to | RET | R_Single Family | Kcal | SPS	0.78	3.93	
869	Ccx ex - Advanced Power St ces - 100% Applicable to | RET | R_Single Family | Kcal | SPS	0.78	3.93	
870	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
871	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
872	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
873	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
874	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
875	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
876	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Health | Kcal	0.77	3.94	
877	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
878	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
879	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
880	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
881	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
882	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
883	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
884	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
885	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
886	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
887	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
888	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
889	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
890	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
891	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
892	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
893	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
894	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
895	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
896	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
897	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
898	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
899	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
900	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
901	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
902	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
903	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
904	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
905	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
906	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
907	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
908	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
909	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
910	Ccx ex - Hp 6 Efficiency Ac Heat Pump System | NEW | C_Warehouse | Kcal | SPS	0.77	3.94	
911	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Other | Kcal	0.77	3.95	
912	Ccx ex - Interior LED Fixture - Other (instead on at a time LED Mat ex in: core inner cold aisle lighting | NEW | C_Other | Kcal	0.77	3.95	
913	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
914	Ccx ex - LED Re-type steel. Cases, Lighting | NEW | C_Freezer | Kcal | SPS	0.77	3.95	
915	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
916	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
917	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
918	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
919	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
920	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
921	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
922	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
923	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
924	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
925	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
926	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
927	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
928	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
929	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
930	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
931	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
932	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
933	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
934	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
935	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
936	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
937	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
938	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
939	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
940	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
941	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
942	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
943	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
944	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
945	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
946	Ccx ex - Hp 6 Efficiency Ac Heat Pump | NEW | C_Water Issues | Kcal | SPS	0.77	3.95	
947	Ccx ex - Ok Water Mt-Sq-ft Heat Pump | NEW | C_Other | Kcal | SPS	0.77	3.95	
948	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
949	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
950	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
951	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
952	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
953	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
954	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
955	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
956	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
957	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
958	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
959	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
960	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
961	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
962	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
963	Ccx ex - Interior LED Lamp w/ P ballast for 8ft | Kcal | SPS	0.77	3.95	
964	Ccx ex - Interior LED Lamp w

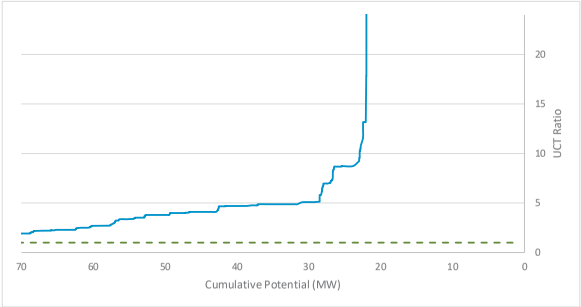
Path	Measure	TRC Rate	Co-inst rate + Pub rate (MFB)
986	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
985	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
988	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
987	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
990	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
989	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
992	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
991	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
994	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
993	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
996	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
995	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
998	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
997	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1000	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
999	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1002	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1001	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1004	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1003	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1006	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1005	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1008	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1007	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1010	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1009	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1012	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1011	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1014	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1013	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1016	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1015	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1018	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1017	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1020	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1019	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1022	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1021	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1024	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1023	Res - LED Dual door Picture - Space Heating - EH + WC	0.58	0.45
1026	Cos - DK RTU Unit all ser gas sizes (HEW)	0.53	0.46
1025	Cos - DK RTU Unit all ser gas sizes (HEW)	0.53	0.46
1028	Cos - Vending Machine A Cold refs (HEW)	0.53	0.46
1027	Res - Sky 5 Efficiency Pk Hospital - Air Conditioning (MB EU)	0.53	0.46
1030	Res - Sky 5 Efficiency Pk Hospital - Air Conditioning (MB EU)	0.53	0.46
1029	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1032	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1031	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1034	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1033	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1036	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1035	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1038	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1037	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1040	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1039	Cos - HVAC Variable Refrigerant Flow Chillers (HEW)	0.51	0.46
1042	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1041	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1044	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1043	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1046	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1045	Res - Inter nor oper abile st win windows - Space Heating - EH + WC	0.51	0.46
1048	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1047	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1050	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1049	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1052	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1051	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1054	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1053	Cos - DK RTU Unit all ser ele sizes (HEW)	0.50	0.46
1056	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1055	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1058	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1057	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1060	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1059	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1062	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1061	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1064	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1063	Res - Wire 8 Insulation - Space Heating - EH + WC	0.48	0.46
1066	Cos - Vending Machine A Cold refs (HEW)	0.47	0.46
1065	Cos - Vending Machine A Cold refs (HEW)	0.47	0.46
1068	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1067	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1070	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1069	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1072	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1071	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1074	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1073	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1076	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1075	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1078	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1077	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1080	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1079	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1082	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1081	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1084	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1083	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1086	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1085	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1088	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1087	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1090	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1089	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1092	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1091	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1094	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1093	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1096	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1095	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1098	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1097	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + SC	0.47	0.46
1100	Cos - DK RTU Unit all ser gas sizes (HEW)	0.46	0.46
1099	Cos - DK RTU Unit all ser gas sizes (HEW)	0.46	0.46
1102	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1101	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1104	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1103	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1106	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1105	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1108	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1107	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1110	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1109	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1112	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1111	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1114	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1113	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1116	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1115	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1118	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1117	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1120	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1119	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1122	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1121	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1124	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1123	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1126	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1125	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1128	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1127	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1130	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1129	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1132	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1131	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1134	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1133	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1136	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1135	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1138	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1137	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1140	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1139	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1142	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1141	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1144	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1143	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1146	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1145	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1148	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1147	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1150	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1149	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1152	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1151	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1154	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1153	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1156	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1155	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1158	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1157	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1160	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1159	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1162	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1161	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1164	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1163	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1166	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1165	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1168	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1167	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1170	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1169	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1172	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1171	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1174	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1173	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1176	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1175	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1178	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1177	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1180	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1179	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1182	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1181	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1184	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1183	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1186	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1185	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1188	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1187	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1190	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1189	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1192	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1191	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1194	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1193	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1196	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1195	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1198	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1197	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1200	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1199	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1202	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1201	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1204	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1203	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1206	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1205	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1208	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1207	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1210	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1209	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1212	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1211	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1214	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1213	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1216	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1215	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1218	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1217	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1220	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1219	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1222	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1221	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1224	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1223	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1226	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1225	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1228	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1227	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1230	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1229	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1232	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1231	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1234	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1233	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1236	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1235	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1238	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1237	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1240	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1239	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1242	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1241	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1244	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1243	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1246	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1245	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1248	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1247	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1250	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1249	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1252	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1251	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1254	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1253	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1256	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1255	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1258	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1257	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1260	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1259	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1262	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1261	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1264	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1263	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1266	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1265	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1268	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1267	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1270	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1269	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1272	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1271	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1274	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1273	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1276	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1275	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1278	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1277	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1280	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1279	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1282	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1281	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1284	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1283	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1286	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1285	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1288	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1287	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1290	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1289	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1292	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1291	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1294	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1293	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1296	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1295	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1298	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1297	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1300	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1299	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1302	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1301	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1304	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1303	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1306	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1305	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1308	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1307	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1310	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1309	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1312	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1311	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1314	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1313	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1316	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1315	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1318	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1317	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1320	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1319	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1322	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1321	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1324	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1323	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1326	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1325	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1328	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1327	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1330	Res - Wire 8 Insulation - Space Heating - EH + WC	0.46	0.46
1329	Res - Wire 8 Insulation - Space Heating - EH

Rank	Measure	TRC Rate	Cumulative Present Value (MM)
1.1.206	Res - Cooking: Induction - Sp and Heat Reg - 0H	NEI	0.01
1.2.211	Res - Cooking: Induction - Sp and Heat Reg - 0E	NEI	0.01
1.3.202	Res - Cooking: Induction - Sp and Heat Reg - 1E	NEI	0.01
1.4.204	Res - Cooking: Induction - Sp and Heat Reg - 2E	NEI	0.01
1.5.206	Res - Cooking: Induction - Sp and Heat Reg - 3E	NEI	0.01
1.6.205	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.7.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.8.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.9.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.10.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.11.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.12.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.13.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.14.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.15.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.16.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.17.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.18.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.19.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.20.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.21.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.22.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.23.206	Res - ENERGY STAR Refrig-wtrs - 100% Ap-plicable	HEIR	0.01
1.24.206	Res - Cooking: Induction - Sp and Heat Reg - 1H	NEI	0.01
1.25.206	Res - Cooking: Induction - Sp and Heat Reg - 2H	NEI	0.01
1.26.206	Res - Cooking: Induction - Sp and Heat Reg - 3H	NEI	0.01
1.27.206	Res - Cooking: Induction - Sp and Heat Reg - 4H	NEI	0.01
1.28.206	Res - Cooking: Induction - Sp and Heat Reg - 5H	NEI	0.01
1.29.206	Res - Cooking: Induction - Sp and Heat Reg - 6H	NEI	0.01
1.30.206	Res - Cooking: Induction - Sp and Heat Reg - 7H	NEI	0.01
1.31.206	Res - Cooking: Induction - Sp and Heat Reg - 8H	NEI	0.01
1.32.206	Res - Cooking: Induction - Sp and Heat Reg - 9H	NEI	0.01
1.33.206	Res - Cooking: Induction - Sp and Heat Reg - 10H	NEI	0.01
1.34.206	Res - Cooking: Induction - Sp and Heat Reg - 11H	NEI	0.01
1.35.206	Res - Cooking: Induction - Sp and Heat Reg - 12H	NEI	0.01
1.36.206	Res - Cooking: Induction - Sp and Heat Reg - 13H	NEI	0.01
1.37.206	Res - Cooking: Induction - Sp and Heat Reg - 14H	NEI	0.01
1.38.206	Res - Cooking: Induction - Sp and Heat Reg - 15H	NEI	0.01
1.39.206	Res - Cooking: Induction - Sp and Heat Reg - 16H	NEI	0.01
1.40.206	Res - Cooking: Induction - Sp and Heat Reg - 17H	NEI	0.01
1.41.206	Res - Cooking: Induction - Sp and Heat Reg - 18H	NEI	0.01
1.42.206	Res - Cooking: Induction - Sp and Heat Reg - 19H	NEI	0.01
1.43.206	Res - Cooking: Induction - Sp and Heat Reg - 20H	NEI	0.01
1.44.206	Res - Cooking: Induction - Sp and Heat Reg - 21H	NEI	0.01
1.45.206	Res - Cooking: Induction - Sp and Heat Reg - 22H	NEI	0.01
1.46.206	Res - Cooking: Induction - Sp and Heat Reg - 23H	NEI	0.01
1.47.206	Res - Cooking: Induction - Sp and Heat Reg - 24H	NEI	0.01
1.48.206	Res - Cooking: Induction - Sp and Heat Reg - 25H	NEI	0.01
1.49.206	Res - Cooking: Induction - Sp and Heat Reg - 26H	NEI	0.01
1.50.206	Res - Cooking: Induction - Sp and Heat Reg - 27H	NEI	0.01
1.51.206	Res - Cooking: Induction - Sp and Heat Reg - 28H	NEI	0.01
1.52.206	Res - Cooking: Induction - Sp and Heat Reg - 29H	NEI	0.01
1.53.206	Res - Cooking: Induction - Sp and Heat Reg - 30H	NEI	0.01
1.54.206	Res - Cooking: Induction - Sp and Heat Reg - 31H	NEI	0.01
1.55.206	Res - Cooking: Induction - Sp and Heat Reg - 32H	NEI	0.01
1.56.206	Res - Cooking: Induction - Sp and Heat Reg - 33H	NEI	0.01
1.57.206	Res - Cooking: Induction - Sp and Heat Reg - 34H	NEI	0.01
1.58.206	Res - Cooking: Induction - Sp and Heat Reg - 35H	NEI	0.01
1.59.206	Res - Cooking: Induction - Sp and Heat Reg - 36H	NEI	0.01
1.60.206	Res - Cooking: Induction - Sp and Heat Reg - 37H	NEI	0.01
1.61.206	Res - Cooking: Induction - Sp and Heat Reg - 38H	NEI	0.01
1.62.206	Res - Cooking: Induction - Sp and Heat Reg - 39H	NEI	0.01
1.63.206	Res - Cooking: Induction - Sp and Heat Reg - 40H	NEI	0.01
1.64.206	Res - Cooking: Induction - Sp and Heat Reg - 41H	NEI	0.01
1.65.206	Res - Cooking: Induction - Sp and Heat Reg - 42H	NEI	0.01
1.66.206	Res - Cooking: Induction - Sp and Heat Reg - 43H	NEI	0.01
1.67.206	Res - Cooking: Induction - Sp and Heat Reg - 44H	NEI	0.01
1.68.206	Res - Cooking: Induction - Sp and Heat Reg - 45H	NEI	0.01
1.69.206	Res - Cooking: Induction - Sp and Heat Reg - 46H	NEI	0.01
1.70.206	Res - Cooking: Induction - Sp and Heat Reg - 47H	NEI	0.01
1.71.206	Res - Cooking: Induction - Sp and Heat Reg - 48H	NEI	0.01
1.72.206	Res - Cooking: Induction - Sp and Heat Reg - 49H	NEI	0.01
1.73.206	Res - Cooking: Induction - Sp and Heat Reg - 50H	NEI	0.01
1.74.206	Res - Cooking: Induction - Sp and Heat Reg - 51H	NEI	0.01
1.75.206	Res - Cooking: Induction - Sp and Heat Reg - 52H	NEI	0.01
1.76.206	Res - Cooking: Induction - Sp and Heat Reg - 53H	NEI	0.01
1.77.206	Res - Cooking: Induction - Sp and Heat Reg - 54H	NEI	0.01
1.78.206	Res - Cooking: Induction - Sp and Heat Reg - 55H	NEI	0.01
1.79.206	Res - Cooking: Induction - Sp and Heat Reg - 56H	NEI	0.01
1.80.206	Res - Cooking: Induction - Sp and Heat Reg - 57H	NEI	0.01
1.81.206	Res - Cooking: Induction - Sp and Heat Reg - 58H	NEI	0.01
1.82.206	Res - Cooking: Induction - Sp and Heat Reg - 59H	NEI	0.01
1.83.206	Res - Cooking: Induction - Sp and Heat Reg - 60H	NEI	0.01
1.84.206	Res - Cooking: Induction - Sp and Heat Reg - 61H	NEI	0.01
1.85.206	Res - Cooking: Induction - Sp and Heat Reg - 62H	NEI	0.01
1.86.206	Res - Cooking: Induction - Sp and Heat Reg - 63H	NEI	0.01
1.87.206	Res - Cooking: Induction - Sp and Heat Reg - 64H	NEI	0.01
1.88.206	Res - Cooking: Induction - Sp and Heat Reg - 65H	NEI	0.01
1.89.206	Res - Cooking: Induction - Sp and Heat Reg - 66H	NEI	0.01
1.90.206	Res - Cooking: Induction - Sp and Heat Reg - 67H	NEI	0.01
1.91.206	Res - Cooking: Induction - Sp and Heat Reg - 68H	NEI	0.01
1.92.206	Res - Cooking: Induction - Sp and Heat Reg - 69H	NEI	0.01
1.93.206	Res - Cooking: Induction - Sp and Heat Reg - 70H	NEI	0.01
1.94.206	Res - Cooking: Induction - Sp and Heat Reg - 71H	NEI	0.01
1.95.206	Res - Cooking: Induction - Sp and Heat Reg - 72H	NEI	0.01
1.96.206	Res - Cooking: Induction - Sp and Heat Reg - 73H	NEI	0.01
1.97.206	Res - Cooking: Induction - Sp and Heat Reg - 74H	NEI	0.01
1.98.206	Res - Cooking: Induction - Sp and Heat Reg - 75H	NEI	0.01
1.99.206	Res - Cooking: Induction - Sp and Heat Reg - 76H	NEI	0.01
1.100.206	Res - Cooking: Induction - Sp and Heat Reg - 77H	NEI	0.01
1.101.206	Res - Cooking: Induction - Sp and Heat Reg - 78H	NEI	0.01
1.102.206	Res - Cooking: Induction - Sp and Heat Reg -

Electric Demand Achievable Potential UTC Supply Curve in 2030

Rank	Measure	UCT Ratio	Cumulative Potential (MW)
1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	65,535.00	2
4	Res - Evaporative Cooling - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	4
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	4
6	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	4
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	4
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	65,535.00	4
9	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	5
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_M	65,535.00	5
11	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | S	65,535.00	6
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_M	65,535.00	6
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_M	65,535.00	6
14	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	65,535.00	7
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	65,535.00	7
16	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family | Xcel | SPS	65,535.00	11
17	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family | Xcel | SPS	65,535.00	11
18	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family | Xcel | SPS	65,535.00	12
19	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	16
20	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	16
21	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	65,535.00	19
22	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SF	65,535.00	19
23	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family Low Income | Xcel | SP	65,535.00	19
24	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	65,535.00	22
25	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SP	65,535.00	22
26	Ind - No Air Loss Drain | RET | I_Agriculture | Xcel | SPS	47.75	22
27	Com - Pre-rinse Spray Valves | RET | C_Health | Xcel | SPS	46.88	22
28	Com - Pre-rinse Spray Valves | RET | C_Other | Xcel | SPS	46.88	22
29	Com - Pre-rinse Spray Valves | RET | C_College | Xcel | SPS	35.19	22
30	Com - Pre-rinse Spray Valves | RET | C_Grocery | Xcel | SPS	35.13	22
31	Com - Pre-rinse Spray Valves | RET | C_Lodging | Xcel | SPS	35.13	22
32	Com - Low-flow Faucet Aerator | NEW | C_Other | Xcel | SPS	17.80	22
33	Com - Low-flow Faucet Aerator | RET | C_Other | Xcel | SPS	17.80	22
34	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	13.16	22
35	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	13.16	22
36	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	13.16	22
37	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	13.16	22
38	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	13.16	22
39	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	12.21	22
40	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	12.21	22
41	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	12.21	22
42	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	12.21	22
43	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	12.21	22
44	Com - Pre-rinse Spray Valves | RET | C_School | Xcel | SPS	11.56	22
45	Ind - VFDs on Industrial Fans and Pumps | RET | I_Agriculture | Xcel | SPS	10.81	23
46	Com - Packaged Terminal Heat Pumps | NEW | C_Retail | Xcel | SPS	10.51	23
47	Com - Packaged Terminal Heat Pumps | ROB | C_Retail | Xcel | SPS	10.51	23
48	Com - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Xcel | SPS	10.31	23
49	Com - Packaged Terminal Heat Pumps | ROB | C_Restaurant | Xcel | SPS	10.31	23
50	Com - Packaged Terminal Heat Pumps | NEW | C_Lodging | Xcel | SPS	10.28	23
51	Com - Packaged Terminal Heat Pumps | ROB | C_Lodging | Xcel | SPS	10.28	23
52	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	10.26	23
53	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	10.26	23
54	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	10.26	23
55	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	10.26	23
56	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	10.26	23
57	Com - Pre-rinse Spray Valves | RET | C_Restaurant | Xcel | SPS	10.24	23
58	Com - Low-flow Faucet Aerator | NEW | C_College | Xcel | SPS	9.54	23
59	Com - Low-flow Faucet Aerator | RET | C_College | Xcel | SPS	9.54	23
60	Com - Low-flow Faucet Aerator | RET | C_Office | Xcel | SPS	9.54	23
61	Com - Low-flow Faucet Aerator | NEW | C_School | Xcel | SPS	9.54	23
62	Com - Low-flow Faucet Aerator | RET | C_School | Xcel | SPS	9.54	23
63	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	9.25	23
64	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	9.25	23
65	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	9.25	23
66	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	9.25	23
67	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	9.25	23
68	Com - Packaged Terminal Heat Pumps | NEW | C_Office | Xcel | SPS	8.73	24
69	Com - Packaged Terminal Heat Pumps | ROB | C_Office | Xcel | SPS	8.73	25
70	Com - ENERGY STAR Commercial Dishwasher | NEW | C_College | Xcel | SPS	8.72	25
71	Com - ENERGY STAR Commercial Dishwasher | ROB | C_College | Xcel | SPS	8.72	25
72	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Grocery | Xcel | SPS	8.72	25
73	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Grocery | Xcel | SPS	8.72	25
74	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Health | Xcel | SPS	8.72	25
75	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Health | Xcel | SPS	8.72	25
76	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Lodging | Xcel | SPS	8.72	25
77	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Lodging | Xcel | SPS	8.72	25
78	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Restaurant | Xcel | SPS	8.72	25
79	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Restaurant | Xcel | SPS	8.72	25
80	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Manufactured | Xcel |	8.67	26
81	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | Sl	8.67	26

Benefit-Cost Ratios of 65,535.00 are equivalent to infinity, which occurs when costs are zero.



Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
82	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family Low Inco	8.67	26	1
83	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family | Xcel |	8.67	26	1
84	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family Low Inc	8.67	26	1
85	Com - Packaged Terminal Heat Pumps | NEW | C_College | Xcel | SPS	8.42	27	1
86	Com - Packaged Terminal Heat Pumps | ROB | C_College | Xcel | SPS	8.42	27	1
87	Com - Packaged Terminal Heat Pumps | NEW | C_Health | Xcel | SPS	8.30	27	1
88	Com - Packaged Terminal Heat Pumps | ROB | C_Health | Xcel | SPS	8.30	27	1
89	Com - Packaged Terminal Air Conditioners | NEW | C_Lodging | Xcel | SPS	8.27	27	1
90	Com - Packaged Terminal Air Conditioners | ROB | C_Lodging | Xcel | SPS	8.27	27	1
91	Com - Packaged Terminal Air Conditioners | NEW | C_Retail | Xcel | SPS	8.25	27	1
92	Com - Packaged Terminal Air Conditioners | ROB | C_Retail | Xcel | SPS	8.25	27	1
93	Com - Exterior LED Lamp | NEW | C_Lodging | Xcel | SPS	7.92	27	1
94	Com - Exterior LED Lamp | ROB | C_Lodging | Xcel | SPS	7.92	27	1
95	Com - Packaged Terminal Air Conditioners | NEW | C_Restaurant | Xcel | SPS	7.77	27	1
96	Com - Packaged Terminal Air Conditioners | ROB | C_Restaurant | Xcel | SPS	7.77	27	1
97	Com - Packaged Terminal Heat Pumps | NEW | C_Warehouse | Xcel | SPS	7.60	27	1
98	Com - Packaged Terminal Heat Pumps | ROB | C_Warehouse | Xcel | SPS	7.60	27	1
99	Com - Exterior LED Lamp | NEW | C_Health | Xcel | SPS	7.39	27	1
100	Com - Exterior LED Lamp | ROB | C_Health | Xcel | SPS	7.39	27	1
101	Com - Packaged Terminal Air Conditioners | NEW | C_College | Xcel | SPS	7.30	27	1
102	Com - Packaged Terminal Air Conditioners | ROB | C_College | Xcel | SPS	7.30	27	1
103	Com - Packaged Terminal Air Conditioners | NEW | C_Office | Xcel | SPS	7.28	27	1
104	Com - Packaged Terminal Air Conditioners | ROB | C_Office | Xcel | SPS	7.28	27	1
105	Com - Packaged Terminal Heat Pumps | NEW | C_Grocery | Xcel | SPS	7.24	27	1
106	Com - Packaged Terminal Heat Pumps | ROB | C_Grocery | Xcel | SPS	7.24	27	1
107	Com - Packaged Terminal Air Conditioners | NEW | C_Health | Xcel | SPS	7.20	27	1
108	Com - Packaged Terminal Air Conditioners | ROB | C_Health | Xcel | SPS	7.20	27	1
109	Com - Exterior LED Lamp | NEW | C_School | Xcel | SPS	7.16	27	1
110	Com - Exterior LED Lamp | ROB | C_School | Xcel | SPS	7.16	27	1
111	Com - Exterior LED Lamp | NEW | C_Restaurant | Xcel | SPS	7.09	27	1
112	Com - Exterior LED Lamp | ROB | C_Restaurant | Xcel | SPS	7.09	27	1
113	Com - Exterior LED Lamp | NEW | C_Retail | Xcel | SPS	7.03	27	1
114	Com - Exterior LED Lamp | ROB | C_Retail | Xcel | SPS	7.03	27	1
115	Com - Exterior LED Lamp | NEW | C_Office | Xcel | SPS	6.97	27	1
116	Com - Exterior LED Lamp | ROB | C_Office | Xcel | SPS	6.97	28	1
117	Com - Exterior LED Lamp | NEW | C_College | Xcel | SPS	6.80	28	1
118	Com - Exterior LED Lamp | ROB | C_College | Xcel | SPS	6.80	28	1
119	Com - Exterior LED Lamp | NEW | C_Other | Xcel | SPS	6.73	28	1
120	Com - Exterior LED Lamp | ROB | C_Other | Xcel | SPS	6.73	28	1
121	Com - Packaged Terminal Air Conditioners | NEW | C_Warehouse | Xcel | SPS	6.59	28	1
122	Com - Packaged Terminal Air Conditioners | ROB | C_Warehouse | Xcel | SPS	6.59	28	1
123	Com - Packaged Terminal Heat Pumps | NEW | C_School | Xcel | SPS	6.38	28	1
124	Com - Packaged Terminal Heat Pumps | ROB | C_School | Xcel | SPS	6.38	28	1
125	Com - Packaged Terminal Air Conditioners | NEW | C_Grocery | Xcel | SPS	6.28	28	1
126	Com - Packaged Terminal Air Conditioners | ROB | C_Grocery | Xcel | SPS	6.28	28	1
127	Com - Packaged Terminal Heat Pumps | NEW | C_Other | Xcel | SPS	6.27	28	1
128	Com - Packaged Terminal Heat Pumps | ROB | C_Other | Xcel | SPS	6.27	28	1
129	Com - Exterior LED Lamp | NEW | C_Grocery | Xcel | SPS	6.22	28	1
130	Com - Exterior LED Lamp | ROB | C_Grocery | Xcel | SPS	6.22	28	1
131	Com - Exterior LED Lamp | NEW | C_Warehouse | Xcel | SPS	5.80	28	1
132	Com - Exterior LED Lamp | ROB | C_Warehouse | Xcel | SPS	5.80	28	1
133	Com - Packaged Terminal Air Conditioners | NEW | C_Other | Xcel | SPS	5.14	28	1
134	Com - Packaged Terminal Air Conditioners | ROB | C_Other | Xcel | SPS	5.14	28	1
135	Com - Low-flow Faucet Aerator | NEW | C_Health | Xcel | SPS	5.09	29	1
136	Com - Low-flow Faucet Aerator | RET | C_Health | Xcel | SPS	5.09	31	1
137	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	4.87	32	1
138	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	4.87	32	1
139	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family Low Income | Xce	4.87	32	1
140	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family | Xcel | SPS	4.87	36	1
141	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family Low Income | Xc	4.87	37	1
142	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_College | Xcel | SPS	4.76	37	1
143	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	4.76	37	1
144	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	4.76	37	1
145	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Lodging | Xcel | SPS	4.76	37	1
146	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Office | Xcel | SPS	4.76	38	1
147	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	4.76	38	1
148	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Restaurant | Xcel | SPS	4.76	38	1
149	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	4.76	38	1
150	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_School | Xcel | SPS	4.76	38	1
151	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Warehouse | Xcel | SPS	4.76	38	1
152	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	4.70	39	1
153	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	4.70	39	1
154	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	4.70	39	1
155	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	4.70	41	1
156	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	4.70	42	1
157	Com - Packaged Terminal Air Conditioners | NEW | C_School | Xcel | SPS	4.67	42	1
158	Com - Packaged Terminal Air Conditioners | ROB | C_School | Xcel | SPS	4.67	42	1
159	Com - Custom motors | NEW | C_College | Xcel | SPS	4.66	42	1
160	Com - Custom motors | RET | C_College | Xcel | SPS	4.66	42	1
161	Com - Custom motors | NEW | C_Grocery | Xcel | SPS	4.66	42	1
162	Com - Custom motors | RET | C_Grocery | Xcel | SPS	4.66	42	1
163	Com - Custom motors | NEW | C_Health | Xcel | SPS	4.66	42	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
164	Com - Custom motors | RET | C_Health | Xcel | SPS	4.66	42	1
165	Com - Custom motors | NEW | C_Lodging | Xcel | SPS	4.66	42	1
166	Com - Custom motors | RET | C_Lodging | Xcel | SPS	4.66	42	1
167	Com - Custom motors | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	4.66	42	1
168	Com - Custom motors | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	4.66	42	1
169	Com - Custom motors | NEW | C_Office | Xcel | SPS	4.66	42	1
170	Com - Custom motors | RET | C_Office | Xcel | SPS	4.66	42	1
171	Com - Custom motors | NEW | C_Other | Xcel | SPS	4.66	42	1
172	Com - Custom motors | RET | C_Other | Xcel | SPS	4.66	42	1
173	Com - Custom motors | NEW | C_Restaurant | Xcel | SPS	4.66	42	1
174	Com - Custom motors | RET | C_Restaurant | Xcel | SPS	4.66	42	1
175	Com - Custom motors | NEW | C_Retail | Xcel | SPS	4.66	42	1
176	Com - Custom motors | RET | C_Retail | Xcel | SPS	4.66	42	1
177	Com - Custom motors | NEW | C_School | Xcel | SPS	4.66	42	1
178	Com - Custom motors | RET | C_School | Xcel | SPS	4.66	42	1
179	Com - Custom motors | NEW | C_Warehouse | Xcel | SPS	4.66	42	1
180	Com - Custom motors | RET | C_Warehouse | Xcel | SPS	4.66	43	1
181	Com - Room Air Conditioners | NEW | C_Retail | Xcel | SPS	4.51	43	1
182	Com - Room Air Conditioners | ROB | C_Retail | Xcel | SPS	4.51	43	1
183	Com - Room Air Conditioners | NEW | C_Lodging | Xcel | SPS	4.44	43	1
184	Com - Room Air Conditioners | ROB | C_Lodging | Xcel | SPS	4.44	43	1
185	Com - Room Air Conditioners | NEW | C_Restaurant | Xcel | SPS	4.26	43	1
186	Com - Room Air Conditioners | ROB | C_Restaurant | Xcel | SPS	4.26	43	1
187	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	4.10	43	1
188	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	4.10	44	1
189	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	4.10	44	1
190	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	4.10	44	1
191	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	4.10	44	1
192	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	4.10	44	1
193	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	4.10	44	1
194	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	4.10	46	1
195	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	4.10	46	1
196	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	4.10	47	1
197	Com - Anti-Sweat Heater Controls | RET | C_College | Xcel | SPS	4.08	47	1
198	Com - Anti-Sweat Heater Controls | RET | C_Grocery | Xcel | SPS	4.08	47	1
199	Com - Anti-Sweat Heater Controls | RET | C_Health | Xcel | SPS	4.08	47	1
200	Com - Anti-Sweat Heater Controls | RET | C_Lodging | Xcel | SPS	4.08	47	1
201	Com - Anti-Sweat Heater Controls | RET | C_Office | Xcel | SPS	4.08	47	1
202	Com - Anti-Sweat Heater Controls | RET | C_Other | Xcel | SPS	4.08	47	1
203	Com - Anti-Sweat Heater Controls | RET | C_Restaurant | Xcel | SPS	4.08	47	1
204	Com - Anti-Sweat Heater Controls | RET | C_Retail | Xcel | SPS	4.08	47	1
205	Com - Anti-Sweat Heater Controls | RET | C_School | Xcel | SPS	4.08	47	1
206	Com - Anti-Sweat Heater Controls | RET | C_Warehouse | Xcel | SPS	4.08	47	1
207	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	4.03	47	1
208	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	4.03	47	1
209	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	4.03	47	1
210	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	4.03	47	1
211	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	4.03	47	1
212	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Lodging | Xcel | SPS	4.01	47	1
213	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Lodging | Xcel | SPS	4.01	47	1
214	Com - Room Air Conditioners | NEW | C_College | Xcel | SPS	3.99	47	1
215	Com - Room Air Conditioners | ROB | C_College | Xcel | SPS	3.99	47	1
216	Com - Room Air Conditioners | NEW | C_Office | Xcel | SPS	3.99	48	1
217	Com - Room Air Conditioners | ROB | C_Office | Xcel | SPS	3.99	49	1
218	Com - Room Air Conditioners | NEW | C_Health | Xcel | SPS	3.94	49	1
219	Com - Room Air Conditioners | ROB | C_Health | Xcel | SPS	3.94	49	1
220	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.79	49	1
221	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	3.79	50	1
222	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.79	50	1
223	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	3.79	50	1
224	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.79	50	1
225	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	3.79	50	1
226	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.79	50	1
227	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	3.79	52	1
228	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.79	52	1
229	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	3.79	53	1
230	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Other | Xcel | SPS	3.72	53	1
231	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Other | Xcel | SPS	3.72	53	1
232	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.72	53	1
233	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.72	53	1
234	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.72	53	1
235	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.72	53	1
236	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.72	53	1
237	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	3.70	53	1
238	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	3.70	53	1
239	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	3.70	53	1
240	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	3.70	53	1
241	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	3.70	53	1
242	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Restaurant | Xcel | SPS	3.64	53	1
243	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Restaurant | Xcel | SPS	3.64	53	1
244	Com - Custom cooling | NEW | C_College | Xcel | SPS	3.52	53	1
245	Com - Custom cooling | RET | C_College | Xcel | SPS	3.52	53	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
246	Com - Custom cooling | NEW | C_Grocery | Xcel | SPS	3.52	53	1
247	Com - Custom cooling | RET | C_Grocery | Xcel | SPS	3.52	53	1
248	Com - Custom cooling | NEW | C_Health | Xcel | SPS	3.52	53	1
249	Com - Custom cooling | RET | C_Health | Xcel | SPS	3.52	53	1
250	Com - Custom cooling | NEW | C_Lodging | Xcel | SPS	3.52	53	1
251	Com - Custom cooling | RET | C_Lodging | Xcel | SPS	3.52	53	1
252	Com - Custom cooling | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.52	53	1
253	Com - Custom cooling | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.52	53	1
254	Com - Custom cooling | NEW | C_Office | Xcel | SPS	3.52	53	1
255	Com - Custom cooling | RET | C_Office | Xcel | SPS	3.52	54	1
256	Com - Custom cooling | NEW | C_Other | Xcel | SPS	3.52	54	1
257	Com - Custom cooling | RET | C_Other | Xcel | SPS	3.52	54	1
258	Com - Custom cooling | NEW | C_Restaurant | Xcel | SPS	3.52	54	1
259	Com - Custom cooling | RET | C_Restaurant | Xcel | SPS	3.52	54	1
260	Com - Custom cooling | NEW | C_Retail | Xcel | SPS	3.52	54	1
261	Com - Custom cooling | RET | C_Retail | Xcel | SPS	3.52	54	1
262	Com - Custom cooling | NEW | C_School | Xcel | SPS	3.52	54	1
263	Com - Custom cooling | RET | C_School | Xcel | SPS	3.52	54	1
264	Com - Custom cooling | NEW | C_Warehouse | Xcel | SPS	3.52	54	1
265	Com - Custom cooling | RET | C_Warehouse | Xcel | SPS	3.52	54	1
266	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_School | Xcel | SPS	3.51	54	1
267	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_School | Xcel | SPS	3.51	54	1
268	Com - Room Air Conditioners | NEW | C_Warehouse | Xcel | SPS	3.49	54	1
269	Com - Room Air Conditioners | ROB | C_Warehouse | Xcel | SPS	3.49	54	1
270	Com - Room Air Conditioners | NEW | C_Grocery | Xcel | SPS	3.47	54	1
271	Com - Room Air Conditioners | ROB | C_Grocery | Xcel | SPS	3.47	54	1
272	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_College | Xcel | SPS	3.39	54	1
273	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_College | Xcel | SPS	3.39	54	1
274	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Office | Xcel | SPS	3.36	55	1
275	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Office | Xcel | SPS	3.36	56	1
276	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Health | Xcel | SPS	3.23	56	1
277	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Health | Xcel | SPS	3.23	57	1
278	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Retail | Xcel | SPS	3.23	57	1
279	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Retail | Xcel | SPS	3.23	57	1
280	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Health | Xcel | SPS	3.22	57	1
281	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Health | Xcel | SPS	3.22	57	1
282	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Retail | Xcel | SPS	3.15	57	1
283	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Retail | Xcel | SPS	3.15	57	1
284	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Restaurant | Xcel | SPS	3.06	57	1
285	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Restaurant | Xcel | SPS	3.06	57	1
286	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	3.05	57	1
287	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	3.05	57	1
288	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	3.05	57	1
289	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	3.05	57	1
290	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	3.05	57	1
291	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	3.00	57	1
292	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	3.00	57	1
293	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	3.00	57	1
294	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	3.00	57	1
295	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	3.00	57	1
296	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Warehouse | Xcel | SPS	2.95	57	1
297	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Warehouse | Xcel | SPS	2.95	57	1
298	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	2.93	57	1
299	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family | Xcel | SPS	2.93	57	1
300	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	2.93	57	1
301	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	2.93	57	1
302	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Health | Xcel | SPS	2.89	57	1
303	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Health | Xcel | SPS	2.89	57	1
304	Ind - Dew Point Controls | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.81	58	1
305	Ind - Dew Point Controls | RET | I_Agriculture | Xcel | SPS	2.81	58	1
306	Ind - Dew Point Controls | RET | I_Manufacturing | Xcel | SPS	2.81	58	1
307	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	2.74	58	1
308	Res - Low-flow Showerheads - 100% Applicable | RET | R_Manufactured | Xcel | SPS	2.74	58	1
309	Com - Room Air Conditioners | NEW | C_Other | Xcel | SPS	2.73	58	1
310	Com - Room Air Conditioners | ROB | C_Other | Xcel | SPS	2.73	58	1
311	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Grocery | Xcel | SPS	2.72	58	1
312	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Grocery | Xcel | SPS	2.72	58	1
313	Ind - VFDs on Industrial Fans and Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.70	60	1
314	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Grocery | Xcel | SPS	2.68	60	1
315	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Grocery | Xcel | SPS	2.68	60	1
316	Com - Room Air Conditioners | NEW | C_School | Xcel | SPS	2.64	60	1
317	Com - Room Air Conditioners | ROB | C_School | Xcel | SPS	2.64	60	1
318	Com - Packaged Terminal Heat Pumps | RET | C_Retail | Xcel | SPS	2.63	60	1
319	Com - Exterior LED fixture | NEW | C_Lodging | Xcel | SPS	2.61	60	1
320	Com - Exterior LED fixture | ROB | C_Lodging | Xcel | SPS	2.61	60	1
321	Com - Packaged Terminal Heat Pumps | RET | C_Restaurant | Xcel | SPS	2.58	60	1
322	Com - Packaged Terminal Heat Pumps | RET | C_Lodging | Xcel | SPS	2.57	60	1
323	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family | Xcel | SPS	2.54	60	1
324	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family | Xcel | SPS	2.54	60	1
325	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	2.54	60	1
326	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	2.54	60	1
327	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Warehouse | Xcel | SPS	2.51	61	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
328	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Warehouse | Xcel | SPS	2.51	61	1
329	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Office | Xcel | SPS	2.50	62	1
330	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Office | Xcel | SPS	2.50	62	1
331	Ind - VFDs on Industrial Fans and Pumps | RET | I_Manufacturing | Xcel | SPS	2.46	62	1
332	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Other | Xcel | SPS	2.45	62	1
333	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Other | Xcel | SPS	2.45	62	1
334	Com - Exterior LED fixture | NEW | C_Health | Xcel | SPS	2.43	62	1
335	Com - Exterior LED fixture | ROB | C_Health | Xcel | SPS	2.43	62	1
336	Com - Exterior LED fixture | NEW | C_School | Xcel | SPS	2.35	62	1
337	Com - Exterior LED fixture | ROB | C_School | Xcel | SPS	2.35	62	1
338	Com - Exterior LED fixture | NEW | C_Restaurant | Xcel | SPS	2.33	62	1
339	Com - Exterior LED fixture | ROB | C_Restaurant | Xcel | SPS	2.33	62	1
340	Com - Exterior LED fixture | NEW | C_Retail | Xcel | SPS	2.31	63	1
341	Com - Exterior LED fixture | ROB | C_Retail | Xcel | SPS	2.31	63	1
342	Com - Custom Lighting | NEW | C_College | Xcel | SPS	2.29	63	1
343	Com - Custom Lighting | NEW | C_Grocery | Xcel | SPS	2.29	63	1
344	Com - Custom Lighting | NEW | C_Health | Xcel | SPS	2.29	63	1
345	Com - Custom Lighting | NEW | C_Lodging | Xcel | SPS	2.29	63	1
346	Com - Custom Lighting | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.29	63	1
347	Com - Custom Lighting | NEW | C_Office | Xcel | SPS	2.29	63	1
348	Com - Custom Lighting | NEW | C_Other | Xcel | SPS	2.29	63	1
349	Com - Custom Lighting | NEW | C_Restaurant | Xcel | SPS	2.29	63	1
350	Com - Custom Lighting | NEW | C_Retail | Xcel | SPS	2.29	64	1
351	Com - Custom Lighting | NEW | C_School | Xcel | SPS	2.29	64	1
352	Com - Custom Lighting | NEW | C_Warehouse | Xcel | SPS	2.29	64	1
353	Com - Exterior LED fixture | NEW | C_Office | Xcel | SPS	2.29	65	1
354	Com - Exterior LED fixture | ROB | C_Office | Xcel | SPS	2.29	65	1
355	Ind - LED Lighting for Industrial Applications | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.24	65	1
356	Ind - LED Lighting for Industrial Applications | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.24	66	1
357	Ind - LED Lighting for Industrial Applications | NEW | I_Agriculture | Xcel | SPS	2.24	66	1
358	Ind - LED Lighting for Industrial Applications | ROB | I_Agriculture | Xcel | SPS	2.24	66	1
359	Ind - LED Lighting for Industrial Applications | NEW | I_Manufacturing | Xcel | SPS	2.24	66	1
360	Ind - LED Lighting for Industrial Applications | ROB | I_Manufacturing | Xcel | SPS	2.24	66	1
361	Com - Exterior LED fixture | NEW | C_College | Xcel | SPS	2.24	66	1
362	Com - Exterior LED fixture | ROB | C_College | Xcel | SPS	2.24	66	1
363	Com - Low-flow Faucet Aerator | NEW | C_Lodging | Xcel | SPS	2.23	66	1
364	Com - Low-flow Faucet Aerator | RET | C_Lodging | Xcel | SPS	2.23	66	1
365	Com - Low-flow Faucet Aerator | NEW | C_Restaurant | Xcel | SPS	2.23	66	1
366	Com - Low-flow Faucet Aerator | RET | C_Restaurant | Xcel | SPS	2.23	66	1
367	Com - Exterior LED fixture | NEW | C_Other | Xcel | SPS	2.21	66	1
368	Com - Exterior LED fixture | ROB | C_Other | Xcel | SPS	2.21	66	1
369	Com - Packaged Terminal Heat Pumps | RET | C_Office | Xcel | SPS	2.18	68	1
370	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	2.16	68	1
371	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	2.16	68	1
372	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.16	68	1
373	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	2.16	68	1
374	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.16	68	1
375	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_College | Xcel | SPS	2.12	68	1
376	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_College | Xcel | SPS	2.12	68	1
377	Com - Packaged Terminal Heat Pumps | RET | C_College | Xcel | SPS	2.10	68	1
378	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_School | Xcel | SPS	2.09	68	1
379	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_School | Xcel | SPS	2.09	68	1
380	Com - Packaged Terminal Heat Pumps | RET | C_Health | Xcel | SPS	2.07	68	1
381	Com - Packaged Terminal Air Conditioners | RET | C_Lodging | Xcel | SPS	2.07	68	1
382	Com - Packaged Terminal Air Conditioners | RET | C_Retail | Xcel | SPS	2.06	68	1
383	Com - Exterior LED fixture | NEW | C_Grocery | Xcel | SPS	2.05	68	1
384	Com - Exterior LED fixture | ROB | C_Grocery | Xcel | SPS	2.05	68	1
385	Ind - No Air Loss Drain | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.03	69	1
386	Ind - No Air Loss Drain | RET | I_Manufacturing | Xcel | SPS	2.03	69	1
387	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_College | Xcel | SPS	2.02	69	1
388	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_College | Xcel | SPS	2.02	69	1
389	Com - Direct Evaporative Pre-Cooling | NEW | C_Lodging | Xcel | SPS	2.00	69	1
390	Com - Direct Evaporative Pre-Cooling | ROB | C_Lodging | Xcel | SPS	2.00	69	1
391	Com - Packaged Terminal Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.94	69	1
392	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Manul	1.93	69	1
393	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Manuf	1.93	69	1
394	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi I	1.93	69	1
395	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi F	1.93	69	1
396	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi I	1.93	69	1
397	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi F	1.93	69	1
398	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	1.93	69	1
399	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	1.93	69	1
400	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	1.93	69	1
401	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	1.93	69	1
402	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Office | Xcel | SPS	1.92	70	1
403	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Office | Xcel | SPS	1.92	71	1
404	Com - Exterior LED fixture | NEW | C_Warehouse | Xcel | SPS	1.91	71	1
405	Com - Exterior LED fixture | ROB | C_Warehouse | Xcel | SPS	1.91	72	1
406	Com - Packaged Terminal Heat Pumps | RET | C_Warehouse | Xcel | SPS	1.90	72	1
407	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Lodging | Xcel | SPS	1.89	72	1
408	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Lodging | Xcel | SPS	1.89	72	1
409	Com - Direct Evaporative Pre-Cooling | NEW | C_Health | Xcel | SPS	1.86	72	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
410	Com - Direct Evaporative Pre-Cooling | ROB | C_Health | Xcel | SPS	1.86	72	1
411	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Grocery | Xcel | SPS	1.86	72	1
412	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Grocery | Xcel | SPS	1.86	72	1
413	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Lodging | Xcel | SPS	1.86	72	1
414	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Lodging | Xcel | SPS	1.86	72	1
415	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Lodging | Xcel | SPS	1.84	72	1
416	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Lodging | Xcel | SPS	1.84	72	1
417	Com - Water Source Heat Pump | NEW | C_Lodging | Xcel | SPS	1.83	72	1
418	Com - Water Source Heat Pump | ROB | C_Lodging | Xcel | SPS	1.83	72	1
419	Com - Packaged Terminal Air Conditioners | RET | C_College | Xcel | SPS	1.83	72	1
420	Com - Water Source Heat Pump | NEW | C_Retail | Xcel | SPS	1.83	72	1
421	Com - Water Source Heat Pump | ROB | C_Retail | Xcel | SPS	1.83	72	1
422	Com - Packaged Terminal Air Conditioners | RET | C_Office | Xcel | SPS	1.82	72	1
423	Com - Packaged Terminal Heat Pumps | RET | C_Grocery | Xcel | SPS	1.81	72	1
424	Com - Packaged Terminal Air Conditioners | RET | C_Health | Xcel | SPS	1.80	72	1
425	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.80	72	1
426	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.80	72	1
427	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.80	72	1
428	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.80	72	1
429	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.80	72	1
430	Com - LED Refrigerated Case Lighting | NEW | C_Lodging | Xcel | SPS	1.75	72	1
431	Com - LED Refrigerated Case Lighting | RET | C_Lodging | Xcel | SPS	1.75	72	1
432	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_School | Xcel | SPS	1.73	72	1
433	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_School | Xcel | SPS	1.73	72	1
434	Com - Direct Evaporative Pre-Cooling | NEW | C_Office | Xcel | SPS	1.73	73	1
435	Com - Direct Evaporative Pre-Cooling | ROB | C_Office | Xcel | SPS	1.73	75	1
436	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Other | Xcel | SPS	1.72	75	1
437	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Other | Xcel | SPS	1.72	75	1
438	Com - Water Source Heat Pump | NEW | C_Restaurant | Xcel | SPS	1.72	75	1
439	Com - Water Source Heat Pump | ROB | C_Restaurant | Xcel | SPS	1.72	75	1
440	Com - Direct Evaporative Pre-Cooling | NEW | C_Restaurant | Xcel | SPS	1.72	75	1
441	Com - Direct Evaporative Pre-Cooling | ROB | C_Restaurant | Xcel | SPS	1.72	75	1
442	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Manufa	1.69	75	1
443	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi F	1.69	75	1
444	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi F	1.69	75	1
445	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single	1.69	76	1
446	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single	1.69	76	1
447	Com - Packaged Terminal Air Conditioners | RET | C_Warehouse | Xcel | SPS	1.65	76	1
448	Com - Direct Evaporative Pre-Cooling | NEW | C_Grocery | Xcel | SPS	1.65	76	1
449	Com - Direct Evaporative Pre-Cooling | ROB | C_Grocery | Xcel | SPS	1.65	76	1
450	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.65	77	1
451	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.65	77	1
452	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.65	77	1
453	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.65	79	1
454	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.65	80	1
455	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_School | Xcel | SPS	1.63	80	1
456	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_School | Xcel | SPS	1.63	80	1
457	Com - Water Source Heat Pump | NEW | C_College | Xcel | SPS	1.61	80	1
458	Com - Water Source Heat Pump | ROB | C_College | Xcel | SPS	1.61	80	1
459	Com - Direct Evaporative Pre-Cooling | NEW | C_Other | Xcel | SPS	1.61	80	1
460	Com - Direct Evaporative Pre-Cooling | ROB | C_Other | Xcel | SPS	1.61	80	1
461	Com - Water Source Heat Pump | NEW | C_Office | Xcel | SPS	1.61	80	1
462	Com - Water Source Heat Pump | ROB | C_Office | Xcel | SPS	1.61	80	1
463	Com - Guest Room Energy Management | RET | C_Lodging | Xcel | SPS	1.61	80	1
464	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Manuf	1.60	80	1
465	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Manufa	1.60	80	1
466	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	1.60	80	1
467	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi F	1.60	81	1
468	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	1.60	81	1
469	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi F	1.60	81	1
470	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	1.60	81	1
471	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single	1.60	81	1
472	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	1.60	81	1
473	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single	1.60	81	1
474	Com - Direct Evaporative Pre-Cooling | NEW | C_Retail | Xcel | SPS	1.60	81	1
475	Com - Direct Evaporative Pre-Cooling | ROB | C_Retail | Xcel | SPS	1.60	81	1
476	Com - Packaged Terminal Heat Pumps | RET | C_School | Xcel | SPS	1.59	81	1
477	Com - Water Source Heat Pump | NEW | C_Health | Xcel | SPS	1.59	81	1
478	Com - Water Source Heat Pump | ROB | C_Health | Xcel | SPS	1.59	81	1
479	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_College | Xcel | SPS	1.57	81	1
480	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_College | Xcel | SPS	1.57	81	1
481	Com - Packaged Terminal Air Conditioners | RET | C_Grocery | Xcel | SPS	1.57	81	1
482	Com - Packaged Terminal Heat Pumps | RET | C_Other | Xcel | SPS	1.57	81	1
483	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Office | Xcel | SPS	1.56	82	1
484	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Office | Xcel | SPS	1.56	82	1
485	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Health | Xcel | SPS	1.50	82	1
486	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Health | Xcel | SPS	1.50	82	1
487	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Retail | Xcel | SPS	1.50	82	1
488	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Retail | Xcel | SPS	1.50	82	1
489	Com - Interior Network Connected LED Lamps | NEW | C_Office | Xcel | SPS	1.49	82	1
490	Com - Interior Network Connected LED Lamps | ROB | C_Office | Xcel | SPS	1.49	82	1
491	Com - Interior Network Connected LED Lamps | NEW | C_Lodging | Xcel | SPS	1.48	82	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
492	Com - Interior Network Connected LED Lamps | ROB | C_Lodging | Xcel | SPS	1.48	82	1
493	Com - LED Refrigerated Case Lighting | NEW | C_School | Xcel | SPS	1.47	82	1
494	Com - LED Refrigerated Case Lighting | RET | C_School | Xcel | SPS	1.47	82	1
495	Com - Direct Evaporative Pre-Cooling | NEW | C_College | Xcel | SPS	1.47	82	1
496	Com - Direct Evaporative Pre-Cooling | ROB | C_College | Xcel | SPS	1.47	82	1
497	Com - Water Source Heat Pump | NEW | C_Warehouse | Xcel | SPS	1.46	82	1
498	Com - Water Source Heat Pump | ROB | C_Warehouse | Xcel | SPS	1.46	83	1
499	Com - Interior Network Connected LED Lamps | NEW | C_Other | Xcel | SPS	1.45	83	1
500	Com - Interior Network Connected LED Lamps | ROB | C_Other | Xcel | SPS	1.45	83	1
501	Com - Interior Network Connected LED Lamps | NEW | C_School | Xcel | SPS	1.45	83	1
502	Com - Interior Network Connected LED Lamps | ROB | C_School | Xcel | SPS	1.45	83	1
503	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.44	83	1
504	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.44	83	1
505	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.44	83	1
506	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.44	83	1
507	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.44	83	1
508	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.44	83	1
509	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.44	83	1
510	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.44	83	1
511	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.44	83	1
512	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.44	83	1
513	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.43	83	1
514	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.43	83	1
515	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.43	83	1
516	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.43	83	1
517	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.43	83	1
518	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.43	83	1
519	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.43	83	1
520	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.43	83	1
521	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.43	83	1
522	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.43	83	1
523	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.43	83	1
524	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.43	83	1
525	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.43	83	1
526	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.43	83	1
527	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.43	83	1
528	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Restaurant | Xcel | SPS	1.42	83	1
529	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Restaurant | Xcel | SPS	1.42	83	1
530	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Retail | Xcel | SPS	1.41	83	1
531	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Retail | Xcel | SPS	1.41	83	1
532	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.41	83	1
533	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.41	83	1
534	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.41	83	1
535	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.41	83	1
536	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.41	83	1
537	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Manufa	1.41	83	1
538	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	1.41	83	1
539	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	1.41	84	1
540	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single	1.41	84	1
541	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single	1.41	85	1
542	Com - Interior Network Connected LED Fixtures | NEW | C_Lodging | Xcel | SPS	1.41	85	1
543	Com - Interior Network Connected LED Fixtures | ROB | C_Lodging | Xcel | SPS	1.41	85	1
544	Ind - Air Compressor Optimization | RET | I_Manufacturing | Xcel | SPS	1.40	85	1
545	Com - Water Source Heat Pump | NEW | C_Grocery | Xcel | SPS	1.39	85	1
546	Com - Water Source Heat Pump | ROB | C_Grocery | Xcel | SPS	1.39	85	1
547	Com - Interior Network Connected LED Lamps | NEW | C_Retail | Xcel | SPS	1.38	85	1
548	Com - Interior Network Connected LED Lamps | ROB | C_Retail | Xcel | SPS	1.38	85	1
549	Com - LED Refrigerated Case Lighting | NEW | C_College | Xcel | SPS	1.38	85	1
550	Com - LED Refrigerated Case Lighting | RET | C_College | Xcel | SPS	1.38	85	1
551	Com - New Construction - Lighting Power Density | NEW | C_College | Xcel | SPS	1.37	85	1
552	Com - New Construction - Lighting Power Density | NEW | C_Grocery | Xcel | SPS	1.37	85	1
553	Com - New Construction - Lighting Power Density | NEW | C_Health | Xcel | SPS	1.37	85	1
554	Com - New Construction - Lighting Power Density | NEW | C_Lodging | Xcel | SPS	1.37	85	1
555	Com - New Construction - Lighting Power Density | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.37	86	1
556	Com - New Construction - Lighting Power Density | NEW | C_Office | Xcel | SPS	1.37	87	1
557	Com - New Construction - Lighting Power Density | NEW | C_Other | Xcel | SPS	1.37	87	1
558	Com - New Construction - Lighting Power Density | NEW | C_Restaurant | Xcel | SPS	1.37	87	1
559	Com - New Construction - Lighting Power Density | NEW | C_Retail | Xcel | SPS	1.37	87	1
560	Com - New Construction - Lighting Power Density | NEW | C_School | Xcel | SPS	1.37	87	1
561	Com - New Construction - Lighting Power Density | NEW | C_Warehouse | Xcel | SPS	1.37	88	1
562	Com - Interior Network Connected LED Lamps | NEW | C_College | Xcel | SPS	1.37	88	1
563	Com - Interior Network Connected LED Lamps | ROB | C_College | Xcel | SPS	1.37	88	1
564	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.33	89	1
565	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.33	89	1
566	Com - Interior Network Connected LED Fixtures | NEW | C_Other | Xcel | SPS	1.31	89	1
567	Com - Interior Network Connected LED Fixtures | ROB | C_Other | Xcel | SPS	1.31	89	1
568	Com - Packaged Terminal Air Conditioners | RET | C_Other | Xcel | SPS	1.29	89	1
569	Com - High Efficiency Central Heat Pump System | NEW | C_Retail | Xcel | SPS	1.27	89	1
570	Com - High Efficiency Central Heat Pump System | ROB | C_Retail | Xcel | SPS	1.27	89	1
571	Com - LED Refrigerated Case Lighting | NEW | C_Office | Xcel | SPS	1.26	89	1
572	Com - LED Refrigerated Case Lighting | RET | C_Office | Xcel | SPS	1.26	90	1
573	Com - LED Refrigerated Case Lighting | NEW | C_Other | Xcel | SPS	1.26	90	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
574	Com - LED Refrigerated Case Lighting | RET | C_Other | Xcel | SPS	1.26	90	1
575	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Manuf	1.26	90	1
576	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Manufa	1.26	90	1
577	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	1.26	90	1
578	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi F	1.26	90	1
579	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	1.26	90	1
580	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi F	1.26	90	1
581	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	1.26	90	1
582	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single	1.26	90	1
583	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	1.26	90	1
584	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single	1.26	90	1
585	Com - High Efficiency Central Heat Pump System | NEW | C_Lodging | Xcel | SPS	1.25	90	1
586	Com - High Efficiency Central Heat Pump System | ROB | C_Lodging | Xcel | SPS	1.25	90	1
587	Com - High Efficiency Central Heat Pump System | NEW | C_Restaurant | Xcel | SPS	1.25	90	1
588	Com - High Efficiency Central Heat Pump System | ROB | C_Restaurant | Xcel | SPS	1.25	91	1
589	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Grocery | Xcel | SPS	1.24	91	1
590	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Grocery | Xcel | SPS	1.24	91	1
591	Com - Interior Network Connected LED Fixtures | NEW | C_School | Xcel | SPS	1.23	91	1
592	Com - Interior Network Connected LED Fixtures | ROB | C_School | Xcel | SPS	1.23	91	1
593	Com - Interior Network Connected LED Lamps | NEW | C_Restaurant | Xcel | SPS	1.23	91	1
594	Com - Interior Network Connected LED Lamps | ROB | C_Restaurant | Xcel | SPS	1.23	91	1
595	Com - Ductless Mini-Split Heat Pumps | ROB | C_Restaurant | Xcel | SPS	1.22	91	1
596	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.20	91	1
597	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.20	91	1
598	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.20	91	1
599	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.20	91	1
600	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.20	91	1
601	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.20	91	1
602	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.20	91	1
603	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.20	91	1
604	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.20	91	1
605	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.20	91	1
606	Com - Interior Network Connected LED Fixtures | NEW | C_College | Xcel | SPS	1.19	91	1
607	Com - Interior Network Connected LED Fixtures | ROB | C_College | Xcel | SPS	1.19	91	1
608	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.18	91	1
609	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.18	91	1
610	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.18	91	1
611	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.18	91	1
612	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.18	92	1
613	Com - Interior Network Connected LED Fixtures | NEW | C_Office | Xcel | SPS	1.18	92	1
614	Com - Interior Network Connected LED Fixtures | ROB | C_Office | Xcel | SPS	1.18	92	1
615	Com - Ductless Mini-Split Heat Pumps | ROB | C_Retail | Xcel | SPS	1.17	92	1
616	Com - Packaged Terminal Air Conditioners | RET | C_School | Xcel | SPS	1.17	92	1
617	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Warehouse | Xcel | SPS	1.16	92	1
618	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Warehouse | Xcel | SPS	1.16	92	1
619	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.15	92	1
620	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.15	92	1
621	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.15	92	1
622	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.15	93	1
623	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.15	93	1
624	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	1.14	93	1
625	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.14	93	1
626	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	1.14	93	1
627	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	1.14	93	1
628	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.14	93	1
629	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	1.14	93	1
630	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.14	93	1
631	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.14	93	1
632	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.14	93	1
633	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	1.14	93	1
634	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.14	93	1
635	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	1.14	93	1
636	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.14	93	1
637	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.14	93	1
638	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.14	93	1
639	Com - Ductless Mini-Split Heat Pumps | ROB | C_Lodging | Xcel | SPS	1.14	93	1
640	Com - Water Source Heat Pump | NEW | C_Other | Xcel | SPS	1.14	93	1
641	Com - Water Source Heat Pump | ROB | C_Other | Xcel | SPS	1.14	93	1
642	Com - Interior Network Connected LED Fixtures | NEW | C_Health | Xcel | SPS	1.13	93	1
643	Com - Interior Network Connected LED Fixtures | ROB | C_Health | Xcel | SPS	1.13	93	1
644	Com - Interior Network Connected LED Fixtures | NEW | C_Retail | Xcel | SPS	1.13	93	1
645	Com - Interior Network Connected LED Fixtures | ROB | C_Retail | Xcel | SPS	1.13	93	1
646	Com - Room Air Conditioners | RET | C_Retail | Xcel | SPS	1.13	93	1
647	Com - Interior Network Connected LED Lamps | NEW | C_Health | Xcel | SPS	1.13	93	1
648	Com - Interior Network Connected LED Lamps | ROB | C_Health | Xcel | SPS	1.13	93	1
649	Ind - Air Compressor Optimization | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.12	94	1
650	Ind - Air Compressor Optimization | RET | I_Agriculture | Xcel | SPS	1.12	95	1
651	Com - Room Air Conditioners | RET | C_Lodging | Xcel | SPS	1.11	95	1
652	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Manufa	1.11	95	1
653	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi F.	1.11	95	1
654	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi F.	1.11	95	1
655	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single	1.11	95	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
656	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single	1.11	95	1
657	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Lodging | Xcel | SPS	1.08	95	1
658	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Lodging | Xcel | SPS	1.08	95	1
659	Com - Interior Network Connected LED Fixtures | NEW | C_Restaurant | Xcel | SPS	1.07	95	1
660	Com - Interior Network Connected LED Fixtures | ROB | C_Restaurant | Xcel | SPS	1.07	95	1
661	Com - Room Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.07	95	1
662	Com - High Efficiency Central Heat Pump System | NEW | C_Office | Xcel | SPS	1.06	95	1
663	Com - High Efficiency Central Heat Pump System | ROB | C_Office | Xcel | SPS	1.06	101	1
664	Com - Direct Evaporative Pre-Cooling | NEW | C_School | Xcel | SPS	1.05	101	1
665	Com - Direct Evaporative Pre-Cooling | ROB | C_School | Xcel | SPS	1.05	101	1
666	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.03	101	1
667	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.03	101	1
668	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.03	101	1
669	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.03	101	1
670	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.03	101	1
671	Com - Water Source Heat Pump | NEW | C_School | Xcel | SPS	1.03	101	1
672	Com - Water Source Heat Pump | ROB | C_School | Xcel | SPS	1.03	101	1
673	Com - High Efficiency Central Heat Pump System | NEW | C_College | Xcel | SPS	1.02	101	1
674	Com - High Efficiency Central Heat Pump System | ROB | C_College | Xcel | SPS	1.02	101	1
675	Com - High Efficiency Central Heat Pump System | NEW | C_Health | Xcel | SPS	1.01	101	1
676	Com - High Efficiency Central Heat Pump System | ROB | C_Health | Xcel | SPS	1.01	101	1
677	Com - Interior Network Connected LED Lamps | NEW | C_Warehouse | Xcel | SPS	1.00	101	1
678	Com - Interior Network Connected LED Lamps | ROB | C_Warehouse | Xcel | SPS	1.00	101	1
679	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Other | Xcel | SPS	1.00	101	1
680	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Other | Xcel | SPS	1.00	101	1
681	Com - Room Air Conditioners | RET | C_College | Xcel | SPS	1.00	101	1
682	Com - Room Air Conditioners | RET | C_Office | Xcel | SPS	1.00	103	1
683	Com - Room Air Conditioners | RET | C_Health | Xcel | SPS	0.99	103	1
684	Com - Direct Evaporative Pre-Cooling | NEW | C_Warehouse | Xcel | SPS	0.98	103	1
685	Com - Direct Evaporative Pre-Cooling | ROB | C_Warehouse | Xcel | SPS	0.98	103	1
686	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Lodging | Xcel | SPS	0.96	103	1
687	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Lodging | Xcel | SPS	0.96	103	1
688	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.95	103	1
689	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.95	103	1
690	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.95	103	1
691	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.95	103	1
692	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.95	103	1
693	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.95	103	1
694	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.95	103	1
695	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.95	103	1
696	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.95	103	1
697	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.95	103	1
698	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.95	103	1
699	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.95	103	1
700	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.95	103	1
701	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.95	103	1
702	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.95	103	1
703	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.95	103	1
704	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.95	103	1
705	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.95	103	1
706	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.95	103	1
707	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.95	103	1
708	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.95	103	1
709	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.95	103	1
710	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.95	103	1
711	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.95	103	1
712	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.95	103	1
713	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_School | Xcel | SPS	0.94	103	1
714	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_School | Xcel | SPS	0.94	103	1
715	Com - Interior Network Connected LED Fixtures | NEW | C_Grocery | Xcel | SPS	0.94	103	1
716	Com - Interior Network Connected LED Fixtures | ROB | C_Grocery | Xcel | SPS	0.94	103	1
717	Com - LED Refrigerated Case Lighting | NEW | C_Retail | Xcel | SPS	0.94	103	1
718	Com - LED Refrigerated Case Lighting | RET | C_Retail | Xcel | SPS	0.94	103	1
719	Com - High Efficiency Central Heat Pump System | NEW | C_Warehouse | Xcel | SPS	0.93	103	1
720	Com - High Efficiency Central Heat Pump System | ROB | C_Warehouse | Xcel | SPS	0.93	103	1
721	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Other | Xcel | SPS	0.92	103	1
722	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Other | Xcel | SPS	0.92	103	1
723	Com - High Efficiency Packaged Air Conditioning | NEW | C_Lodging | Xcel | SPS	0.92	103	1
724	Com - High Efficiency Packaged Air Conditioning | ROB | C_Lodging | Xcel | SPS	0.92	103	1
725	Com - High Efficiency Packaged Air Conditioning | NEW | C_Retail | Xcel | SPS	0.91	103	1
726	Com - High Efficiency Packaged Air Conditioning | ROB | C_Retail | Xcel | SPS	0.91	103	1
727	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_College | Xcel | SPS	0.91	103	1
728	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_College | Xcel | SPS	0.91	103	1
729	Com - Interior Network Connected LED Lamps | NEW | C_Grocery | Xcel | SPS	0.91	103	1
730	Com - Interior Network Connected LED Lamps | ROB | C_Grocery | Xcel | SPS	0.91	103	1
731	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Office | Xcel | SPS	0.90	103	1
732	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Office | Xcel | SPS	0.90	103	1
733	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Other | Xcel | SPS	0.89	103	1
734	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Other | Xcel | SPS	0.89	103	1
735	Com - Interior Network Connected LED Fixtures | NEW | C_Warehouse | Xcel | SPS	0.88	103	1
736	Com - Interior Network Connected LED Fixtures | ROB | C_Warehouse | Xcel | SPS	0.88	103	1
737	Com - High Efficiency Central Heat Pump System | NEW | C_Grocery | Xcel | SPS	0.88	103	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
738	Com - High Efficiency Central Heat Pump System | ROB | C_Grocery | Xcel | SPS	0.88	103	1
739	Com - Ductless Mini-Split Heat Pumps | ROB | C_Office | Xcel | SPS	0.88	103	1
740	Com - Room Air Conditioners | RET | C_Warehouse | Xcel | SPS	0.87	103	1
741	Com - Room Air Conditioners | RET | C_Grocery | Xcel | SPS	0.87	103	1
742	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Health | Xcel | SPS	0.86	103	1
743	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Health | Xcel | SPS	0.86	103	1
744	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Retail | Xcel | SPS	0.86	103	1
745	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Retail | Xcel | SPS	0.86	103	1
746	Com - High Efficiency Packaged Air Conditioning | NEW | C_Restaurant | Xcel | SPS	0.86	103	1
747	Com - High Efficiency Packaged Air Conditioning | ROB | C_Restaurant | Xcel | SPS	0.86	103	1
748	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_College | Xcel | SPS	0.86	103	1
749	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_College | Xcel | SPS	0.86	103	1
750	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Grocery | Xcel | SPS	0.86	103	1
751	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Grocery | Xcel | SPS	0.86	103	1
752	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Health | Xcel | SPS	0.86	103	1
753	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Health | Xcel | SPS	0.86	103	1
754	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Lodging | Xcel | SPS	0.86	103	1
755	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Lodging | Xcel | SPS	0.86	103	1
756	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Restaurant | Xcel | SPS	0.86	103	1
757	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Restaurant | Xcel | SPS	0.86	103	1
758	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_School | Xcel | SPS	0.86	103	1
759	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_School | Xcel | SPS	0.86	103	1
760	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.85	103	1
761	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.85	103	1
762	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.85	103	1
763	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.85	103	1
764	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.85	103	1
765	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.85	103	1
766	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.85	103	1
767	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.85	103	1
768	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.85	103	1
769	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.85	103	1
770	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_School | Xcel | SPS	0.84	103	1
771	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_School | Xcel | SPS	0.84	103	1
772	Ind - Mist Eliminators | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.84	103	1
773	Ind - Mist Eliminators | RET | I_Agriculture | Xcel | SPS	0.84	103	1
774	Ind - Mist Eliminators | RET | I_Manufacturing | Xcel | SPS	0.84	103	1
775	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.83	103	1
776	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.83	103	1
777	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.83	103	1
778	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.83	103	1
779	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | X	0.83	103	1
780	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | X	0.83	103	1
781	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.83	103	1
782	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.83	103	1
783	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family Low Income	0.83	103	1
784	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family Low Income |	0.83	103	1
785	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Restaurant | Xcel | SPS	0.82	103	1
786	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Restaurant | Xcel | SPS	0.82	103	1
787	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_College | Xcel | SPS	0.81	103	1
788	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_College | Xcel | SPS	0.81	103	1
789	Com - Exterior Lighting Controls | RET | C_Health | Xcel | SPS	0.81	103	1
790	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Health | Xcel | SPS	0.81	103	1
791	Com - High Efficiency Packaged Air Conditioning | NEW | C_College | Xcel | SPS	0.81	103	1
792	Com - High Efficiency Packaged Air Conditioning | ROB | C_College | Xcel | SPS	0.81	103	1
793	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Office | Xcel | SPS	0.81	103	1
794	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Office | Xcel | SPS	0.81	103	1
795	Com - High Efficiency Packaged Air Conditioning | NEW | C_Office | Xcel | SPS	0.81	103	1
796	Com - High Efficiency Packaged Air Conditioning | ROB | C_Office | Xcel | SPS	0.81	103	1
797	Com - High Efficiency Packaged Air Conditioning | NEW | C_Health | Xcel | SPS	0.80	103	1
798	Com - High Efficiency Packaged Air Conditioning | ROB | C_Health | Xcel | SPS	0.80	103	1
799	Com - Exterior Lighting Controls | RET | C_Restaurant | Xcel | SPS	0.79	103	1
800	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Restaurant | Xcel | SPS	0.79	103	1
801	Com - RTU with Demand Control | RET | C_College | Xcel | SPS	0.79	103	1
802	Com - RTU with Demand Control | RET | C_Grocery | Xcel | SPS	0.79	103	1
803	Com - RTU with Demand Control | RET | C_Health | Xcel | SPS	0.79	103	1
804	Com - RTU with Demand Control | RET | C_Lodging | Xcel | SPS	0.79	103	1
805	Com - RTU with Demand Control | RET | C_Office | Xcel | SPS	0.79	103	1
806	Com - RTU with Demand Control | RET | C_Other | Xcel | SPS	0.79	103	1
807	Com - RTU with Demand Control | RET | C_Restaurant | Xcel | SPS	0.79	103	1
808	Com - RTU with Demand Control | RET | C_Retail | Xcel | SPS	0.79	103	1
809	Com - RTU with Demand Control | RET | C_School | Xcel | SPS	0.79	103	1
810	Com - RTU with Demand Control | RET | C_Warehouse | Xcel | SPS	0.79	103	1
811	Com - Zero-Energy Doors | RET | C_College | Xcel | SPS	0.78	103	1
812	Com - Zero-Energy Doors | ROB | C_College | Xcel | SPS	0.78	103	1
813	Com - Zero-Energy Doors | RET | C_Grocery | Xcel | SPS	0.78	103	1
814	Com - Zero-Energy Doors | ROB | C_Grocery | Xcel | SPS	0.78	103	1
815	Com - Zero-Energy Doors | RET | C_Health | Xcel | SPS	0.78	103	1
816	Com - Zero-Energy Doors | ROB | C_Health | Xcel | SPS	0.78	103	1
817	Com - Zero-Energy Doors | RET | C_Lodging | Xcel | SPS	0.78	103	1
818	Com - Zero-Energy Doors | ROB | C_Lodging | Xcel | SPS	0.78	103	1
819	Com - Zero-Energy Doors | RET | C_Office | Xcel | SPS	0.78	103	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
820	Com - Zero-Energy Doors | ROB | C_Office | Xcel | SPS	0.78	103	1
821	Com - Zero-Energy Doors | RET | C_Other | Xcel | SPS	0.78	103	1
822	Com - Zero-Energy Doors | ROB | C_Other | Xcel | SPS	0.78	103	1
823	Com - Zero-Energy Doors | RET | C_Restaurant | Xcel | SPS	0.78	103	1
824	Com - Zero-Energy Doors | ROB | C_Restaurant | Xcel | SPS	0.78	103	1
825	Com - Zero-Energy Doors | RET | C_Retail | Xcel | SPS	0.78	103	1
826	Com - Zero-Energy Doors | ROB | C_Retail | Xcel | SPS	0.78	103	1
827	Com - Zero-Energy Doors | RET | C_School | Xcel | SPS	0.78	103	1
828	Com - Zero-Energy Doors | ROB | C_School | Xcel | SPS	0.78	103	1
829	Com - Zero-Energy Doors | RET | C_Warehouse | Xcel | SPS	0.78	103	1
830	Com - Zero-Energy Doors | ROB | C_Warehouse | Xcel | SPS	0.78	103	1
831	Com - Ductless Mini-Split Heat Pumps | ROB | C_College | Xcel | SPS	0.78	103	1
832	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Health | Xcel | SPS	0.77	103	1
833	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Health | Xcel | SPS	0.77	103	1
834	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Retail | Xcel | SPS	0.77	103	1
835	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Retail | Xcel | SPS	0.77	103	1
836	Com - Ductless Mini-Split Heat Pumps | ROB | C_Health | Xcel | SPS	0.77	103	1
837	Com - High Efficiency Central Heat Pump System | NEW | C_School | Xcel | SPS	0.77	103	1
838	Com - High Efficiency Central Heat Pump System | ROB | C_School | Xcel | SPS	0.77	103	1
839	Com - High Efficiency Central Heat Pump System | NEW | C_Other | Xcel | SPS	0.76	103	1
840	Com - High Efficiency Central Heat Pump System | ROB | C_Other | Xcel | SPS	0.76	103	1
841	Com - Ductless Mini-Split Heat Pumps | ROB | C_Warehouse | Xcel | SPS	0.76	103	1
842	Com - Ductless Mini-Split Heat Pumps | ROB | C_School | Xcel | SPS	0.75	103	1
843	Com - LED Refrigerated Case Lighting | NEW | C_Health | Xcel | SPS	0.75	103	1
844	Com - LED Refrigerated Case Lighting | RET | C_Health | Xcel | SPS	0.75	103	1
845	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.75	103	1
846	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.75	103	1
847	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.75	103	1
848	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.75	103	1
849	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.75	103	1
850	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.75	103	1
851	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.75	103	1
852	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.75	103	1
853	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.75	103	1
854	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.75	103	1
855	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.75	103	1
856	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.75	103	1
857	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.75	103	1
858	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.75	103	1
859	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.75	103	1
860	Com - LED Refrigerated Case Lighting | NEW | C_Warehouse | Xcel | SPS	0.73	103	1
861	Com - LED Refrigerated Case Lighting | RET | C_Warehouse | Xcel | SPS	0.73	103	1
862	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.73	103	1
863	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.73	103	1
864	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.73	103	1
865	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.73	103	1
866	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.73	103	1
867	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.73	103	1
868	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.73	103	1
869	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.73	103	1
870	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.73	103	1
871	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.73	103	1
872	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Restaurant | Xcel | SF	0.73	103	1
873	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Restaurant | Xcel | SF	0.73	103	1
874	Com - High Efficiency Packaged Air Conditioning | NEW | C_Warehouse | Xcel | SPS	0.73	103	1
875	Com - High Efficiency Packaged Air Conditioning | ROB | C_Warehouse | Xcel | SPS	0.73	103	1
876	Com - LED Refrigerated Case Lighting | NEW | C_Restaurant | Xcel | SPS	0.72	103	1
877	Com - LED Refrigerated Case Lighting | RET | C_Restaurant | Xcel | SPS	0.72	103	1
878	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Grocery | Xcel | SPS	0.72	103	1
879	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Grocery | Xcel | SPS	0.72	103	1
880	Com - LED Refrigerated Case Lighting | NEW | C_Grocery | Xcel | SPS	0.72	103	1
881	Com - LED Refrigerated Case Lighting | RET | C_Grocery | Xcel | SPS	0.72	103	1
882	Com - Exterior Lighting Controls | RET | C_Grocery | Xcel | SPS	0.71	103	1
883	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Grocery | Xcel | SPS	0.71	104	1
884	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.70	104	1
885	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.70	104	1
886	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.70	104	1
887	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.70	104	1
888	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SP	0.70	104	1
889	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SP	0.70	104	1
890	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.70	104	1
891	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.70	104	1
892	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | S	0.70	104	1
893	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SI	0.70	104	1
894	Com - High Efficiency Packaged Air Conditioning | NEW | C_Grocery | Xcel | SPS	0.70	104	1
895	Com - High Efficiency Packaged Air Conditioning | ROB | C_Grocery | Xcel | SPS	0.70	104	1
896	Com - Ductless Mini-Split Heat Pumps | ROB | C_Other | Xcel | SPS	0.69	104	1
897	Com - Room Air Conditioners | RET | C_Other | Xcel | SPS	0.68	104	1
898	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.67	104	1
899	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.67	104	1
900	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.67	104	1
901	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.67	104	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
902	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Warehouse | Xcel | SPS	0.67	104	1
903	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Warehouse | Xcel | SPS	0.67	104	1
904	Com - Ductless Mini-Split Heat Pumps | ROB | C_Grocery | Xcel | SPS	0.66	104	1
905	Com - Room Air Conditioners | RET | C_School | Xcel | SPS	0.66	104	1
906	Com - Exterior Lighting Controls | RET | C_Retail | Xcel | SPS	0.65	104	1
907	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Retail | Xcel | SPS	0.65	104	1
908	Com - Exterior Lighting Controls | RET | C_Warehouse | Xcel | SPS	0.64	104	1
909	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Warehouse | Xcel | SPS	0.64	104	1
910	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Grocery | Xcel | SPS	0.64	104	1
911	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Grocery | Xcel | SPS	0.64	104	1
912	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Warehouse | Xcel | S	0.60	104	1
913	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Warehouse | Xcel | Sf	0.60	104	1
914	Res - Whole House Fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.59	104	1
915	Res - Whole House Fans - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.59	104	1
916	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.59	104	1
917	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.59	104	1
918	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.59	104	1
919	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.59	104	1
920	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.59	104	1
921	Res - Whole House Fans - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.59	104	1
922	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.59	104	1
923	Res - Whole House Fans - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.59	104	1
924	Com - High Efficiency Packaged Air Conditioning | NEW | C_Other | Xcel | SPS	0.57	104	1
925	Com - High Efficiency Packaged Air Conditioning | ROB | C_Other | Xcel | SPS	0.57	104	1
926	Com - DX RTU Unit of varying sizes | NEW | C_Lodging | Xcel | SPS	0.56	104	1
927	Com - DX RTU Unit of varying sizes | ROB | C_Lodging | Xcel | SPS	0.56	104	1
928	Com - DX RTU Unit of varying sizes | NEW | C_Retail | Xcel | SPS	0.56	104	1
929	Com - DX RTU Unit of varying sizes | ROB | C_Retail | Xcel | SPS	0.56	104	1
930	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.56	104	1
931	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.56	104	1
932	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.56	104	1
933	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.56	104	1
934	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.56	104	1
935	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.56	104	1
936	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.56	104	1
937	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.56	104	1
938	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.56	104	1
939	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.56	104	1
940	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.56	104	1
941	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.56	104	1
942	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.56	104	1
943	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.56	104	1
944	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.56	104	1
945	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.56	104	1
946	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.56	104	1
947	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.56	104	1
948	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
949	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
950	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
951	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
952	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
953	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
954	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
955	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
956	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.56	104	1
957	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.56	104	1
958	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.56	104	1
959	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.56	104	1
960	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.56	104	1
961	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.56	104	1
962	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.56	104	1
963	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.56	104	1
964	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.56	104	1
965	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.56	104	1
966	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	104	1
967	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	104	1
968	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.56	104	1
969	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.56	104	1
970	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.56	104	1
971	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.56	104	1
972	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	104	1
973	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	104	1
974	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.56	104	1
975	Com - Exterior Lighting Controls | RET | C_Other | Xcel | SPS	0.55	104	1
976	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Other | Xcel | SPS	0.55	104	1
977	Com - DX RTU Unit of varying sizes | NEW | C_Restaurant | Xcel | SPS	0.53	104	1
978	Com - DX RTU Unit of varying sizes | ROB | C_Restaurant | Xcel | SPS	0.53	104	1
979	Com - High Efficiency Packaged Air Conditioning | NEW | C_School | Xcel | SPS	0.52	104	1
980	Com - High Efficiency Packaged Air Conditioning | ROB | C_School | Xcel | SPS	0.52	104	1
981	Com - Exterior Lighting Controls | RET | C_Office | Xcel | SPS	0.51	104	1
982	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Office | Xcel | SPS	0.51	104	1
983	Ind - Air compressor VFD | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.50	104	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
984	Ind - Air compressor VFD | RET | I_Agriculture | Xcel | SPS	0.50	104	1
985	Ind - Air compressor VFD | RET | I_Manufacturing | Xcel | SPS	0.50	104	1
986	Com - DX RTU Unit of varying sizes | NEW | C_College | Xcel | SPS	0.50	104	1
987	Com - DX RTU Unit of varying sizes | ROB | C_College | Xcel | SPS	0.50	104	1
988	Com - DX RTU Unit of varying sizes | NEW | C_Office | Xcel | SPS	0.50	104	1
989	Com - DX RTU Unit of varying sizes | ROB | C_Office | Xcel | SPS	0.50	104	1
990	Com - DX RTU Unit of varying sizes | NEW | C_Health | Xcel | SPS	0.49	104	1
991	Com - DX RTU Unit of varying sizes | ROB | C_Health | Xcel | SPS	0.49	104	1
992	Com - Exterior Lighting Controls | RET | C_College | Xcel | SPS	0.47	104	1
993	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_College | Xcel | SPS	0.47	104	1
994	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.47	104	1
995	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.47	104	1
996	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.47	104	1
997	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.47	104	1
998	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.47	104	1
999	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.47	104	1
1000	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.47	104	1
1001	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.47	104	1
1002	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.47	104	1
1003	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.47	104	1
1004	Com - Exterior Lighting Controls | RET | C_School | Xcel | SPS	0.45	104	1
1005	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_School | Xcel | SPS	0.45	104	1
1006	Com - Exterior Lighting Controls | RET | C_Lodging | Xcel | SPS	0.45	104	1
1007	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Lodging | Xcel | SPS	0.45	104	1
1008	Com - DX RTU Unit of varying sizes | NEW | C_Warehouse | Xcel | SPS	0.45	104	1
1009	Com - DX RTU Unit of varying sizes | ROB | C_Warehouse | Xcel | SPS	0.45	104	1
1010	Com - DX RTU Unit of varying sizes | NEW | C_Grocery | Xcel | SPS	0.43	104	1
1011	Com - DX RTU Unit of varying sizes | ROB | C_Grocery | Xcel | SPS	0.43	104	1
1012	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.42	104	1
1013	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.42	104	1
1014	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.42	104	1
1015	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.42	104	1
1016	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.42	104	1
1017	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.41	104	1
1018	Res - Advanced Power Strips - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.40	104	1
1019	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.40	104	1
1020	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.40	104	1
1021	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.40	104	1
1022	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.40	104	1
1023	Com - HVAC Variable Frequency Drives | RET | C_College | Xcel | SPS	0.39	104	1
1024	Com - HVAC Variable Frequency Drives | RET | C_Grocery | Xcel | SPS	0.39	104	1
1025	Com - HVAC Variable Frequency Drives | RET | C_Health | Xcel | SPS	0.39	104	1
1026	Com - HVAC Variable Frequency Drives | RET | C_Lodging | Xcel | SPS	0.39	104	1
1027	Com - HVAC Variable Frequency Drives | RET | C_Office | Xcel | SPS	0.39	104	1
1028	Com - HVAC Variable Frequency Drives | RET | C_Other | Xcel | SPS	0.39	104	1
1029	Com - HVAC Variable Frequency Drives | RET | C_Restaurant | Xcel | SPS	0.39	104	1
1030	Com - HVAC Variable Frequency Drives | RET | C_Retail | Xcel | SPS	0.39	104	1
1031	Com - HVAC Variable Frequency Drives | RET | C_School | Xcel | SPS	0.39	104	1
1032	Com - HVAC Variable Frequency Drives | RET | C_Warehouse | Xcel | SPS	0.39	104	1
1033	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.38	104	1
1034	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.38	104	1
1035	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.38	104	1
1036	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.38	104	1
1037	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.38	104	1
1038	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.38	104	1
1039	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.38	104	1
1040	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.38	104	1
1041	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.38	104	1
1042	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.38	104	1
1043	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.38	104	1
1044	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.37	104	1
1045	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.37	104	1
1046	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.37	104	1
1047	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.37	104	1
1048	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.37	104	1
1049	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_College | Xcel | SPS	0.36	104	1
1050	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_College | Xcel | SPS	0.36	104	1
1051	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Grocery | Xcel | SPS	0.36	104	1
1052	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Grocery | Xcel | SPS	0.36	104	1
1053	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Health | Xcel | SPS	0.36	104	1
1054	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Health | Xcel | SPS	0.36	104	1
1055	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Lodging | Xcel | SPS	0.36	104	1
1056	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Lodging | Xcel | SPS	0.36	104	1
1057	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Restaurant | Xcel | SPS	0.36	104	1
1058	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Restaurant | Xcel | SPS	0.36	104	1
1059	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family Low Income | Xcel |	0.35	104	1
1060	Com - DX RTU Unit of varying sizes | NEW | C_Other | Xcel | SPS	0.35	104	1
1061	Com - DX RTU Unit of varying sizes | ROB | C_Other | Xcel | SPS	0.35	104	1
1062	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.33	104	1
1063	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.33	104	1
1064	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.33	104	1
1065	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.33	104	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
1066	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.33	104	1
1067	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.33	104	1
1068	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.33	104	1
1069	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.33	104	1
1070	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.33	104	1
1071	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.33	104	1
1072	Com - DX RTU Unit of varying sizes | NEW | C_School | Xcel | SPS	0.32	104	1
1073	Com - DX RTU Unit of varying sizes | ROB | C_School | Xcel | SPS	0.32	104	1
1074	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.32	104	1
1075	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.32	104	1
1076	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.32	104	1
1077	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.32	104	1
1078	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.32	104	1
1079	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.31	104	1
1080	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.31	104	1
1081	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.31	104	1
1082	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.31	104	1
1083	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.31	104	1
1084	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.31	104	1
1085	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.31	104	1
1086	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.31	104	1
1087	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.31	104	1
1088	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.31	104	1
1089	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.29	104	1
1090	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.29	104	1
1091	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.29	104	1
1092	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.29	104	1
1093	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.29	104	1
1094	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.29	104	1
1095	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.29	104	1
1096	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.29	104	1
1097	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.29	104	1
1098	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.29	104	1
1099	Com - Vending Machine Controls | RET | C_Lodging | Xcel | SPS	0.28	104	1
1100	Com - Vending Machine Controls | RET | C_School | Xcel | SPS	0.27	104	1
1101	Com - Vending Machine Controls | RET | C_Office | Xcel | SPS	0.25	104	1
1102	Com - Vending Machine Controls | RET | C_College | Xcel | SPS	0.24	104	1
1103	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.24	104	1
1104	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.24	104	1
1105	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.24	104	1
1106	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.24	104	1
1107	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.24	104	1
1108	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.23	104	1
1109	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.23	104	1
1110	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.23	104	1
1111	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.23	104	1
1112	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.23	104	1
1113	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.23	104	1
1114	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.23	104	1
1115	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.23	104	1
1116	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.23	104	1
1117	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.23	104	1
1118	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.21	104	1
1119	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.21	104	1
1120	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.21	104	1
1121	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.21	104	1
1122	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.21	104	1
1123	Com - Vending Machine Controls | RET | C_Restaurant | Xcel | SPS	0.19	104	1
1124	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.19	104	1
1125	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.19	104	1
1126	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.19	104	1
1127	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.19	104	1
1128	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.19	104	1
1129	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.19	104	1
1130	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.19	104	1
1131	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.19	104	1
1132	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.19	104	1
1133	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.19	104	1
1134	Com - Vending Machine Controls | RET | C_Retail | Xcel | SPS	0.19	104	1
1135	Res - Smart ceiling fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.16	104	1
1136	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.16	104	1
1137	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.16	104	1
1138	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.16	104	1
1139	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.16	104	1
1140	Com - Vending Machine Controls | RET | C_Warehouse | Xcel | SPS	0.16	104	1
1141	Com - Ductless Mini-Split Heat Pumps | RET | C_Restaurant | Xcel | SPS	0.16	104	1
1142	Com - Vending Machine Controls | RET | C_Health | Xcel | SPS	0.16	104	1
1143	Com - Ductless Mini-Split Heat Pumps | RET | C_Retail | Xcel | SPS	0.15	104	1
1144	Com - Vending Machine Controls | RET | C_Grocery | Xcel | SPS	0.15	104	1
1145	Com - Ductless Mini-Split Heat Pumps | RET | C_Lodging | Xcel | SPS	0.15	104	1
1146	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.14	104	1
1147	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.14	104	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
1148	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.14	104	1
1149	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.14	104	1
1150	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	104	1
1151	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	104	1
1152	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.14	104	1
1153	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.14	104	1
1154	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SP	0.14	104	1
1155	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SP	0.14	104	1
1156	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Health | Xcel | SPS	0.14	104	1
1157	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.12	104	1
1158	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.12	104	1
1159	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.12	104	1
1160	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.12	104	1
1161	Ind - Progressive Cavity Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.11	104	1
1162	Ind - Progressive Cavity Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.11	104	1
1163	Com - Ductless Mini-Split Heat Pumps | RET | C_Office | Xcel | SPS	0.11	104	1
1164	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.11	104	1
1165	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.11	104	1
1166	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.11	104	1
1167	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.11	104	1
1168	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.11	104	1
1169	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.11	104	1
1170	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.10	104	1
1171	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.10	104	1
1172	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.10	104	1
1173	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.10	104	1
1174	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.10	104	1
1175	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.10	104	1
1176	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.10	104	1
1177	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.10	104	1
1178	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.10	104	1
1179	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.10	104	1
1180	Com - Ductless Mini-Split Heat Pumps | RET | C_College | Xcel | SPS	0.10	104	1
1181	Com - Ductless Mini-Split Heat Pumps | RET | C_Health | Xcel | SPS	0.10	104	1
1182	Com - Ductless Mini-Split Heat Pumps | RET | C_Warehouse | Xcel | SPS	0.10	104	1
1183	Com - Ductless Mini-Split Heat Pumps | RET | C_School | Xcel | SPS	0.10	104	1
1184	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_College | Xcel | SPS	0.09	104	1
1185	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.09	104	1
1186	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.09	104	1
1187	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.09	104	1
1188	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.09	104	1
1189	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.09	104	1
1190	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Office | Xcel | SPS	0.09	104	1
1191	Com - Ductless Mini-Split Heat Pumps | RET | C_Other | Xcel | SPS	0.09	104	1
1192	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Lodging | Xcel | SPS	0.09	104	1
1193	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Grocery | Xcel | SPS	0.09	104	1
1194	Com - Ductless Mini-Split Heat Pumps | RET | C_Grocery | Xcel | SPS	0.09	104	1
1195	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_School | Xcel | SPS	0.08	104	1
1196	Res - Solar Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.07	104	1
1197	Res - Solar Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.07	104	1
1198	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.07	104	1
1199	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.07	104	1
1200	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.07	104	1
1201	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.07	104	1
1202	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Retail | Xcel | SPS	0.07	104	1
1203	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.06	104	1
1204	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.06	104	1
1205	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.06	104	1
1206	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.06	104	1
1207	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Other | Xcel | SPS	0.04	104	1
1208	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.04	104	1
1209	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.04	104	1
1210	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.04	104	1
1211	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.04	104	1
1212	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	104	1
1213	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.04	104	1
1214	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.04	104	1
1215	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.04	104	1
1216	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.04	104	1
1217	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.04	104	1
1218	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.04	104	1
1219	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.04	104	1
1220	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	104	1
1221	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.04	104	1
1222	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.04	104	1
1223	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.03	104	1
1224	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.03	104	1
1225	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.03	104	1
1226	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.03	104	1
1227	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.03	104	1
1228	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.03	104	1
1229	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	104	1

Rank	Measure	UCT Ratio	Cumulative Potential (MW)	
1230	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	104	1
1231	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03	104	1
1232	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03	104	1
1233	Ind - Progressive Cavity Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.03	104	1
1234	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.03	104	1
1235	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.03	104	1
1236	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	104	1
1237	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.03	104	1
1238	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	104	1
1239	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.03	104	1
1240	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.03	104	1
1241	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.03	104	1
1242	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.03	104	1
1243	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.03	104	1
1244	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.01	104	1
1245	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.01	104	1
1246	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.01	104	1
1247	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.01	104	1
1248	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.01	104	1
1249	Ind - Select More effcient Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	104	1
1250	Ind - Select More effcient Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	104	1
1251	Ind - O&G O&M | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	104	1
1252	Ind - Select More effcient Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	104	1

The below mappings are used to dynamically link the title and units fields of all tables in this workbook. The values for Table Row and Table Column denote the position of the table as an element of a "matrix" of tables within the sheet.

Sheet	Table Row	Table Column	Table Title	Units
ElecEnergy_Sector	1	1	Electric Energy Technical Potential by Sector	GWh/year
ElecEnergy_Sector	2	1	Electric Energy Economic Potential by Sector	GWh/year
ElecEnergy_Sector	3	1	Electric Energy Achievable Potential by Sector	GWh/year
ElecEnergy_Sector	1	2	Total Electric Energy Potential by Potential Type	GWh/year
ElecEnergy_EndUse	1	1	Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	2	1	Residential Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	3	1	Commercial Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	4	1	Industrial Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	1	2	Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	2	2	Residential Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	3	2	Commercial Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	4	2	Industrial Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	1	3	Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	2	3	Residential Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	3	3	Commercial Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	4	3	Industrial Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_CustSeg	1	1	Electric Energy Technical Potential by Customer Segment	GWh/year
ElecEnergy_CustSeg	1	2	Electric Energy Economic Potential by Customer Segment	GWh/year
ElecEnergy_CustSeg	1	3	Electric Energy Achievable Potential by Customer Segment	GWh/year
ElecEnergy_Pct	1	1	Electric Energy Technical Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	2	1	Electric Energy Economic Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	3	1	Electric Energy Achievable Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	1	2	Electric Energy Potential by Potential Type as a Percent of Total Sales	%
ElecEnergy_Top40	1	1	Top Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	1	Top Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	1	Top Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	2	Top Residential Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	2	Top Residential Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	2	Top Residential Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	3	Top Commercial Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	3	Top Commercial Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	3	Top Commercial Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	4	Top Industrial Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	4	Top Industrial Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	4	Top Industrial Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_LCOE	1	1	Electric Energy Technical Potential LCOE Supply Curve in 2030	
ElecEnergy_LCOE	1	2	Electric Energy Economic Potential LCOE Supply Curve in 2030	
ElecEnergy_LCOE	1	3	Electric Energy Achievable Potential LCOE Supply Curve in 2030	
ElecEnergy_BC	1	1	Electric Energy Technical Potential TRC Supply Curve in 2030	
ElecEnergy_BC	1	2	Electric Energy Economic Potential TRC Supply Curve in 2030	
ElecEnergy_BC	1	3	Electric Energy Achievable Potential TRC Supply Curve in 2030	
ElecEnergy_NatChange	1	1	Electric Energy Natural Change	GWh/year
ElecDemand_Sector	1	1	Electric Demand Technical Potential by Sector	MW
ElecDemand_Sector	2	1	Electric Demand Economic Potential by Sector	MW
ElecDemand_Sector	3	1	Electric Demand Achievable Potential by Sector	MW
ElecDemand_Sector	1	2	Total Electric Demand Potential by Potential Type	MW
ElecDemand_EndUse	1	1	Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	2	1	Residential Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	3	1	Commercial Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	4	1	Industrial Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	1	2	Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	2	2	Residential Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	3	2	Commercial Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	4	2	Industrial Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	1	3	Electric Demand Achievable Potential by End Use	MW
ElecDemand_EndUse	2	3	Residential Electric Demand AchievablePotential by End Use	MW
ElecDemand_EndUse	3	3	Commercial Electric Demand Achievable Potential by End Use	MW
ElecDemand_EndUse	4	3	Industrial Electric Demand Achievable Potential by End Use	MW
ElecDemand_CustSeg	1	1	Electric Demand Technical Potential by Customer Segment	MW
ElecDemand_CustSeg	1	2	Electric Demand Economic Potential by Customer Segment	MW
ElecDemand_CustSeg	1	3	Electric Demand Achievable Potential by Customer Segment	MW
ElecDemand_Pct	1	1	Electric Demand Technical Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	2	1	Electric Demand Economic Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	3	1	Electric Demand Achievable Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	1	2	Electric Demand Potential by Potential Type as a Percent of Total Sales	%
ElecDemand_Top40	1	1	Top Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	1	Top Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	1	Top Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	2	Top Residential Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	2	Top Residential Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	2	Top Residential Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	3	Top Commercial Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	3	Top Commercial Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	3	Top Commercial Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	4	Top Industrial Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	4	Top Industrial Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_LCOE	1	1	Electric Demand Technical Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE	1	2	Electric Demand Economic Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE	1	3	Electric Demand Achievable Potential LCOE Supply Curve in 2030	
ElecDemand_BC	1	1	Electric Demand Technical Potential TRC Supply Curve in 2030	
ElecDemand_BC	1	2	Electric Demand Economic Potential TRC Supply Curve in 2030	
ElecDemand_BC	1	3	Electric Demand Achievable Potential TRC Supply Curve in 2030	
ElecDemand_NatChange	1	1	Electric Demand Natural Change	MW
GasEnergy_Sector	1	1	Gas Energy Technical Potential by Sector	MMTherms/year
GasEnergy_Sector	2	1	Gas Energy Economic Potential by Sector	MMTherms/year
GasEnergy_Sector	3	1	Gas Energy Achievable Potential by Sector	MMTherms/year
GasEnergy_Sector	1	2	Total Gas Energy Potential by Potential Type	MMTherms/year
GasEnergy_EndUse	1	1	Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	2	1	Residential Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	3	1	Commercial Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	4	1	Industrial Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	1	2	Gas Energy Economic Potential by End Use	MMTherms/year

Link to these values for particular sheets where table colum headers should be hard-coded.

Sheet	Table Row	Table Column	Col Header 1	Col Header 2	Col Header 3	Col Header 4	Year for Export
ElecEnergy_Top40	1	1	Rank	Measure	Technical Potential		2030
ElecEnergy_Top40	2	1	Rank	Measure	Economic Potential		
ElecEnergy_Top40	3	1	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	1	2	Rank	Measure	Technical Potential		
ElecEnergy_Top40	2	2	Rank	Measure	Economic Potential		
ElecEnergy_Top40	2	2	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	1	3	Rank	Measure	Technical Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	1	3	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	2	3	Rank	Measure	Economic Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	2	4	Rank	Measure	Achievable Potential	Cumulative Potential (GWh/year)	
ElecEnergy_LCOE	1	1		Measure	Levelized Cost ($/kWh)	Cumulative Potential (GWh/year)	
ElecEnergy_LCOE	1	2		Measure	Levelized Cost ($/kWh)	Cumulative Potential (GWh/year)	
ElecEnergy_BC	1	1		Measure	TRC Ratio		
ElecEnergy_BC	1	2		Measure	TRC Ratio		
ElecDemand_Top40	1	1	Rank	Measure	Technical Potential		
ElecDemand_Top40	2	1	Rank	Measure	Economic Potential		
ElecDemand_Top40	2	1	Rank	Measure	Achievable Potential		
ElecDemand_Top40	1	2	Rank	Measure	Technical Potential		
ElecDemand_Top40	2	2	Rank	Measure	Economic Potential		
ElecDemand_Top40	3	2	Rank	Measure	Achievable Potential		
ElecDemand_Top40	1	3	Rank	Measure	Technical Potential	Cumulative Potential (MW)	
ElecDemand_Top40	2	3	Rank	Measure	Economic Potential	Cumulative Potential (MW)	
ElecDemand_Top40	3	3	Rank	Measure	Achievable Potential	Cumulative Potential (MW)	
ElecDemand_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (MW)	
ElecDemand_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (MW)	
ElecDemand_Top40	3	4	Rank	Measure	Achievable Potential	Cumulative Potential (MW)	
ElecDemand_LCOE	1	1		Measure	Levelized Cost ($/kW)	Cumulative Potential (MW)	
ElecDemand_LCOE	1	2		Measure	Levelized Cost ($/kW)	Cumulative Potential (MW)	
ElecDemand_BC	1	1		Measure	TRC Ratio	Cumulative Potential (MW)	
ElecDemand_BC	1	2		Measure	TRC Ratio	Cumulative Potential (MW)	
ElecDemand_BC	1	3		Measure	TRC Ratio	Cumulative Potential (MW)	
GasEnergy_Top40	1	1	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	1	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	2	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	2	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	3	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	3	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (MMTherms/year)	
GasEnergy_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (MMTherms/year)	
GasEnergy_LCOE	1	1		Measure	Levelized Cost ($/therm)	Cumulative Potential (MMTherms/year)	
GasEnergy_LCOE	1	2		Measure	Levelized Cost ($/therm)	Cumulative Potential (MMTherms/year)	
GasEnergy_BC	1	1		Measure	TRC Ratio		
GasEnergy_BC	1	2		Measure	TRC Ratio		
GasDemand_Top40	1	1	Rank	Measure	Technical Potential		
GasDemand_Top40	2	1	Rank	Measure	Economic Potential		
GasDemand_Top40	1	2	Rank	Measure	Technical Potential		
GasDemand_Top40	2	2	Rank	Measure	Economic Potential		
GasDemand_Top40	1	3	Rank	Measure	Technical Potential		
GasDemand_Top40	2	3	Rank	Measure	Economic Potential		
GasDemand_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (GJ/day)	
GasDemand_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (GJ/day)	
GasDemand_LCOE	1	1		Measure	Levelized Cost ($/MJ/day)	Cumulative Potential (GJ/day)	
GasDemand_LCOE	1	2		Measure	Levelized Cost ($/MJ/day)	Cumulative Potential (GJ/day)	
GasDemand_BC	1	1		Measure	TRC Ratio		
GasDemand_BC	1	2		Measure	TRC Ratio		

Sheet	Table Row	Table Column	Table Title	Units
GasEnergy_EndUse		2	2 Residential Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		3	2 Commercial Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		4	2 Industrial Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		1	3 Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		2	3 Residential Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		3	3 Commercial Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		4	3 Industrial Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_CustSeg		1	1 Gas Energy Technical Potential by Customer Segment	MMTherms/year
GasEnergy_CustSeg		1	2 Gas Energy Economic Potential by Customer Segment	MMTherms/year
GasEnergy_CustSeg		1	3 Gas Energy Achievable Potential by Customer Segment	MMTherms/year
GasEnergy_Pct		1	1 Gas Energy Technical Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		2	1 Gas Energy Economic Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		3	1 Gas Energy Achievable Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		1	2 Gas Energy Potential by Potential Type as a Percent of Total Sales	%
GasEnergy_Top40		1	1 Top Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	1 Top Measures Ranked by Gas Energy Economic Potential in 2030	MMTherms/year
		3	1 Top Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	2 Top Residential Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	2 Top Residential Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	3 Top Commercial Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	3 Top Commercial Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	4 Top Industrial Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	4 Top Industrial Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_LCOE		1	1 Gas Energy Technical Potential LCOE Supply Curve in 2030	
GasEnergy_LCOE		1	2 Gas Energy Economic Potential LCOE Supply Curve in 2030	
GasEnergy_LCOE		1	3 Gas Energy Achievable Potential LCOE Supply Curve in 2030	
GasEnergy_BC		1	1 Gas Energy Technical Potential TRC Supply Curve in 2030	
GasEnergy_BC		1	2 Gas Energy Economic Potential TRC Supply Curve in 2030	
GasEnergy_BC		1	3 Gas Energy Achievable Potential TRC Supply Curve in 2030	
GasEnergy_NatChange		1	1 Gas Energy Natural Change	MMTherms/year
GasDemand_Sector		1	1 Gas Demand Technical Potential by Sector	MMTherms/year
GasDemand_Sector		2	1 Gas Demand Economic Potential by Sector	MMTherms/year
GasDemand_Sector		1	2 Total Gas Demand Potential by Potential Type	MMTherms/year
GasDemand_EndUse		1	1 Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		2	1 Residential Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		3	1 Commercial Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		4	1 Industrial Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		1	2 Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		2	2 Residential Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		3	2 Commercial Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		4	2 Industrial Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_CustSeg		1	1 Gas Demand Technical Potential by Customer Segment	MMTherms/year
GasDemand_CustSeg		1	2 Gas Demand Economic Potential by Customer Segment	MMTherms/year
GasDemand_Pct		1	1 Gas Demand Technical Potential by Sector as a Percent of Total Sales	%
GasDemand_Pct		2	1 Gas Demand Economic Potential by Sector as a Percent of Total Sales	%
GasDemand_Pct		1	2 Gas Demand Potential by Potential Type as a Percent of Total Sales	%
GasDemand_Top40		1	1 Top Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	1 Top Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	2 Top Residential Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	2 Top Residential Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	3 Top Commercial Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	3 Top Commercial Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	4 Top Industrial Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	4 Top Industrial Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_LCOE		1	1 Gas Demand Technical Potential LCOE Supply Curve in 2030	
GasDemand_LCOE		1	2 Gas Demand Economic Potential LCOE Supply Curve in 2030	
GasDemand_BC		1	1 Gas Demand Technical Potential TRC Supply Curve in 2030	
GasDemand_BC		1	2 Gas Demand Economic Potential TRC Supply Curve in 2030	
GasDemand_NatChange		1	1 Gas Demand Natural Change	MMTherms/year
ElecEnergy_BC		1	1 Electric Energy Achievable Potential UTC Supply Curve in 2030	
ElecEnergy_LCOE		1	1 Electric Energy Achievable UTC Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE		1	1 Electric Demand Achievable UTC Potential LCOE Supply Curve in 2030	
ElecDemand_BC		1	1 Electric Demand Achievable Potential UTC Supply Curve in 2030	

Sheet	Table Row	Table Column	Col Header 1	Col Header 2	Col Header 3	Col Header 4	Year for Export

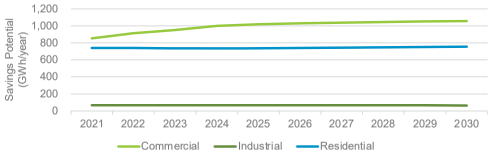
Portfolio Budget Breakdown

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Incentives | C&I Motors and Drives	$ 3,254,953	$ 3,877,230	$ 3,853,164	$ 3,022,274	$ 1,819,298	$ 866,307	$ 353,333	$ 133,383	$ 48,771	$ 17,621
Incentives | Commercial Cooling	$ 1,929,855	$ 2,868,511	$ 3,092,768	$ 3,210,755	$ 2,470,504	$ 2,003,754	$ 1,667,978	$ 5,026,593	$ 5,775,558	$ 5,361,170
Incentives | Commercial Custom	$ 473,579	$ 1,063,612	$ 1,049,607	$ 1,260,057	$ 660,787	$ 444,758	$ 318,654	$ 303,581	$ 267,322	$ 184,463
Incentives | Commercial Lighting	$ 679,269	$ 1,865,703	$ 3,061,622	$ 4,038,923	$ 2,657,036	$ 2,037,161	$ 1,674,418	$ 1,631,485	$ 1,490,232	$ 1,177,811
Incentives | Commercial Cooking and Appliances	$ 283,944	$ 367,091	$ 358,702	$ 296,494	$ 173,247	$ 87,044	$ 40,465	$ 21,885	$ 13,666	$ 8,204
Incentives | Residential Appliance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 28,500	$ 10,353	$ 3,732
Incentives | Residential Energy Feedback	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incentives | Residential Envelope	$ 3,006,430	$ 3,375,376	$ 3,234,941	$ 2,592,253	$ 1,836,460	$ 1,317,166	$ 952,261	$ 799,712	$ 631,362	$ 579,222
Incentives | Residential Hot Water	$ 221,259	$ 266,132	$ 266,011	$ 208,593	$ 132,674	$ 81,389	$ 48,065	$ 41,300	$ 27,713	$ 26,910
Incentives | Residential HVAC	$ 2,360,450	$ 2,645,104	$ 2,561,881	$ 2,105,295	$ 1,516,048	$ 1,023,444	$ 655,975	$ 434,652	$ 278,013	$ 211,582
Incentives | Residential Lighting	$ 2,288,289	$ 2,411,878	$ 2,042,270	$ 1,365,568	$ 824,850	$ 587,399	$ 446,735	$ 445,526	$ 368,493	$ 370,623
Program Admin | C&I Motors and Drives	$ 3,180,205	$ 3,268,297	$ 3,358,829	$ 3,451,868	$ 3,547,485	$ 3,645,750	$ 3,746,738	$ 3,850,522	$ 3,957,182	$ 4,066,796
Program Admin | Commercial Cooling	$ 73,614	$ 75,653	$ 77,748	$ 79,902	$ 82,115	$ 84,390	$ 86,727	$ 89,130	$ 91,599	$ 94,136
Program Admin | Commercial Custom	$ 1,645,727	$ 1,691,313	$ 1,738,163	$ 1,786,310	$ 1,835,791	$ 1,886,642	$ 1,938,902	$ 1,992,609	$ 2,047,805	$ 2,104,529
Program Admin | Commercial Lighting	$ 1,231,098	$ 1,265,199	$ 1,300,245	$ 1,336,262	$ 1,373,277	$ 1,411,316	$ 1,450,410	$ 1,490,586	$ 1,531,876	$ 1,574,309
Program Admin | Commercial Cooking and Appliances	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Program Admin | Residential Appliance	$ 13,774	$ 14,156	$ 14,548	$ 14,951	$ 15,365	$ 15,790	$ 16,228	$ 16,677	$ 17,139	$ 17,614
Program Admin | Residential Energy Feedback	$ 297,938	$ 306,191	$ 314,672	$ 323,388	$ 332,346	$ 341,552	$ 351,013	$ 360,736	$ 370,729	$ 380,998
Program Admin | Residential Envelope	$ 551,935	$ 567,224	$ 582,936	$ 599,083	$ 615,678	$ 632,732	$ 650,259	$ 668,271	$ 686,782	$ 705,806
Program Admin | Residential Hot Water	$ 315,631	$ 324,374	$ 333,360	$ 342,594	$ 352,083	$ 361,836	$ 371,859	$ 382,160	$ 392,745	$ 403,624
Program Admin | Residential HVAC	$ 644,159	$ 662,002	$ 680,340	$ 699,185	$ 718,553	$ 738,456	$ 758,912	$ 779,934	$ 801,538	$ 823,740
Program Admin | Residential Lighting	$ 1,491,356	$ 1,532,666	$ 1,575,121	$ 1,618,752	$ 1,663,592	$ 1,709,673	$ 1,757,031	$ 1,805,701	$ 1,855,719	$ 1,907,122
Program Total | C&I Motors and Drives	$ 6,435,159	$ 7,145,526	$ 7,211,993	$ 6,474,142	$ 5,366,783	$ 4,512,057	$ 4,100,071	$ 3,983,905	$ 4,005,953	$ 4,084,417
Program Total | Commercial Cooling	$ 2,003,469	$ 2,944,164	$ 3,170,517	$ 3,290,657	$ 2,552,619	$ 2,088,144	$ 1,754,705	$ 5,115,723	$ 5,867,156	$ 5,455,306
Program Total | Commercial Custom	$ 2,119,306	$ 2,754,925	$ 2,787,770	$ 3,046,366	$ 2,496,578	$ 2,331,400	$ 2,257,556	$ 2,296,190	$ 2,315,127	$ 2,288,992
Program Total | Commercial Lighting	$ 1,910,367	$ 3,130,902	$ 4,361,868	$ 5,375,186	$ 4,030,312	$ 3,448,477	$ 3,124,828	$ 3,122,071	$ 3,022,107	$ 2,752,119
Program Total | Commercial Cooking and Appliances	$ 283,944	$ 367,091	$ 358,702	$ 296,494	$ 173,247	$ 87,044	$ 40,465	$ 21,885	$ 13,666	$ 8,204
Program Total | Residential Appliance	$ 13,774	$ 14,156	$ 14,548	$ 14,951	$ 15,365	$ 15,790	$ 16,228	$ 45,177	$ 27,492	$ 21,346
Program Total | Residential Energy Feedback	$ 297,938	$ 306,191	$ 314,672	$ 323,388	$ 332,346	$ 341,552	$ 351,013	$ 360,736	$ 370,729	$ 380,998
Program Total | Residential Envelope	$ 3,558,365	$ 3,942,599	$ 3,817,877	$ 3,191,336	$ 2,452,137	$ 1,949,898	$ 1,602,519	$ 1,467,982	$ 1,318,143	$ 1,285,028
Program Total | Residential Hot Water	$ 536,891	$ 590,506	$ 599,370	$ 551,187	$ 484,757	$ 443,225	$ 419,924	$ 423,460	$ 420,459	$ 430,534
Program Total | Residential HVAC	$ 3,004,609	$ 3,307,107	$ 3,242,220	$ 2,804,480	$ 2,234,601	$ 1,761,900	$ 1,414,886	$ 1,214,585	$ 1,079,550	$ 1,035,322
Program Total | Residential Lighting	$ 3,779,645	$ 3,944,544	$ 3,617,391	$ 2,984,320	$ 2,488,441	$ 2,297,072	$ 2,203,766	$ 2,251,227	$ 2,224,212	$ 2,277,745
Total Program Admin	$ 9,445,437	$ 9,707,075	$ 9,975,961	$ 10,252,295	$ 10,536,284	$ 10,828,139	$ 11,128,078	$ 11,436,326	$ 11,753,112	$ 12,078,674
Portfolio Admin	$ 433,321	$ 445,324	$ 457,660	$ 470,337	$ 483,365	$ 496,755	$ 510,515	$ 524,656	$ 539,189	$ 554,125
Total Incentives	$ 14,498,029	$ 18,740,636	$ 19,520,967	$ 18,100,211	$ 12,090,903	$ 8,448,422	$ 6,157,884	$ 8,866,616	$ 8,911,482	$ 7,941,338
Total Admin	$ 9,878,758	$ 10,152,400	$ 10,433,621	$ 10,722,633	$ 11,019,649	$ 11,324,894	$ 11,638,593	$ 11,960,982	$ 12,292,302	$ 12,632,798
Portfolio Total	$ 24,376,787	$ 28,893,035	$ 29,954,588	$ 28,822,844	$ 23,110,552	$ 19,773,316	$ 17,796,477	$ 20,827,598	$ 21,203,784	$ 20,574,136

ATTACHMENT C: Results Figures and Tables - Reference Scenario

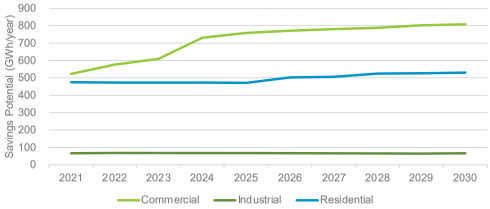
Electric Energy Technical Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	842	69	750
2021	854	69	740
2022	914	69	739
2023	952	69	738
2024	1,000	68	736
2025	1,018	68	736
2026	1,029	68	739
2027	1,037	68	743
2028	1,046	67	749
2029	1,053	67	753
2030	1,056	67	757

Savings Potential (GWh/year)



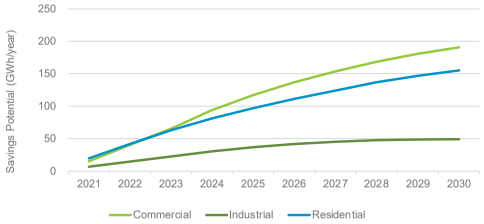
Electric Energy Economic Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	499	68	481
2021	524	68	475
2022	576	68	474
2023	610	67	474
2024	731	67	473
2025	759	67	473
2026	771	67	503
2027	780	67	506
2028	789	66	524
2029	802	66	527
2030	809	67	531

Savings Potential (GWh/year)



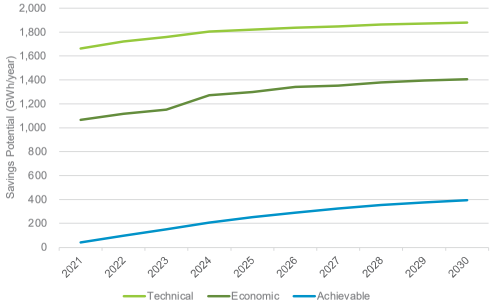
Electric Energy Achievable Potential by Sector (GWh/year)			
	Commercial	Industrial	Residential
2020	0	0	0
2021	16	7	20
2022	40	15	42
2023	65	23	63
2024	94	31	81
2025	117	37	97
2026	137	42	111
2027	154	45	124
2028	168	47	137
2029	181	49	147
2030	191	50	155

Savings Potential (GWh/year)



Total Electric Energy Potential by Potential Type (GWh/year)			
	Technical	Economic	Achievable
2020	1,661	1,048	0
2021	1,663	1,066	42
2022	1,722	1,118	97
2023	1,759	1,151	151
2024	1,805	1,271	206
2025	1,822	1,299	251
2026	1,837	1,341	290
2027	1,848	1,353	323
2028	1,863	1,379	352
2029	1,873	1,396	376
2030	1,880	1,406	396

Savings Potential (GWh/year)



Natural Gas Technical Potential by End Use (MMbtu/year)

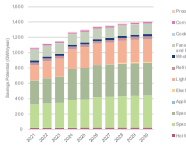
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	66	64	63	61	60	58	57	55	53	51	50
Space Cooling	363	391	416	415	438	435	453	461	465	475	485
Space Heating and Cooling	615	611	606	603	648	650	653	655	658	660	661
Appliances	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Electronics	22	16	13	13	16	13	13	16	16	13	13
Lighting	202	235	247	263	280	297	313	267	331	335	367
Refrigeration	39	39	41	43	45	47	49	51	53	55	57
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps	203	239	264	267	292	293	303	293	293	293	303
Cooking	3	3	4	4	4	4	5	5	5	5	5
Compressed Air	21	21	21	20	20	20	20	20	20	20	20
Process Cooling	6	6	6	6	6	6	6	6	6	6	6

Savings Potential (MMbtu/year)

Natural Gas Economic Potential by End Use (MMbtu/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	20	20	21	21	22	22	22	23	23	23	23
Space Cooling	300	324	344	344	365	365	365	365	365	365	365
Space Heating and Cooling	314	314	311	342	407	412	417	419	420	420	427
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	193	198	230	216	234	270	274	263	297	291	263
Refrigeration	29	29	31	30	30	31	31	31	32	32	32
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps	140	139	136	128	137	136	126	126	134	134	127
Cooking	2	2	2	2	2	2	2	2	2	2	2
Compressed Air	21	21	21	20	20	20	20	20	20	20	20
Process Cooling	6	6	6	6	6	6	6	6	6	6	6

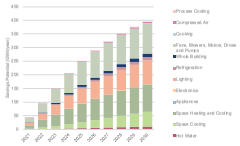
Savings Potential (MMbtu/year)



Natural Gas Achievable Potential by End Use (MMbtu/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	0	1	2	3	4	5	6	8	9	10
Space Cooling	0	2	6	10	14	21	28	36	42	49	54
Space Heating and Cooling	0	13	28	45	57	69	76	86	92	97	101
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	1	1	1
Lighting	0	6	23	36	47	55	63	69	75	81	86
Refrigeration	0	0	1	2	3	4	5	6	8	9	10
Whole Building	0	1	3	4	5	6	8	10	11	12	13
Fans, Blowers, Motors, Drives and Pumps	0	16	33	52	70	84	95	102	107	109	111
Cooking	0	0	0	0	0	0	0	0	0	0	1
Compressed Air	0	0	1	1	2	3	3	4	4	5	5
Process Cooling	0	0	0	1	1	1	1	1	2	2	2

Savings Potential (MMbtu/year)



Natural Electric Energy Technical Potential by End Use (GWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	38	38	38	38	38	38	38	38	38	38	38
Space Cooling	312	336	357	356	376	374	389	396	399	408	416
Space Heating and Cooling	312	336	357	356	376	374	389	396	399	408	416
Appliances	11	11	11	11	11	11	11	11	11	11	12
Electronics	15	15	15	15	15	15	15	15	15	15	15
Lighting	3	3	3	3	3	3	3	3	3	3	3
Refrigeration	2	2	2	2	2	2	2	2	2	2	2
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps											
Cooking											
Compressed Air											
Process Cooling											

Savings Potential (GWh/year)

Natural Electric Energy Economic Potential by End Use (GWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	14	14	14	14	14	14	14	14	14	14	14
Space Cooling	300	324	344	344	365	365	365	365	365	365	365
Space Heating and Cooling	300	324	344	344	365	365	365	365	365	365	365
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	62	64	64	63	63	63	63	63	63	63	63
Refrigeration	2	2	2	2	2	2	2	2	2	2	2
Whole Building	27	27	27	27	27	27	27	27	27	27	27
Fans, Blowers, Motors, Drives and Pumps											
Cooking											
Compressed Air											
Process Cooling											

Savings Potential (GWh/year)

Natural Electric Energy Achievable Potential by End Use (GWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	0	1	1	2	2	3	4	5	5	6
Space Cooling	0	2	6	10	14	21	28	36	42	49	54
Space Heating and Cooling	0	13	28	45	57	69	76	86	92	97	101
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	1	1	1
Lighting	0	3	11	19	26	34	40	46	50	55	60
Refrigeration	0	0	1	1	2	2	3	3	4	4	5
Whole Building	0	1	3	4	5	6	8	10	11	12	13
Fans, Blowers, Motors, Drives and Pumps	0	9	20	30	41	49	56	60	62	64	65
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	0.2805480	0.5846636	0.9176011	1.4129183	1.8607122	2.3309163	2.7706964	3.0196305	3.2484681	3.4156798
Process Cooling	0	0.0508111	0.2246121	0.5705206	0.6436189	0.7176366	0.8189455	1.0414126	1.1962715	1.2294135	1.3172677

Savings Potential (GWh/year)

Natural Electric Energy Technical Potential by End Use (GWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	2	2	3	3	3	3	3	3	3	3	3
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	58	56	55	56	56	56	57	57	57	56	56
Cooking											
Compressed Air	6	6	6	6	6	6	6	6	6	6	6
Process Cooling	2	1	1	1	1	1	1	1	1	1	1

Savings Potential (GWh/year)

Natural Electric Energy Economic Potential by End Use (GWh/year)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	2	2	3	3	3	3	3	3	3	3	3
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	58	56	57	57	57	57	56	56	56	55	56
Cooking											
Compressed Air	6	6	6	6	6	6	6	6	6	6	6
Process Cooling	2	1	1	1	1	1	1	1	1	1	1

Savings Potential (GWh/year)

Natural Electric Energy Achievable Potential by End Use (GWh/year)

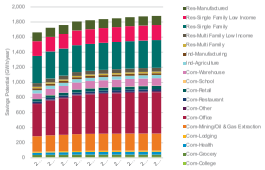
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water											
Space Cooling											
Space Heating and Cooling											
Appliances											
Electronics											
Lighting	0	0.1916942	0.4131136	0.6028947	0.8404358	0.9860935	1.1129145	1.2432322	1.3487059	1.4174675	1.5484165
Refrigeration											
Whole Building											
Fans, Blowers, Motors, Drives and Pumps	0	6	14	22	29	35	39	42	44	45	46
Cooking											
Compressed Air	0	0	0	0	1	1	1	1	1	1	2
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Savings Potential (GWh/year)

Electric Energy Technical Potential by Year - Top 10 Sectors - Base Case

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	9	10	10	11	11	11	12	12	12	12	12
Com-Grocery	28	29	29	30	30	30	30	30	30	30	30
Com-Health	29	29	32	38	35	36	37	37	37	38	38
Com-Lodging	13	13	14	15	15	16	16	16	16	16	16
Com-MiningOil & Gas Extraction	198	206	213	217	225	225	226	226	227	227	227
Com-Office	424	427	492	494	512	522	529	535	543	544	548
Com-Other	12	12	13	14	14	15	15	15	15	15	15
Com-Restaurant	30	31	34	36	36	39	40	41	41	42	42
Com-Retail	30	31	34	36	36	39	40	41	41	42	42
Com-School	2	2	2	3	3	3	3	3	3	3	3
Com-Warehouse	73	74	81	86	92	94	96	97	98	99	100
Ind-Agriculture	44	44	43	40	43	43	43	43	42	42	42
Ind-Manufacturing	25	25	25	25	26	25	25	25	25	25	25
Res-Multi Family	19	19	19	19	19	19	19	19	19	19	19
Res-Multi Family Low Income	359	359	359	359	359	359	359	359	359	359	359
Res-Single Family	364	360	359	358	358	357	359	361	363	365	366
Res-Single Family Low Income	197	195	194	194	196	194	195	196	197	198	199
Res-Manufactured	119	117	117	117	117	117	117	118	119	119	120

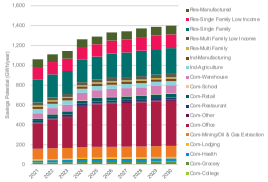
Savings Potential (GWh/year)



Electric Energy Economic Potential by Year - Top 10 Sectors - Base Case

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	6	6	6	7	9	10	10	10	10	10	10
Com-Grocery	19	22	23	24	25	25	25	25	25	29	29
Com-Health	20	20	23	29	30	32	32	33	33	34	34
Com-Lodging	9	9	10	11	12	12	12	13	13	14	14
Com-MiningOil & Gas Extra	106	107	108	109	109	109	109	109	109	109	111
Com-Office	246	267	291	312	405	427	435	440	446	461	463
Com-Other	6	6	7	8	10	10	10	11	11	11	11
Com-Restaurant	18	19	21	23	28	31	32	33	34	37	37
Com-Retail	20	23	27	28	32	35	34	35	35	37	37
Com-School	1	1	1	1	2	2	2	2	2	2	2
Com-Warehouse	51	54	61	66	75	76	80	82	83	84	85
Ind-Agriculture	43	43	43	43	43	42	42	42	42	42	42
Ind-Manufacturing	24	24	25	25	25	25	25	25	25	24	25
Res-Multi Family	11	11	11	11	11	11	12	12	13	13	13
Res-Multi Family Low Income	202	202	202	202	202	202	202	202	202	202	202
Res-Single Family	205	202	202	202	201	201	246	248	248	248	249
Res-Single Family Low Inco	126	125	124	124	124	124	131	132	137	138	139
Res-Manufactured	78	77	77	77	77	77	81	82	84	85	85

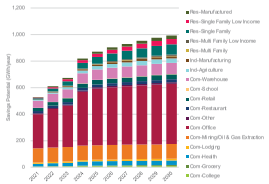
Savings Potential (GWh/year)



Electric Energy Achievable Potential by Year - Top 10 Sectors - Base Case

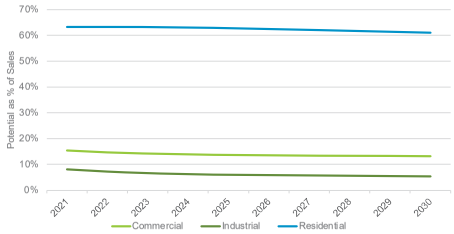
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	0	0	0	0	1	1	1	1	1	1	1
Com-Grocery	0	0	1	2	3	4	5	6	6	7	7
Com-Health	0	0	1	2	3	4	5	6	6	7	7
Com-Lodging	0	0	0	1	1	1	2	2	2	2	2
Com-MiningOil & Gas E	0	10	21	33	45	54	62	67	70	72	75
Com-Office	0	2	9	15	23	30	36	42	48	54	58
Com-Other	0	0	0	1	1	1	1	2	2	2	2
Com-Restaurant	0	0	1	2	3	4	5	6	6	7	8
Com-Retail	0	0	2	3	4	5	6	7	7	8	9
Com-School	0	0	0	0	0	0	0	0	0	0	0
Com-Warehouse	0	1	4	7	10	13	15	17	19	21	23
Ind-Agriculture	0	5	10	15	21	25	28	31	32	33	38
Ind-Manufacturing	0	2	5	7	10	12	14	15	15	16	16
Res-Multi Family	0	0	1	1	2	2	2	3	3	3	4
Res-Multi Family Low In	0	0	1	2	3	4	5	6	6	7	8
Res-Single Family	0	10	22	33	42	50	57	63	69	73	76
Res-Single Family Low I	0	5	10	16	20	24	28	31	35	37	40
Res-Manufactured	0	3	6	10	13	15	18	20	22	24	26

Savings Potential (GWh/year)



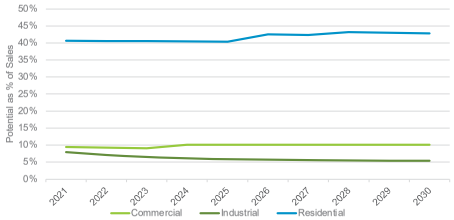
Electric Energy Technical Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	23.5%	16.4%	9.0%	63.4%
2021	22.0%	15.4%	8.1%	63.4%
2022	20.6%	14.6%	7.2%	63.3%
2023	19.8%	14.2%	6.7%	63.1%
2024	18.9%	13.8%	6.2%	63.0%
2025	18.6%	13.6%	6.0%	62.9%
2026	18.4%	13.5%	5.8%	62.5%
2027	18.3%	13.4%	5.7%	62.2%
2028	18.1%	13.3%	5.6%	61.7%
2029	18.0%	13.2%	5.5%	61.4%
2030	17.9%	13.2%	5.4%	61.1%

Potential as % of Sales



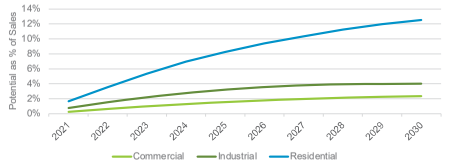
Electric Energy Economic Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	14.8%	9.7%	8.9%	40.6%
2021	14.1%	9.4%	7.9%	40.6%
2022	13.4%	9.2%	7.1%	40.6%
2023	13.0%	9.1%	6.6%	40.5%
2024	13.3%	10.1%	6.1%	40.5%
2025	13.3%	10.2%	5.9%	40.4%
2026	13.4%	10.1%	5.7%	42.5%
2027	13.4%	10.1%	5.6%	42.3%
2028	13.4%	10.0%	5.5%	43.2%
2029	13.4%	10.1%	5.4%	43.0%
2030	13.4%	10.1%	5.4%	42.8%

Potential as % of Sales



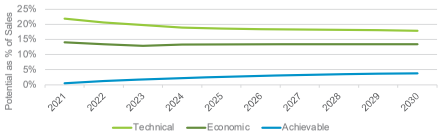
Electric Energy Achievable Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	0.0%	0.0%	0.0%	0.0%
2021	0.6%	0.3%	0.8%	1.7%
2022	1.2%	0.6%	1.5%	3.6%
2023	1.7%	1.0%	2.2%	5.4%
2024	2.2%	1.3%	2.7%	6.9%
2025	2.6%	1.6%	3.2%	8.3%
2026	2.9%	1.8%	3.6%	9.4%
2027	3.2%	2.0%	3.8%	10.4%
2028	3.4%	2.1%	3.9%	11.3%
2029	3.6%	2.3%	4.0%	12.0%
2030	3.8%	2.4%	4.0%	12.5%

Potential as % of Sales



Electric Energy Potential by Potential Type as a Percent of Total Sales (%)			
	Technical	Economic	Achievable
2020	23.5%	14.8%	0.0%
2021	22.0%	14.1%	0.6%
2022	20.6%	13.4%	1.2%
2023	19.8%	13.0%	1.7%
2024	18.9%	13.3%	2.2%
2025	18.6%	13.3%	2.6%
2026	18.4%	13.4%	2.9%
2027	18.3%	13.4%	3.2%
2028	18.1%	13.4%	3.4%
2029	18.0%	13.4%	3.6%
2030	17.9%	13.4%	3.8%

Potential as % of Sales



Rank	Measure	Lost value (CO2e $)	Costs before PV of net $	Cumulative PV of net $
1	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
2	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
3	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
4	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
5	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
6	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
7	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
8	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
9	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
10	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
11	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
12	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
13	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
14	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
15	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
16	N-E: Rtn. Air Leaks (Drain) (1-NEW)	$ 0.00	$ 0.00	$ 0.00
17	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
18	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
19	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
20	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
21	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
22	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
23	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
24	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
25	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
26	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
27	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
28	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
29	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
30	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
31	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
32	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
33	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
34	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
35	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
36	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
37	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
38	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
39	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
40	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
41	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
42	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
43	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
44	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
45	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
46	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
47	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
48	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
49	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
50	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
51	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
52	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
53	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
54	ENERGY STAR Com ne cial Dishwa sher (1-NEW)	$ 0.00	$ 0.00	$ 0.00
55	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
56	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
57	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
58	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
59	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
60	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
61	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
62	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
63	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
64	Air-to-Ground Hea ter Zone 3 (1-NEW)	$ 0.00	$ 0.00	$ 0.00
65	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
66	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
67	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
68	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
69	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
70	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
71	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
72	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
73	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
74	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
75	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
76	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
77	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
78	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
79	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
80	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
81	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
82	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
83	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
84	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
85	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
86	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
87	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
88	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
89	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
90	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
91	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
92	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
93	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
94	ECM mot ors fo ra ction and auxi lia ry ciers a and heat ra (1-NEW)	$ 0.00	$ 0.00	$ 0.00
95	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
96	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
97	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
98	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
99	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
100	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
101	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
102	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
103	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
104	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
105	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
106	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
107	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
108	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
109	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
110	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
111	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
112	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
113	Rte.s: Low-flow Shower Heads (1-NEW)	$ 0.00	$ 0.00	$ 0.00
114	Rte.s: Low-flow Shower Heads (1-NEW)	$ 0.00	$ 0.00	$ 0.00
115	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
116	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
117	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
118	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
119	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
120	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
121	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
122	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
123	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
124	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
125	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
126	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
127	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
128	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
129	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
130	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
131	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
132	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
133	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
134	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
135	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
136	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
137	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
138	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
139	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
140	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
141	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
142	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
143	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
144	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
145	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
146	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
147	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
148	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
149	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
150	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
151	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
152	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
153	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
154	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
155	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
156	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
157	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
158	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
159	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
160	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
161	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
162	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
163	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
164	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
165	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
166	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
167	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
168	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
169	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
170	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
171	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
172	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
173	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
174	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
175	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
176	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
177	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
178	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
179	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
180	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
181	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
182	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
183	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
184	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
185	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
186	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
187	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
188	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
189	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
190	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
191	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
192	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
193	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
194	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
195	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
196	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
197	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
198	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
199	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
200	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
201	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
202	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
203	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
204	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
205	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
206	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
207	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
208	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
209	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
210	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
211	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
212	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
213	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
214	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
215	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
216	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
217	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
218	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
219	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
220	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
221	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
222	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
223	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
224	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
225	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
226	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
227	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
228	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
229	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
230	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
231	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
232	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
233	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
234	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
235	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
236	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
237	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
238	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
239	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
240	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
241	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
242	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
243	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
244	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
245	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00
246	Co.m - Clean-burn mode (1-NEW)	$ 0.00	$ 0.00	$ 0.00

Rank	Measure	Lost value (CO2e $)	Costs before PV of net $	Cumulative PV of net $
1	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
2	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
3	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
4	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
5	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
6	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
7	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
8	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
9	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
10	Rte.s: Evaporator Cooling - 1-100% dp pitot/abs. (1-NEW)	$ 0.00	$ 0.00	$ 0.00
11	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
12	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
13	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
14	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
15	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
16	N-E: Rtn. Air Leaks (Drain) (1-NEW)	$ 0.00	$ 0.00	$ 0.00
17	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
18	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
19	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
20	Co.m - Pre-rinse Spray Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
21	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
22	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
23	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
24	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
25	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
26	Prog.mmt mab fo The mt-outst - Space Heating - 41+ HC (1-NEW)	$ 0.00	$ 0.00	$ 0.00
27	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
28	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
29	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
30	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$ 0.00	$ 0.00
31	Co.m - Low-flow Pre-rinse Valves (1-NEW)	$ 0.00	$

	Measure	Lge stock Cost (USD)	Costs Sale Price (USD)
246	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
247	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
248	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
249	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
250	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
251	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
252	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
253	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
254	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
255	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
256	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
257	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
258	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
259	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
260	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
261	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
262	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
263	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
264	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
265	Re-s - Lux-ed Pre-shaped A	0.0.0.0	0.0.0.0000.00
266	Re-s - Lux-ed Pre-shaped A	0.0.0.0	0.0.0.0000.00
267	Re-s - Lux-ed Pre-shaped A	0.0.0.0	0.0.0.0000.00
268	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
269	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
270	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
271	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
272	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
273	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
274	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
275	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
276	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
277	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
278	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
279	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
280	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
281	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
282	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
283	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
284	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
285	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
286	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
287	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
288	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
289	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
290	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
291	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
292	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
293	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
294	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
295	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
296	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
297	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
298	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
299	Cu-m - Interior LED Lamp -	0.0.0.0	0.0.0.0000.00
300	Cu-m - LED Rope wired - Cas	0.0.0.0	0.0.0.0000.00
301	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
302	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
303	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
304	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
305	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
306	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
307	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
308	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
309	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
310	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
311	Cu-m - Custom cooling (NEW	0.0.0.0	0.0.0.0000.00
312	Cu-m - Interior Lime Lamp -	0.0.0.0	0.0.0.0000.00
313	Cu-m - Interior Lime Lamp -	0.0.0.0	0.0.0.0000.00
314	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
315	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
316	Cu-m - Dicca-pancy Elev-tors	0.0.0.0	0.0.0.0000.00
317	Cu-m - Dicca-pancy Elev-tors	0.0.0.0	0.0.0.0000.00
318	Cu-m - Interior Lime Lamp -	0.0.0.0	0.0.0.0000.00
319	Cu-m - Interior Lime Lamp -	0.0.0.0	0.0.0.0000.00
320	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
321	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
322	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
323	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
324	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
325	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
326	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
327	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
328	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
329	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
330	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
331	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
332	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
333	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
334	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
335	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
336	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
337	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
338	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
339	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
340	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
341	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
342	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
343	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
344	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
345	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
346	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
347	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
348	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
349	Re-s - Lux-ed LEDs - Space	0.0.0.0	0.0.0.0000.00
350	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
351	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
352	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
353	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
354	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
355	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
356	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
357	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
358	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
359	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
360	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
361	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
362	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
363	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
364	Re-s - Interior LED Rope	0.0.0.0	0.0.0.0000.00
365	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
366	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
367	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
368	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
369	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
370	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
371	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
372	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
373	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
374	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
375	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
376	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
377	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
378	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
379	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
380	Cu-m - Interior LED Rope	0.0.0.0	0.0.0.0000.00
381	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
382	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
383	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
384	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
385	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
386	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
387	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
388	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
389	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
390	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
391	Cu-m - Custom Light ing (NEW	0.0.0.0	0.0.0.0000.00
392	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
393	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
394	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
395	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
396	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
397	In-s - LED Lighting - North	0.0.0.0	0.0.0.0000.00
398	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
399	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
400	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
401	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
402	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
403	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
404	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
405	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
406	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
407	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
408	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
409	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
410	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
411	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
412	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
413	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
414	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
415	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
416	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
417	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
418	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
419	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
420	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
421	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
422	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
423	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
424	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
425	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
426	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
427	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
428	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
429	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
430	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
431	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
432	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
433	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
434	Re-s - Group # Terminal	0.0.0.0	0.0.0.0000.00
435	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
436	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
437	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
438	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
439	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
440	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
441	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
442	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
443	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
444	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
445	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
446	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
447	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
448	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
449	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
450	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
451	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
452	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
453	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
454	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
455	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
456	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
457	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
458	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
459	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
460	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
461	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
462	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
463	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
464	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
465	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
466	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
467	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
468	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
469	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
470	Re-s - Light ing Co-ntrols -	0.0.0.0	0.0.0.0000.00
471	Cu-m - Room Air Conditio nent	0.0.0.0	0.0.0.0000.00
472	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
473	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
474	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
475	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
476	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
477	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
478	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
479	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
480	Re-s - LED Lighting - Green	0.0.0.0	0.0.0.0000.00
481	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
482	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
483	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
484	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
485	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
486	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
487	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
488	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00
489	Re-s - ENERGY STAR Windows - Space Heating - GH + EC	0.0.0.0	0.0.0.0000.00

	Measure	Lge stock Cost (USD)	Costs Sale Price (USD)
490	Cu-m - Dicca-pancy Elev-tors	0.0.0.0	0.0.0.0000.00
491	Cu-m - Dicca-pancy Elev-tors	0.0.0.0	0.0.0.0000.00
492	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
493	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
494	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
495	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
496	Cu-m - Interior Lime Lamp	0.0.0.0	0.0.0.0000.00
497	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
498	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
499	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
500	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
501	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
502	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
503	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
504	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
505	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
506	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
507	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
508	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
509	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
510	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
511	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
512	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
513	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
514	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
515	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
516	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
517	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
518	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
519	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
520	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
521	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
522	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
523	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
524	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
525	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
526	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
527	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
528	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
529	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
530	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
531	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
532	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
533	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
534	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
535	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
536	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
537	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
538	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
539	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
540	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
541	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
542	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
543	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
544	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
545	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
546	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
547	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
548	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
549	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
550	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
551	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
552	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
553	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
554	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
555	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
556	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
557	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
558	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
559	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
560	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
561	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
562	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
563	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
564	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
565	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
566	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
567	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
568	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
569	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
570	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
571	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
572	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
573	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
574	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
575	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
576	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
577	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
578	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
579	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
580	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
581	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
582	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
583	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
584	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
585	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
586	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
587	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
588	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.00
589	Cu-m - Pre-shaped Terminal	0.0.0.0	0.0.0.0000.

	Measure	Low value of Cost (1 ASHP)	Cost-effective Cost (1 ASHP)
480	Rte.s - ENERGY STAR Windows - Space Heating - GH + EC	$0.00	7,513.00
481	Rte.s - ENERGY STAR Windows - Space Heating - GH + EC	$0.00	7,513.00
482	Rte.s - ENERGY STAR Windows - Space Heating - GH + EC	$0.00	7,513.00
483	Rte.s - ENERGY STAR Windows - Space Heating - GH + EC	$0.00	7,513.00
484	Rte.s - LED Rtl Rpl-stand Clare Lg Wtrg	$0.00	7,513.00
485	Rte.s - LED Rtl Rpl-stand Clare Lg Wtrg	$0.00	7,513.00
486	Rte.s - LED Rtl Rpl-stand Clare Lg Wtrg	$0.00	7,513.00
487	Rte.s - Air Cu rep-wsor Option qty two	$0.00	7,513.00
488	Rte.s - Air Cu rep-wsor Option qty two	$0.00	7,513.00
489	Rte.s - Air Cu rep-wsor Option qty two	$0.00	7,513.00
490	Rte.s - Air Cu rep-wsor Option qty two	$0.00	7,513.00
491	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
492	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
493	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
494	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
495	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
496	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
497	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
498	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
499	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
500	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
501	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
502	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
503	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
504	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
505	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
506	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
507	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
508	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
509	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
510	Rte.s - Solar sys. Lighting. Combs to (RET C). Other wires ex (Ind	$0.00	7,513.00
511	Rte.s - Intelis Lig Ring Co stem. ocoup ancoiks ziqkt ex mom. (RET C). Ifhe wires ex	$0.00	7,513.00
512	Rte.s - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Other	$0.00	7,513.00
513	Rte.s - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe	$0.00	7,513.00
514	Rte.s - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe	$0.00	7,513.00
515	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
516	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
517	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
518	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + EC	$0.00	7,513.00
519	Rte.s - Sma WWR Plugs - 100 % ply ac ptable (REIT (R. Mem dlacts ind.	$0.00	7,513.00
520	Rte.s - Sma WWR Plugs - 100 % ply ac ptable (REIT (R. Mem dlacts ind.	$0.00	7,513.00
521	Rte.s - Sma WWR Plugs - 100 % ply ac ptable (REIT (R. Mem Fam by Low Income	$0.00	7,513.00
522	Rte.s - Sma WWR Plugs - 100 % ply ac ptable (REIT (R. Mem Fam by Low Income	$0.00	7,513.00
523	Rte.s - Sma WWR Plugs - 100 % ply ac ptable (REIT (R. Mem Fam by Low Income	$0.00	7,513.00
524	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
525	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
526	Rte.s - Air Conditio nes (REIT C). Fhdbs (ind	$0.00	7,513.00
527	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
528	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
529	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
530	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Cotte ge (Ind	$0.00	7,513.00
531	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). (Ind	$0.00	7,513.00
532	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Dsmg (Ind	$0.00	7,513.00
533	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Dsmg (Ind	$0.00	7,513.00
534	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Dsmg (Ind	$0.00	7,513.00
535	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Fhsd ware ex (Ind	$0.00	7,513.00
536	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Sctwo ix (Ind	$0.00	7,513.00
537	Co ns - Dsmg and Cond sation Vsi ntilation - Cons ere ocal Kitchen ns (REIT C). Ifhe wires ex (Ind	$0.00	7,513.00
538	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Mem dlacts ind.	$0.00	7,513.00
539	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Mult Fam by Low Income	$0.00	7,513.00
540	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Mult Fam by Low Income	$0.00	7,513.00
541	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Single Fam by Low Income	$0.00	7,513.00
542	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Sfm gle-Family Low Income	$0.00	7,513.00
543	Rte.s - Dsuche ns Mm / Sp & Heat Pum ps - Sp ace Hea ting - SH + EC (HEIR (R. Sfm gle-Family Low Income	$0.00	7,513.00
544	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
545	Rte.s - Intelis Lig Ring Co stem. ocoup ancoiks ziqkt ex mom. (REIT C). (Ind	$0.00	7,513.00
546	Rte.s - Water Evacua Heat Pum s (RIDB C). Lin dging (Ind	$0.00	7,513.00
547	Co ns - Room Air Conditio nes (REIT C). Cottage (Ind	$0.00	7,513.00
548	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires ex	$0.00	7,513.00
549	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Rtelle ster	$0.00	7,513.00
550	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires ex	$0.00	7,513.00
551	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Rtelle ster (Ind	$0.00	7,513.00
552	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Of ambi sonic (Ind	$0.00	7,513.00
553	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Ifhe wires ex	$0.00	7,513.00
554	Rte.s - Air Conditio nes (REIT C). Health (Ind	$0.00	7,513.00
555	Co ns - Solar sys. Lighting. Combs to (REIT C). Rtelle (Ind	$0.00	7,513.00
556	Rte.s - Intelis Lig Ring Co stem. ocoup ancoiks ziqkt ex mom. (REIT C). (Rtelle (Ind	$0.00	7,513.00
557	Rte.s - Air Conditio nes (REIT C). Office (Ind	$0.00	7,513.00
558	Rte.s - Air Conditio nes (REIT C). Ifhe wires ex (Ind	$0.00	7,513.00
559	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + EC (REIT (R. Mem dlacts ind.	$0.00	7,513.00
560	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + EC (REIT (R. Mult Fam by Low Income	$0.00	7,513.00
561	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + EC (REIT (R. Mult Fam by Low Income	$0.00	7,513.00
562	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + EC (REIT (R. Sfm gle-Family Low Income	$0.00	7,513.00
563	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + EC (REIT (R. Sfm gle-Family Low Income	$0.00	7,513.00
564	Co ns - Intelis Heters & Cone ucted LED Fixtures (RIDB C). Health (Ind	$0.00	7,513.00
565	Co ns - Intelis Heters & Cone ucted LED Fixtures (RIDB C). Ehealth (Ind	$0.00	7,513.00
566	Co ns - Intelis Heters & Cone ucted LED Fixtures (RIDB C). Health (Ind	$0.00	7,513.00
567	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Lodg ing (Ind	$0.00	7,513.00
568	Co ns - Direct Evaporative Pre-Cooling (NBIR C). Lodg ing (Ind	$0.00	7,513.00
569	Co ns - Direct Evaporative Pre-Cooling (NBIR C). Lodg ing (Ind	$0.00	7,513.00
570	Co ns - Air Conditio nes (REIT C). Other (Ind	$0.00	7,513.00
571	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Cottage (Ind	$0.00	7,513.00
572	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Dine ers (Ind	$0.00	7,513.00
573	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Health (Ind	$0.00	7,513.00
574	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Lod ging (Ind	$0.00	7,513.00
575	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Mem gbrlk & Gas Extraction (Ind	$0.00	7,513.00
576	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Rtelle (Ind	$0.00	7,513.00
577	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Other (Ind	$0.00	7,513.00
578	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Residac tent (Ind	$0.00	7,513.00
579	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). Rtelle (Ind	$0.00	7,513.00
580	Co ns - New Construction - Lig Ring Power Dens ity (NBIR C). School (Ind	$0.00	7,513.00
581	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
582	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
583	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
584	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
585	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
586	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
587	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
588	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
589	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
590	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
591	Rte.s - High Efficiency ACSHP Sy stem ent < 17.5 KBtR - 100 % ptable (Ind	$0.00	7,513.00
592	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Of fice (Ind	$0.00	7,513.00
593	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (RIDB C). Off ice (Ind	$0.00	7,513.00
594	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (RIDB C). Ifhe wires (Ind	$0.00	7,513.00
595	Rte.s - Water Sk ater Heat Pum s (RIDB C). Ifhe wires ex (Ind	$0.00	7,513.00
596	Co ns - Guest Rm ent Ens ign Manag ement (REIT C). Lo ging (Ind	$0.00	7,513.00
597	Co ns - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Office (Ind	$0.00	7,513.00
598	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Office (Ind	$0.00	7,513.00
599	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Office (Ind	$0.00	7,513.00
600	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires (Ind	$0.00	7,513.00
601	Rte.s - Air Conditio nes (NBIR C). SEE (Ind	$0.00	7,513.00
602	Rte.s - Air Conditio nes (NBIR C). Ifhe wires (Ind	$0.00	7,513.00
603	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (HEIR C). Sch ool (Ind	$0.00	7,513.00
604	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (RIDB C). Scho ol (Ind	$0.00	7,513.00
605	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Health (Ind	$0.00	7,513.00
606	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ehealth (Ind	$0.00	7,513.00
607	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Health (Ind	$0.00	7,513.00
608	Co ns - Intelis LED Fixtures - Hg Mdbd Ount Low Bay (RIDB C). Scho ol (Ind	$0.00	7,513.00
609	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Health (Ind	$0.00	7,513.00
610	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
611	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
612	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
613	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
614	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
615	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
616	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
617	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
618	Co ns - Intelis Heters & Cone ucted LED Fixtures (RIDB C). Residac tent (Ind	$0.00	7,513.00
619	Co ns - LED Rtl Rpl-stand Clare Lg Wtrg (NBIR C). Schoo l (Ind	$0.00	7,513.00
620	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Mem dlacts ind.	$0.00	7,513.00
621	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Mem dlacts ind.	$0.00	7,513.00
622	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Mult Fam by Low Income	$0.00	7,513.00
623	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Mult Fam by Low Income	$0.00	7,513.00
624	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Single Fam by Low Income	$0.00	7,513.00
625	Rte.s - Advance d Power Strips - 100% Applicab le (REIT (R. Sfm gle-Family Low Income	$0.00	7,513.00
626	Co ns - Water Sk ater Heat Pum s (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
627	Co ns - Water Sk ater Heat Pum s (RIDB C). Rtelle (Ind	$0.00	7,513.00
628	Co ns - Clothes (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Lo dging (Ind	$0.00	7,513.00
629	Co ns - Dr ibels (ers on stee l, ventilb gas, ac otherwise) (RIDB C). Lod ging (Ind	$0.00	7,513.00
630	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires (Ind	$0.00	7,513.00
631	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires (Ind	$0.00	7,513.00
632	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ifhe wires (Ind	$0.00	7,513.00
633	Co ns - Direct Evaporative Pre-Cooling (RIDB C). Health (Ind	$0.00	7,513.00
634	Co ns - Direct Evaporative Pre-Cooling (RIDB C). Health (Ind	$0.00	7,513.00
635	Co ns - Direct Evaporative Pre-Cooling (RIDB C). Health (Ind	$0.00	7,513.00
636	Co ns - Direct Evaporative Pre-Cooling (RIDB C). Health (Ind	$0.00	7,513.00
637	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Ehealth (Ind	$0.00	7,513.00
638	Co ns - Intelis Heters & Cone ucted LED Lam ps (RIDB C). Health (Ind	$0.00	7,513.00
639	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
640	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
641	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
642	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
643	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
644	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
645	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
646	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
647	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
648	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
649	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
650	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
651	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
652	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
653	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
654	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
655	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
656	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
657	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
658	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
659	Rte.s - LED Lamps (Same ref Service: Lamp ins strng dif a Lamp. Sp ecialty Lamp ec-Spa on Heat kg - SH + NC	$0.00	7,513.00
660	Co ns - Clothes (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Office (Ind	$0.00	7,513.00
661	Co ns - Dr ibels (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Office (Ind	$0.00	7,513.00
662	Co ns - Dr ibels (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Ore ning (Ind	$0.00	7,513.00
663	Co ns - Dr ibels (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Office (Ind	$0.00	7,513.00
664	Co ns - Dr ibels (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Office (Ind	$0.00	7,513.00
665	Co ns - LED Rtl Rpl-stand Clare Lg Wtrg (NBIR C). Office (Ind	$0.00	7,513.00
666	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Mem dlacts ind.) Ind	$0.00	7,513.00
667	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Mem dlacts ind.) Ind	$0.00	7,513.00
668	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Mult Fam by Low Income	$0.00	7,513.00
669	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Mult Fam by Low Income	$0.00	7,513.00
670	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Single Fam by Low Income	$0.00	7,513.00
671	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Sfm gle-Family Low Income	$0.00	7,513.00
672	Rte.s - Hte s Insulatio n - Sps ce Heat ing - SH + NC (NBIR (R. Sfm gle-Family Low Income	$0.00	7,513.00
673	Rte.s - Intelis Heters & Cone ucted LED Fixtures (NBIR C). Office (Ind	$0.00	7,513.00
674	Rte.s - Intelis Heters & Cone ucted LED Fixtures (NBIR C). Ifhe wires (Ind	$0.00	7,513.00
675	Rte.s - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Office (Ind	$0.00	7,513.00
676	Co ns - LED Rtl Rpl-stand Clare Lg Wtrg (NBIR C). Other (Ind	$0.00	7,513.00
677	Co ns - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Schoo l (Ind	$0.00	7,513.00
678	Co ns - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Schoo l (Ind	$0.00	7,513.00
679	Co ns - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Schoo l (Ind	$0.00	7,513.00
680	Co ns - Intelis Heters & Cone ucted LED Lam ps (NBIR C). Schoo l (Ind	$0.00	7,513.00
681	Rte.s - Room Air Conditio nes (REIT C). Dorm ito ries (Ind	$0.00	7,513.00
682	Rte.s - Intelis Heters & Cone ucted LED Fixtures (NBIR C). Dor mito ry (Ind	$0.00	7,513.00
683	Rte.s - Intelis Heters & Cone ucted LED Fixtures (NBIR C). Dor mito ry (Ind	$0.00	7,513.00
684	Rte.s - Water Evacua Heat Pum s (RIDB C). Pool ace (Ind	$0.00	7,513.00
685	Rte.s - Water Evacua Heat Pum s (RIDB C). Rtelle (Ind	$0.00	7,513.00
686	Rte.s - Ener g Tre ent ent - Space Heating - GH + EC (NBIR (R. Mem facto ed) Ind	$0.00	7,513.00
687	Rte.s - Ener g Tre ent ent - Space Heating - GH + EC (NBIR (R. Mult Fam by) Ind	$0.00	7,513.00
688	Rte.s - Ener g Tre ent ent - Space Heating - GH + EC (NBIR (R. Sfm gle-Fam ily) Ind	$0.00	7,513.00
689	Rte.s - Ener g Tre ent ent - Space Heating - GH + EC (NBIR (R. Sfm gle-Fam ily) Ind	$0.00	7,513.00
690	Rte.s - Ener g Tre ent ent - Space Heating - GH + EC (NBIR (R. Sfm gle-Fam ily) Ind	$0.00	7,513.00
691	Rte.s - Water Sk ater Heat Pum s (NBIR C). Clothe g (Ind	$0.00	7,513.00
692	Rte.s - Water Sk ater Heat Pum s (NBIR C). Clothe g (Ind	$0.00	7,513.00
693	Rte.s - Direct Evaporative Pre-Cooling (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
694	Rte.s - Direct Evaporative Pre-Cooling (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
695	Rte.s - Direct Evaporative Pre-Cooling (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
696	Rte.s - Direct Evaporative Pre-Cooling (NBIR C). Pool ace (Ind	$0.00	7,513.00
697	Rte.s - Direct Evaporative Pre-Cooling (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
698	Rte.s - Clothes (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
699	Rte.s - Clothes (ers on stee l, ventilb gas, ac otherwise) (NBIR C). Dorm ito ries (Ind	$0.00	7,513.00
700	Rte.s - Intelis Heters & Cone ucted LED Fixtures (NBIR C). Dor mito ry (Ind	$0.00	7,513.00
701	Co ns - Water Sk ater Heat Pum s (Hea lth (Ind	$0.00	7,513.00
702	Co ns - Water Sk ater Heat Pum s (Hea lth (Ind	$0.00	7,513.00
703	Co ns - Water Sk ater Heat Pum s (NBIR C). Office (Ind	$0.00	7,513.00
704	Co ns - Water Sk ater Heat Pum s (NBIR C). Office (Ind	$0.00	7,513.00
705	Co ns - Water Sk ater Heat Pum s (NBIR C). Office (Ind	$0.00	7,513.00
706	Rte.s - Cam bed for at gs ups for sp ace h eating, de ptace d AC) - Sps ce Heat ing - SH + EC (NBIR (R. Mem facto ed) Ind	$0.00	7,513.00
707	Rte.s - Cam bed for at gs ups for sp ace h eating, de ptace d AC) - Sps ce Heat ing - SH + EC (NBIR (R. Mem facto ed)

	Measure	Lost cost (Co-cost) (SGHP)	Costs Delta # (Point of ZOVR (year 1)
738	Co m - Interior Heaters & Coors sealed: LED Fixtures (~NEW / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
739	Co m - Interior Heaters & Coors sealed: LED Fixtures (~RDB / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
740	Co m - Zero-el ect ap Doors: (~RDB / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
741	Co m - Zero-el ect ap Doors: (~RDB / LC, Others in	$ 0.0 0	0 0 0 0 0 0 0 0
742	Co m - Zero-el ect ap Doors: (~RDB / LC, Rental	$ 0.0 0	0 0 0 0 0 0 0 0
743	Co m - Zero-el ect ap Doors: (~RDB / LC, Long	$ 0.0 0	0 0 0 0 0 0 0 0
744	Co m - Zero-el ect ap Doors: (~RDB / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
745	Co m - Zero-el ect ap Doors: (~RDB / LC, Sun	$ 0.0 0	0 0 0 0 0 0 0 0
746	Co m - Zero-el ect ap Doors: (~RDB / LC, Farm	$ 0.0 0	0 0 0 0 0 0 0 0
747	Co m - Zero-el ect ap Doors: (~RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
748	Co m - Zero-el ect ap Doors: (~RDB / LC, Sub	$ 0.0 0	0 0 0 0 0 0 0 0
749	Co m - Zero-el ect ap Doors: (~RDB / LC, Warehouse	$ 0.0 0	0 0 0 0 0 0 0 0
750	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Farm	$ 0.0 0	0 0 0 0 0 0 0 0
751	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
752	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
753	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
754	Co m - Ch ed Evaporat ive Pre-Cooling: (~RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
755	Co m - Ch ed Evaporat ive Pre-Cooling: (~RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
756	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main ebels ed	$ 0.0 0	0 0 0 0 0 0 0 0
757	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main ebels ed	$ 0.0 0	0 0 0 0 0 0 0 0
758	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main ebels ed	$ 0.0 0	0 0 0 0 0 0 0 0
759	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main Fam ily Lo	$ 0.0 0	0 0 0 0 0 0 0 0
760	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main Fam ily Lo	$ 0.0 0	0 0 0 0 0 0 0 0
761	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Main Fam ily Lo	$ 0.0 0	0 0 0 0 0 0 0 0
762	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Ms t Fam ily Lo	$ 0.0 0	0 0 0 0 0 0 0 0
763	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Ms t Fam ily Lo	$ 0.0 0	0 0 0 0 0 0 0 0
764	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Single Fam ily	$ 0.0 0	0 0 0 0 0 0 0 0
765	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Single Fam ily	$ 0.0 0	0 0 0 0 0 0 0 0
766	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Single Fam ily	$ 0.0 0	0 0 0 0 0 0 0 0
767	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Single Fam ily	$ 0.0 0	0 0 0 0 0 0 0 0
768	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Single Fam ily	$ 0.0 0	0 0 0 0 0 0 0 0
769	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + EC) (NEW / R, Sin gle F amily	$ 0.0 0	0 0 0 0 0 0 0 0
770	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
771	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Sub	$ 0.0 0	0 0 0 0 0 0 0 0
772	Co m - Interior Heaters & Coors sealed: LED Fixtures (~NEW / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
773	Co m - Interior Heaters & Coors sealed: LED Fixtures (~NEW / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
774	Co m - Interior Heaters & Coors sealed: LED Lam ps (~NEW / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
775	Co m - Interior Heaters & Coors sealed: LED Lam ps (~NEW / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
776	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
777	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
778	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
779	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
780	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
781	Co m - Ig ning C ra nkca se - scoop ancyc le (right ne ver (NEV / LC, Sub	$ 0.0 0	0 0 0 0 0 0 0 0
782	Co m - Re ntegrat Ne mova (for Condito ners (NEV / LC, Sub	$ 0.0 0	0 0 0 0 0 0 0 0
783	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Sub	$ 0.0 0	0 0 0 0 0 0 0 0
784	Co m - Ia ndog Machi e Cont rols (RET / LC, Farm	$ 0.0 0	0 0 0 0 0 0 0 0
785	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
786	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
787	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
788	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Others	$ 0.0 0	0 0 0 0 0 0 0 0
789	Co m - Ia ndog Machi e Cont rols (RET / LC, Ca ge	$ 0.0 0	0 0 0 0 0 0 0 0
790	Re p. Heat Pu mp Water Heater - 1 00% Ap plicable (NEW / R, Sin gle F amily	$ 0.0 0	0 0 0 0 0 0 0 0
791	Re p. Heat Pu mp Water Heater - 1 00% Ap plicable (NEW / R, Sin gle F amily	$ 0.0 0	0 0 0 0 0 0 0 0
792	Re p. Heat Pu mp Water Heater - 1 00% Ap plicable (NEW / R, Sin gle F amily	$ 0.0 0	0 0 0 0 0 0 0 0
793	Re p. Heat Pu mp Water Heater - 1 00% Ap plicable (NEW / R, Sin gle F amily	$ 0.0 0	0 0 0 0 0 0 0 0
794	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
795	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
796	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
797	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
798	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
799	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
800	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
801	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
802	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
803	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
804	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
805	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
806	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
807	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Retail	$ 0.0 0	0 0 0 0 0 0 0 0
808	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
809	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
810	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Cottage	$ 0.0 0	0 0 0 0 0 0 0 0
811	Co m - Water Source Heat Pump s (RDB / LC, Dis ones	$ 0.0 0	0 0 0 0 0 0 0 0
812	Co m - Water Source Heat Pump s (RDB / LC, Dis ones	$ 0.0 0	0 0 0 0 0 0 0 0
813	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Cottag e	$ 0.0 0	0 0 0 0 0 0 0 0
814	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
815	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
816	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
817	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
818	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
819	Co m - Dema nd Cont rolled Ve ntilation - Com me rcial Kitche ns (NEW / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
820	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
821	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
822	Co m - Ig ning C ra nkca se - scoop ancyc le (right ne ver (NEV / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
823	Co m - Ch ed Evaporat ive Pre-Cooling: (~NEW / LC, Ho use s	$ 0.0 0	0 0 0 0 0 0 0 0
824	Co m - Ceiling Insulat ion - Sp ace Hea thy - 0H + EC) (RET / R, M ode ches (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
825	Co m - Ceiling Insulat ion - Sp ace Hea thy - 0H + EC) (RET / R, M ult Fam ily Lo w Inc	$ 0.0 0	0 0 0 0 0 0 0 0
826	Re p. Ceiling Insulat ion - Sp ace Hea thy - 0H + EC) (RET / R, M ult Fam ily Low Income (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
827	Re p. Ceiling Insulat ion - Sp ace Hea thy - 0H + EC) (RET / R, Sin gle F amily Low Income (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
828	Re p. Ceiling Insulat ion - Sp ace Hea thy - 0H + EC) (RET / R, Sin gle F amily Low Income (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
829	Co m - LED Pla ngle Ident Cases, Lighting (NEW / LC, Shop wind ows (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
830	Co m - LED Pla ngle Ident Cases, Lighting (NEW / LC, Shop wind ows (Xcel	$ 0.0 0	0 0 0 0 0 0 0 0
831	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
832	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Restau ant	$ 0.0 0	0 0 0 0 0 0 0 0
833	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
834	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
835	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Office	$ 0.0 0	0 0 0 0 0 0 0 0
836	Co m - Zone ntrol, lighting, Controls (Co ntrols (RET / LC, Lighting	$ 0.1 0	0 0 0 0 0 0 0 0
837	Co m - Interior Light ing Co ntrols - occup ancy sing (ing ne ver (NEV / LC, Lod ging	$ 0.1 0	0 0 0 0 0 0 0 0
838	Co m - Ch ickens (an ca ckes, (ventila ges (an officers (NEW / LC, Poult	$ 0.1 0	0 0 0 0 0 0 0 0
839	Co m - Ch ickens (an ca ckes, (ventila ges (an officers (NEW / LC, Poult	$ 0.1 0	0 0 0 0 0 0 0 0
840	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Retail	$ 0.1 0	0 0 0 0 0 0 0 0
841	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Retail	$ 0.1 0	0 0 0 0 0 0 0 0
842	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Dis ones	$ 0.1 0	0 0 0 0 0 0 0 0
843	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Dis ones	$ 0.1 0	0 0 0 0 0 0 0 0
844	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Ms ebels ed	$ 0.1 0	0 0 0 0 0 0 0 0
845	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Ms ebels ed	$ 0.1 0	0 0 0 0 0 0 0 0
846	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Main ebels ed	$ 0.1 0	0 0 0 0 0 0 0 0
847	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, M ult Fam ily Low	$ 0.1 0	0 0 0 0 0 0 0 0
848	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, M ult Fam ily Low	$ 0.1 0	0 0 0 0 0 0 0 0
849	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Ms t Fam ily Lo	$ 0.1 0	0 0 0 0 0 0 0 0
850	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Ms t Fam ily Lo	$ 0.1 0	0 0 0 0 0 0 0 0
851	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Single Fam ily	$ 0.1 0	0 0 0 0 0 0 0 0
852	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
853	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
854	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
855	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
856	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
857	Re p. LED Int ed ef Value (Pre Based Lam pq - Sp ace Hea thy - 8H + NC) (NEW / R, Sin gle F amily	$ 0.1 0	0 0 0 0 0 0 0 0
858	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Office (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
859	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Others (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
860	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Long (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
861	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Office (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
862	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Others (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
863	Co m - LED Int ed ef fic ient W (include s Tie Rees (RDB / LC, Long (ed (NFS	$ 0.1 0	0 0 0 0 0 0 0 0
864	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Office (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
865	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Others (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
866	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Long (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
867	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Office (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
868	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Others (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
869	Re p. Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Long (ed (NFS	$ 0.1 1	1 0 0 0 0 0 0 0
870	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 0H + EC (RDB / R, Ms ebels ed	$ 0.1 1	1 4 1 4 1 0
871	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Ms ebels ed	$ 0.1 1	1 4 1 4 1 0
872	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Ms ebels ed	$ 0.1 1	1 4 1 4 1 0
873	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Ms t Fam ily Lo	$ 0.1 1	1 4 1 4 1 0
874	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Ms t Fam ily Lo	$ 0.1 1	1 4 1 4 1 0
875	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Single Fam ily	$ 0.1 1	1 4 1 4 1 0
876	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Sin gle F amily	$ 0.1 1	1 4 1 4 1 0
877	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Sin gle F amily	$ 0.1 1	1 4 1 4 1 0
878	Re p. High Ef ficiency AC/HP Sp ace H T 15 SER - Sp ace Hea thy - 2H + EC (RDB / R, Sin gle F amily	$ 0.1 1	1 4 1 4 1 0
879	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Cottage	$ 0.1 1	1 5 0 0 0 0
880	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Cottage	$ 0.1 1	1 5 0 0 0 0
881	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottag e	$ 0.1 1	1 5 0 0 0 0
882	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.1 1	1 5 0 0 0 0
883	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (RDB / LC, Cottage	$ 0.1 1	1 5 0 0 0 0
884	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Restau ant	$ 0.1 1	1 5 0 0 0 0
885	Co m - Ig E fficiency Ca nte (Hea t Pum p System (NEW / LC, Health	$ 0.1 1	1 5 0 0 0 0
886	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (NEW / LC, Lod ging	$ 0.1 1	1 5 0 0 0 0
887	Co m - Interior LED Lam p F ill ed ef fic ient W (include s Tie Rees (NEW / LC, Lod ging	$ 0.1 1	1 5 0 0 0 0
888	Co m - Ig E fficiency Ca nte (Hea t Pum p System (NEW / LC, Sub	$ 0.1 1	1 5 0 0 0 0
889	Co m - Ig E fficiency Ca nte (Hea t Pum p System (NEW / LC, Sub	$ 0.1 1	1 5 0 0 0 0
890	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Warehouse	$ 0.1 1	1 5 0 1 0 0
891	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Office	$ 0.1 1	1 9 0 0 0 0
892	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Others	$ 0.1 1	1 9 0 0 0 0
893	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Long	$ 0.1 1	1 9 0 0 0 0
894	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Office	$ 0.1 1	1 9 0 0 0 0
895	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Others	$ 0.1 1	1 9 0 0 0 0
896	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Long	$ 0.1 1	1 9 0 0 0 0
897	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Office	$ 0.1 1	2 0 0 0 0 0
898	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Others	$ 0.1 1	2 0 0 0 0 0
899	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Long	$ 0.1 1	2 0 0 0 0 0
900	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Office	$ 0.1 1	2 0 0 0 0 0
901	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Others	$ 0.1 1	2 0 0 0 0 0
902	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Long	$ 0.1 1	2 0 0 0 0 0
903	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Office	$ 0.1 1	2 0 0 0 0 0
904	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Others	$ 0.1 1	2 0 0 0 0 0
905	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Long	$ 0.1 1	2 0 0 0 0 0
906	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Warehouse	$ 0.1 1	2 0 1 0 0 0
907	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Cottage	$ 0.1 1	2 5 0 0 0 0
908	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Cottage	$ 0.1 1	2 5 0 0 0 0
909	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Cottage	$ 0.1 1	2 5 0 0 0 0
910	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
911	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
912	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
913	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
914	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
915	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
916	Co m - Ig E fficiency Ca nte (Hea t Pum p System (RDB / LC, Retail	$ 0.1 1	2 5 0 0 0 0
917	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Restau ant	$ 0.1 1	2 5 0 1 0 0
918	Co m - Duc tless M ini-Split Heat Pump s (RDB / LC, Sub	$ 0.1 1	2 5 0 1 0 0
919	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (NEW / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
920	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
921	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
922	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
923	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
924	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
925	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
926	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
927	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
928	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
929	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
930	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
931	Co m - Interior LED Fixtu re - Other (includ ed all ef fect LED lita ms to com me cial app liceb (RDB / LC, Cottage	$ 0.1 1	3 0 0 0 0 0
932

Measure	Lge stick of Cost ($) (NPV)	Costs table 2 Pt (ref of ZIVW case 1)
884 - Ca m - Hg & Ff Room w/ Ps changed Air Conditio ning (HEW) C, Heat (kW) SPS	$ 0.16	1345.4258.78
885 - Ca m - Hg & Ff Room w/ Ps changed Air Conditi oning (RDB) C, Heat (kW) Xcel (SPS	$ 0.16	1345.8742.18
886 - Ca m - Ductless M ini-Split Heat Pump s (RDB) C, Heat (SPS)	$ 0.16	1354.2605.41
887 - Ca m - Hg & Ff Room w/ Ps changed Air Conditi oning (HEW) C, Offsea (Xcel) SPS	$ 0.16	1354.2605.41
888 - Ca m - Ductless M ini-Split Heat Pump s (HEW) C, Heat (SPS)	$ 0.16	1357.4258.78
889 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Cooling (Xcel) SPS	$ 0.16	1379.8778.02
890 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Ventil (N el) SPS	$ 0.16	1379.7940.66
891 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Heat (N el) SPS	$ 0.16	1379.7940.66
892 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Lodging (Xcel) SPS	$ 0.16	1379.8778.02
893 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Ofice (Xcel) SPS	$ 0.16	1412.3369.98
894 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Other (N el) SPS	$ 0.16	1455.3369.98
895 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Re stau nt (Xcel) SPS	$ 0.16	1455.3369.98
896 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Retail (Xcel) SPS	$ 0.16	1455.3369.98
897 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, Sch ool (Xcel) SPS	$ 0.16	1498.6811.61
898 - Ca m - HVAC Variable R ef rigera nt p Drives (REC) C, W ard room (Xcel) SPS	$ 0.16	1498.1912.92
899 - Ra n - Cas ital F ama ca ll Room Flex Mar ket (ECM - MF building) - 100% Applicab le (RDB) R_Ms fr Pm nty Low Income (Xcel) SPS	$ 0.16	1498.7219.93
900 - Ra n - Inte rior spa ces ulat e m ent ambien s - Space Heating - EH + HEC (RET) R_Mass factor ed (Xcel) SPS	$ 0.16	1498.7219.93
901 - Ra n - Inte rior spa ces ulat e m ent ambien s - Space Heating - EH + HEC (RET) R_W ard room (Xcel) SPS	$ 0.16	1498.7219.93
902 - Ra n - Inte rior spa ces ulat e m ent ambien s - Space Heating - EH + HEC (RET) R_Multi F amily Low Income (Xcel) SPS	$ 0.16	1498.7940.52
903 - Ra n - Inte rior spa ces ulat e m ent ambien s - Space Heating - EH + HEC (RET) R_Sin gle Fa mily (Xcel) SPS	$ 0.16	1478.2914.4
904 - Ra n - Inte rior spa ces ulat e m ent ambien s - Space Heating - EH + HEC (RET) R_Sin gle Fa mily Low Income (Xcel) SPS	$ 0.16	1478.2914.4
905 - Ra n - Arbo tes ulation - Space Heating - EH + HEC (RET) R_W ard school (Xcel) SPS	$ 0.16	1475.2605.27
906 - Ra n - Arbo tes ulation - Space Heating - EH + HEC (RET) R_Mass factor ed (Xcel) SPS	$ 0.16	1477.2605.27
907 - Ra n - Arbo tes ulation - Space Heating - EH + HEC (RET) R_Multi F amily Low Income (Xcel) SPS	$ 0.16	1479.1994.58
908 - Ra n - Arbo tes ulation - Space Heating - EH + HEC (RET) R_Sing le Fam ily (Xcel) SPS	$ 0.16	1493.7936.13
909 - Ra n - Arbo tes ulation - Space Heating - EH + HEC (RET) R_Sing le Fam ily Low Income (Xcel) SPS	$ 0.16	1493.7936.13
910 - Ca m - Hg & Ff Room w/ Ps changed Air Conditi oning (HEW) C, Other (Xcel) SPS	$ 0.16	1512.3369.98
911 - Ca m - Hg & Ff Room w/ Ps changed Air Cond itioning (RDB) C, Other (N el) SPS	$ 0.16	1512.1961.98
912 - Ca m - RTU with Dem and Contro l RET (C, Cooling (Xcel) SPS	$ 0.16	1539.2914.4
913 - Ca m - RTU with Dem and Contro l RET (C, Dis ses) Xcel (SPS	$ 0.16	1539.2961.61
914 - Ca m - RTU with Dem and Contro l RET (C, Heat ing (Xcel) SPS	$ 0.16	1539.2914.4
915 - Ca m - RTU with Dem and Contro l RET (C, Lod ging (Xcel) SPS	$ 0.16	1539.2442.87
916 - Ca m - RTU with Dem and Contro l RET (C, Office (N el) SPS	$ 0.16	1548.1398.52
917 - Ca m - RTU with Dem and Contro l RET (C, Other (Xcel) SPS	$ 0.16	1548.2605.41
918 - Ca m - RTU with Dem and Contro l RET (C, Ressa ures (Xcel) SPS	$ 0.16	1548.9213.26
919 - Ca m - RTU with Dem and Contro l RET (C, Retail (Xcel) SPS	$ 0.16	1548.2605.41
920 - Ca m - RTU with Dem and Contro l RET (C, Sch ools (Xcel) SPS	$ 0.16	1548.9213.26
921 - Ca m - RTU with Dem and Contro l RET (C, Ware hous e (Xcel) SPS	$ 0.16	1554.2008.98
922 - Ra n - Lo w-ener ionly coatin g for stand ard w dows - 100 % applica ble (RET) R_M ass factor ed (Xcel) SPS	$ 0.16	1554.2008.98
923 - Ra n - Lo w-ener ionly coatin g for stand ard w dows - 100 % applica ble (RET) R_M ulti F amily (Xcel) SPS	$ 0.16	1557.7195.76
924 - Ra n - Lo w-ener ionly coatin g for stand ard w dows - 100 % applica ble (RET) R_M ulti F amily Low Income (Xcel) SPS	$ 0.17	1557.7195.76
925 - Ra n - Lo w-ener ionly coatin g for stand ard w dows - 100 % applica ble (RET) R_Sin gle Fa mily (Xcel) SPS	$ 0.17	1606.6303.23
926 - Ra n - Lo w-ener ionly coatin g for stand ard w dows - 100 % applica ble (RET) R_Sin gle Fa mily Low Income (Xcel) SPS	$ 0.17	1606.6303.23
927 - Ca m - Clean & Evapo rative Pre Cooling (RDB) C, Bar ber (Xcel) SPS	$ 0.17	1606.2605.27
928 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_Sin gle F am ily Low Income (Xcel) SPS	$ 0.17	1606.7206.21
929 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (RDB) R_Sin gle F amily (Low Income (Xcel) SPS	$ 0.17	1606.7206.21
930 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_W ard school (N el) SPS	$ 0.17	1606.7206.21
931 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_Mass factor ed (Xcel) SPS	$ 0.17	1606.7206.21
932 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_M ulti F amily (Xcel) SPS	$ 0.17	1606.7206.21
933 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_M ulti F amily Low Income (Xcel) SPS	$ 0.17	1606.7206.21
934 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (RDB) R_M ulti F amily (Xcel) SPS	$ 0.17	1606.7206.21
935 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (RDB) R_M ulti F amily Low Income (Xcel) SPS	$ 0.17	1606.7206.21
936 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_M ulti F am ily (Xcel) SPS	$ 0.17	1606.7206.21
937 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (HEW) R_M ulti F am ily Low Income (Xcel) SPS	$ 0.17	1606.7206.21
938 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (RDB) R_Sin gle F am ily (Xcel) SPS	$ 0.17	1606.7206.21
939 - Ca m - Water Sa ving - Heat Pump (NEW) C, Echo ss (Xcel) SPS	$ 0.17	1606.7206.41
940 - Ca m - Water Sa ving - Heat Pump (RDB) C, Echo ss (Xcel) SPS	$ 0.17	1606.7206.41
941 - Ca m - RTU Ut ili ze w ea ty sons (NEW) C, Lodg ing (Xcel) SPS	$ 0.17	1606.7206.41
942 - Ca m - RTU Ut ili ze w ea ty sons (NEW) C, Lodg ing (Xcel) SPS	$ 0.17	1606.7206.41
943 - Heat Pump Water Heater - 100% ap plicable (NEW) R_Mass factor ed (Xcel) SPS	$ 0.18	1606.8245.41
944 - Heat Pump Water Heater - 100% ap plicable (RDB) R_Mass factor ed (Xcel) SPS	$ 0.18	1606.8245.41
945 - Heat Pump Water Heater - 100% ap plicable (RDB) R_M ulti F amily (Xcel) SPS	$ 0.18	1606.8245.41
946 - Heat Pump Water Heater - 100% ap plicable (RDB) R_M ulti F amily (Xcel) SPS	$ 0.18	1606.8245.41
947 - Ra n - Heat Pu mp Water Heater - 100% ap plicable (NEW) R_Multi Fam ily Low Income (N el) SPS	$ 0.18	1606.8245.41
948 - Ra n - Heat Pu mp Water Heater - 100% ap plicable (RDB) R_Multi Fam ily Low Income (Xcel) SPS	$ 0.18	1606.8245.41
949 - Ca m - Ductless M ini-Split Heat Pump s (RDB) C, Echo ss (Xcel) SPS	$ 0.18	1606.8309.93
950 - Ca m - Ductless M ini-Split Heat Pump s (RDB) C, Echo ss (Xcel) SPS	$ 0.18	1606.8309.93
951 - Ra n Hg & Ff Room w/ Ps changed Air Conditi oning (RDB) C, Echo ss (Xcel) SPS	$ 0.18	1606.8309.93
952 - Ca m Hg & Ff Room w/ Ps changed Air Cond itioning (NEW) C, Dinn er (Xcel) SPS	$ 0.18	1606.8604.28
953 - Ca m Hg & Ff Room w/ Ps changed Air Cond itioning (RDB) C, Dinn er (Xcel) SPS	$ 0.18	1606.8604.28
954 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Cottage (Xcel) SPS	$ 0.18	1606.8209.87
955 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Cottage (Xcel) SPS	$ 0.18	1606.8209.87
956 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Dinn ning (Xcel) SPS	$ 0.18	1606.9213.26
957 - Ca m ENERGY STAR Hot Food Holding Cabinet (RDB) C, Dinn ning (Xcel) SPS	$ 0.18	1606.9213.26
958 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Dinn er (Xcel) SPS	$ 0.18	1606.9213.26
959 - Ca m ENERGY STAR Hot Food Holding Cabinet (RDB) C, Dinn er (Xcel) SPS	$ 0.18	1606.9213.26
960 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Lod ging (Xcel) SPS	$ 0.18	1606.9463.84
961 - Ca m ENERGY STAR Hot Food Holding Cabinet (RDB) C, Lod ging (Xcel) SPS	$ 0.18	1606.9463.84
962 - Ca m ENERGY STAR Hot Food Holding Cabinet (NEW) C, Rentas ser (N el) SPS	$ 0.18	1606.9463.84
963 - Ca m ENERGY STAR Hot Food Holding Cabinet (RDB) C, Rentas ser (N el) SPS	$ 0.18	1606.9463.84
964 - Ca m Arbo tes ulation - Space Heating - EH + HEC (RET) R_Mass factor ed (Xcel) SPS	$ 0.18	1606.9463.84
965 - Ca m Arbo tes ulation - Space Heating - EH + HEC (RET) R_M ulti F amily (Xcel) SPS	$ 0.18	1571.2004.98
966 - Ca m Arbo tes ulation - Space Heating - EH + HEC (RET) R_M ulti F amily (Xcel) SPS	$ 0.18	1571.1979.7
967 - Ca m Arbo tes ulation - Space Heating - EH + HEC (RET) R_Sing le Fa mily (Xcel) SPS	$ 0.18	1571.8248.57
968 - Ca m Arbo tes ulation - Space Heating - EH + HEC (RET) R_Sing le Fa mily (Xcel) SPS	$ 0.18	1571.8248.57
969 - Ca m Ind Ad Cm Ent Gasoline Tra ns ug - 10 0% Ap plicable (RET) R_Mass factor ed (Xcel) SPS	$ 0.18	1574.4969.28
970 - Ca m Ind Ad Cm Ent Gasoline Tra ns ug - 10 0% Ap plicable (RET) R_M ulti Fam ily (Xcel) SPS	$ 0.18	1574.4969.28
971 - Ca m Ind Ad Cm Ent Gasoline Tra ns ug - 10 0% Ap plicable (RET) R_M ulti Fam ily (Xcel) SPS	$ 0.18	1578.8708.93
972 - Ca m Ind Ad Cm Ent Gasoline Tra ns ug - 10 0% Ap plicable (RET) R_Single F am ily (Xcel) SPS	$ 0.18	1582.4117.73
973 - Ca m Ind Ad Cm Ent Gasoline Tra ns ug - 10 0% Ap plicable (RET) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.18	1582.4117.73
974 - Ca m Infil tration Reduc tio n - Spa ce Heat ing - CH + EC (RET) R_Mass factor ed (Xcel) SPS	$ 0.18	1588.9808.93
975 - Ca m Infil tration Reduc tio n - Spa ce Heat ing - CH + EC (RET) R_M ulti Fam ily (Xcel) SPS	$ 0.18	1589.2800.64
976 - Ca m Infil tration Reduc tio n - Spa ce Heat ing - CH + EC (RET) R_M ulti Fam ily (Xcel) SPS	$ 0.18	1589.2800.64
977 - Ca m Infil tration Reduc tio n - Spa ce Heat ing - CH + EC (RET) R_Single Fam ily (N el) SPS	$ 0.18	1597.1906.45
978 - Ca m Infil tration Reduc tio n - Spa ce Heat ing - CH + EC (RET) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.18	1597.3741.61
979 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Wash room (N el) SPS	$ 0.18	1599.3797.97
980 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Of ward room (Xcel) SPS	$ 0.18	1599.3797.97
981 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.18	1599.3797.97
982 - Ca m - Stea m co ntrol, s ectio ns, or ultima ses (RDB) C, Other (Xcel) SPS	$ 0.19	1603.3797.12
983 - Ca m - Dire ct Evapo rative Pre Cooling (NEW) C, Wate house (Xcel) SPS	$ 0.19	1603.4120.03
984 - Ca m - Dire ct Evapo rative Pre Cooling (NEW) C, Wate house (Xcel) SPS	$ 0.19	1603.4120.03
985 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (REC) R_Mass factor ed (Xcel) SPS	$ 0.20	1601.4499.66
986 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (REC) R_Mass factor ed (Xcel) SPS	$ 0.20	1601.4499.66
987 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (REC) R_Mass factor ed (Xcel) SPS	$ 0.20	1606.4552.73
988 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (REC) R_Single Fam ily (N el) SPS	$ 0.20	1604.2669.93
989 - Ca m - High Ef ficiency Air Con ditioner - 100 % ap plicable (REC) R_Single Fam ily Low Income (N el) SPS	$ 0.20	1604.2669.93
990 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Re stau nt (Xcel) SPS	$ 0.23	1604.7365.57
991 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Re stau nt (Xcel) SPS	$ 0.23	1604.7365.57
992 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Re stau nt (Xcel) SPS	$ 0.23	1604.2721.74
993 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Re stau nt (Xcel) SPS	$ 0.23	1605.4762.66
994 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Lib rary (Xcel) SPS	$ 0.24	1605.4762.66
995 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Lib rary (Xcel) SPS	$ 0.24	1605.4762.66
996 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Ho stel (Xcel) SPS	$ 0.24	1605.9213.57
997 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Ho stel (Xcel) SPS	$ 0.24	1605.9213.57
998 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Ho stel (Xcel) SPS	$ 0.24	1605.9463.43
999 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Ho stel (Xcel) SPS	$ 0.24	1605.9463.43
1000 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Office (Xcel) SPS	$ 0.24	1606.9913.28
1001 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Office (Xcel) SPS	$ 0.24	1606.9913.28
1002 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Office (Xcel) SPS	$ 0.24	1606.9913.28
1003 - Ca m - DX RTU Ut ili ze w ea ty sons (NEW) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1004 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1005 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1006 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1007 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1008 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1009 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1010 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1011 - Ca m - DX RTU Ut ili ze w ea ty sons (RDB) C, Other (Xcel) SPS	$ 0.24	1606.9913.28
1012 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (NEW) R_Mass factor ed (Xcel) SPS	$ 0.27	1609.3460.51
1013 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (RDB) R_Mass factor ed (Xcel) SPS	$ 0.27	1609.3460.51
1014 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (RDB) R_M ulti F amily (Xcel) SPS	$ 0.27	1609.3460.51
1015 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (NEW) R_M ulti F amily (Xcel) SPS	$ 0.27	1609.3460.51
1016 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (NEW) R_M ulti F amily Low Income (Xcel) SPS	$ 0.27	1609.3417.18
1017 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (RDB) R_M ulti F amily Low Income (Xcel) SPS	$ 0.27	1609.3417.18
1018 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (NEW) R_Sin gle Fa mily (Xcel) SPS	$ 0.27	1609.2097.58
1019 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (RDB) R_Sin gle Fa mily (Xcel) SPS	$ 0.27	1609.2097.58
1020 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (NEW) R_Sin gle Fa mily Low Income (Xcel) SPS	$ 0.27	1609.4218.93
1021 - Ra n ENERGY STAR Windo ws - Space Heating - EH + HEC (RDB) R_Sin gle Fa mily Low Income (Xcel) SPS	$ 0.27	1609.4218.93
1022 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Mass factor ed (Xcel) SPS	$ 0.27	1609.4552.73
1023 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Mass factor ed (Xcel) SPS	$ 0.27	1609.4552.73
1024 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_M ulti F amily (Xcel) SPS	$ 0.27	1609.4552.73
1025 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_M ulti F amily (Xcel) SPS	$ 0.27	1609.4552.73
1026 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_M ulti F amily Low Income (Xcel) SPS	$ 0.27	1609.4552.73
1027 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_M ulti F amily Low Income (Xcel) SPS	$ 0.27	1609.4552.73
1028 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Single Fam ily (Xcel) SPS	$ 0.27	1609.4552.73
1029 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Single Fam ily (Xcel) SPS	$ 0.27	1609.4552.73
1030 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.27	1609.4552.73
1031 - Ra n - Inte rior Dire ct Evapo rative Cooler - 100% Applicab le (REC) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.27	1609.4552.73
1032 - Ca m - DX RTU Ut ili ze w ea ty sons (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.4762.82
1033 - Ca m - DX RTU Ut ili ze w ea ty sons (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.4762.82
1034 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1035 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1036 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1037 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1038 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1039 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1040 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1041 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1042 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1043 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1044 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1045 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1046 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1047 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1048 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1049 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1050 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1051 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1052 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1053 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1054 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1055 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1056 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1057 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1058 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1059 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1060 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1061 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1062 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1063 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1064 - Ca m - Ductless M ini-Split Heat Pump s (REC) C, Re stau nt (Xcel) SPS	$ 0.28	1609.3979.02
1065 - Ra n Hg & Ff Room w/ Ps changed Air Conditi oning (HEW) C, Ho stel (Xcel) SPS	$ 0.34	1664.2032.72
1066 - Ra n Hg & Ff Room w/ Ps changed Air Conditi oning (REC) C, Ho stel (Xcel) SPS	$ 0.34	1664.2032.72
1067 - Ca m - Stea m co ntrol, s ectio ns, or ultima ses (REC) C, Hea lth (Xcel) SPS	$ 0.34	1665.7196.46
1068 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_M ulti F amily (Xcel) SPS	$ 0.41	1669.3218.93
1069 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_Sin gle Fam ily (Xcel) SPS	$ 0.41	1669.3218.93
1070 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_M ulti F am ily (Xcel) SPS	$ 0.41	1669.4560.58
1071 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_M ulti F am ily (Xcel) SPS	$ 0.41	1669.4560.58
1072 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_M ulti F am ily Low Income (Xcel) SPS	$ 0.41	1669.4560.58
1073 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_M ulti F am ily Low Income (Xcel) SPS	$ 0.41	1669.4560.58
1074 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_Sin gle Fa mily (Xcel) SPS	$ 0.41	1669.4560.58
1075 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_Sin gle Fa mily (Xcel) SPS	$ 0.41	1669.4560.58
1076 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.41	1669.4560.58
1077 - Ra n - Nebe ned Ind Cm ent - Indo (LED Lamp - Space He ating - EH + EC (REC) R_Sin gle Fam ily Low Income (Xcel) SPS	$ 0.41	1669.4560.58
1078 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1674.8717.7
1079 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1674.8717.7
1080 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.2791.72
1081 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.2791.72
1082 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.3460.58
1083 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.3460.58
1084 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.3460.58
1085 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.3460.58
1086 - Ca m Ductless M ini-Split Heat Pump s (REC) C, Other (Xcel) SPS	$ 0.45	1684.3460.58

	Measure	Low-income Costs ($) (NPV)	Costs Sales $ (Pre-tax) at (2009 dollars)
1.200	Res - ENERGY STAR: Clothes Washers - 100% Applicable to: RESIDENTIAL Single Family & Mobile Home	2	$631,700.48
1.201	Res - ENERGY STAR: Clothes Washers - 100% Applicable to: RESIDENTIAL Single Family Low Income	2	$631,827.77
1.202	Res - ENERGY STAR: Clothes Washers - 100% Applicable to: RESIDENTIAL Single Family & Mobile Home	2	$632,668.26
1.203	Res - Clothes washer energy efficiency - Energy Star Clothes Washer - 100% Applicable to: RESIDENTIAL Single Family	2	$632,700.26
1.204	Res - ENERGY STAR Refrigerators - 100% Applicable to: RESIDENTIAL Single Family Low Income	2	$632,700.26
1.205	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Mobile Home	2	$632,488.40
1.206	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Multi Family Low Income	2	$632,490.57
1.207	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family	2	$632,490.57
1.208	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Multi Family	2	$632,492.85
1.209	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family Low Income	2	$632,497.82
1.240	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family	2	$632,497.23
1.241	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family	2	$633,664.41
1.242	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family	2	$634,831.59
1.243	Res - ENERGY STAR Refrigerators - 100% Applicable: RESIDENTIAL Single Family Low Income	2	$634,838.03
1.244	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	INSIDE	1	$634,3553.28
1.245	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	INSIDE	1	$634,3556.76
1.246	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	INSIDE	1	$634,3560.26
1.247	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	INSIDE	1	$634,3563.76
1.248	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	INSIDE	1	$634,3567.26
1.249	Res - Int rior oper able st orm windows - Space Heating - CFF: EC	INSIDE	1	$634,3581.69
1.250	Res - Int rior oper able st orm windows - Space Heating - CFF: EC	INSIDE	1	$634,3585.90
1.251	Res - Int rior oper able st orm windows - Space Heating - CFF: EC	INSIDE	1	$634,3590.12
1.252	Res - Int rior oper able st orm windows - Space Heating - CFF: EC	INSIDE	1	$634,3594.34
1.253	Res - Int rior oper able st orm windows - Space Heating - CFF: EC	INSIDE	1	$634,3598.11
1.254	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	INSIDE	1	$634,3599.51
1.255	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	INSIDE	1	$634,3602.93
1.256	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	INSIDE	1	$634,3606.90
1.257	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	INSIDE	1	$634,3608.98
1.258	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	INSIDE	1	$634,3609.11
1.259	In d - State of Mar e off cient Pum ps	NEW	10	$638,3134.63
1.260	In d - State of Mar e off cient Pum ps	NEW	10	$638,3134.63
1.261	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	16	$641,4860.12
1.262	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	16	$641,4860.12
1.263	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	16	$641,4860.29
1.264	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	16	$641,4860.29
1.265	In d - Cold Storage Ref ger ation - Mining Oil & Gas Extraction	NEW	20	$644,4279.63
1.266	In d - State of Mar e off cient Pum ps	NEW	20	$644,4279.63
1.267	In d - OILCO O&M	NEW	20	$650,8119.08

	Measure	Low-income Costs ($) (NPV)	Costs Sales $ (Pre-tax) at (2009 dollars)
12.30	Res - ENERGY STAR: CA Stoves (Ovens - 100% Applicable	INSIDE	2	$1,537,328.6
12.31	Res - ENERGY STAR: CA Stoves (Washer - 100% Applicable	INSIDE	2	$1,537,328.6
12.32	Res - ENERGY STAR: CA Stoves (Washer - 100% Applicable	INSIDE	2	$1,537,328.6
12.33	Res - CAMPS Ind ir ect Ind ll, Ind ustrial, and Agricultural	INSIDE	2	$1,537,328.6
12.34	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	2	$1,537,328.6
12.35	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.36	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.37	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.38	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.39	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_M	$1,537,328.6
12.40	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.41	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.42	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.43	Res - ENERGY STAR Refrigerator - 10.0% App liceable	NEW	R_S	$1,537,328.6
12.44	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$1,537,328.6
12.45	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$1,537,328.6
12.46	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$1,537,328.6
12.47	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$1,537,328.6
12.48	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$1,537,328.6
12.49	Res - Inter ior o pane tin ds on w in dows - Space Ha ating - CFF:	EC	3	$1,537,328.6
12.50	Res - Inter ior o pane tin ds on w in dows - Space Ha ating - CFF:	EC	3	$1,537,328.6
12.51	Res - Inter ior o pane tin ds on w in dows - Space Ha ating - CFF:	EC	3	$1,537,328.6
12.52	Res - Inter ior o pane tin ds on w in dows - Space Ha ating - CFF:	EC	3	$1,537,328.6
12.53	Res - Inter ior o pane tin ds on w in dows - Space Ha ating - CFF:	EC	3	$1,537,328.6
12.54	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$1,537,328.6
12.55	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$1,537,328.6
12.56	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$1,537,328.6
12.57	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$1,537,328.6
12.58	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$1,537,328.6
12.59	Ind - Stated Mine office ni Pum ps	NEW	10	$1,537,328.6
12.60	Ind - Cold Storage Ref ger ation - Mining Oil & Gas Extraction	NEW	10	$1,537,328.6
12.61	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	16	$1,537,328.6
12.62	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	16	$1,537,328.6
12.63	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	16	$1,537,328.6
12.64	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	16	$1,537,328.6
12.65	Ind - Cold Storage Ref ger ation - Mining Oil & Gas Extraction	NEW	20	$1,537,328.6
12.66	Ind - Stated Mine office ni Pum ps	NEW	20	$1,537,328.6
12.67	Ind - OILCO O&M	NEW	20	$1,537,328.6

	Measure	Low-income Costs ($) (NPV)	Costs Sales $ (Pre-tax) at (2009 dollars)
123.0	Res - ENERGY STAR: Clothes Washers - 100% Applicable	INSIDE	Single Family	Mar	$1,48	$1,379,9
123.1	Res - ENERGY STAR: Clothes Washers - 100% Applicable	INSIDE	Single Family Low Income	Mar	$1,48	$1,379,9
123.2	Res - ENERGY STAR: Clothes Washers - 100% Applicable	INSIDE	Single Family & Mobile Home	Mar	$1,48	$1,379,9
123.3	Res - Clothes wa sher energy efficiency - Energy Star Clothes Washer	INSIDE	CL	Mar	$1,48	$1,379,9
123.4	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family Low Income	Mar	$2,47	$1,379,9
123.5	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Mobile Home	Mar	$2,47	$1,379,9
123.6	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Multi Family Low Income	Mar	$2,47	$1,379,9
123.7	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family	Mar	$2,47	$1,379,9
123.8	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Multi Family	Mar	$2,47	$1,379,9
123.9	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family Low Income	Mar	$2,47	$1,379,9
124.0	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family	Mar	$2,47	$1,379,9
124.1	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family	Mar	$2,47	$1,379,9
124.2	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family Low Income	Mar	$2,47	$1,379,9
124.3	Res - ENERGY STAR Refrigerators - 100% Applicable	INSIDE	Single Family Low Income Any Kind	$2,47	$1,379,9
124.4	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
124.5	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
124.6	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
124.7	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
124.8	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
124.9	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
125.0	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
125.1	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
125.2	Res - Ceiling Insulation - Zip code Heating - ZIP: EC	NEW	Mar	$2,47	$1,379,9
125.3	Res - Inte rior oper able st orm windows - Space Heating - CFF: EC	RET	Mar	$2,48	$1,379,9
125.4	Res - Inte rior oper able st orm windows - Space Heating - CFF: EC	RET	Mar	$2,48	$1,379,9
125.5	Res - Inte rior oper able st orm windows - Space Heating - CFF: EC	RET	Mar	$2,48	$1,379,9
125.6	Res - Inte rior oper able st orm windows - Space Heating - CFF: EC	RET	Mar	$2,48	$1,379,9
125.7	Res - Inte rior oper able st orm windows - Space Heating - CFF: EC	RET	Mar	$2,48	$1,379,9
125.8	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$2,49	$1,379,9
125.9	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$2,49	$1,379,9
126.0	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$2,49	$1,379,9
126.1	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Mar	$2,49	$1,379,9
126.2	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Single Family	Mar	$2,49	$1,379,9
126.3	Res - Ceiling Insulation - Zip code Heating - ZIP: NC	NEW	Single Family Low Income	Mar	$2,49	$1,379,9
126.4	In d - State of Mar e off cient Pum ps	NEW	$16,07	$1,379,9
126.5	In d - State of Mar e off cient Pum ps	NEW	$16,07	$1,379,9
126.6	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	$16,16	$1,379,9
126.7	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	$16,16	$1,379,9
126.8	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	$16,16	$1,379,9
126.9	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	$16,16	$1,379,9
127.0	Res - Ceiling Insulation - Zip code Heating - CFF: EC	NEW	$16,16	$1,379,9
127.1	In d - Cold Storage Ref ger ation - Mining Oil & Gas Extraction	$21,76	$1,379,9
127.2	In d - State of Mar e off cient Pum ps	NEW	$21,76	$1,379,9
127.3	In d - OILCO O&M	NEW	$28,37	$1,379,9

Xcel Energy Colorado Potential TRC Results Screen 2 (Base)

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
1	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (NEW) R_Manufactured (Xcel) SPS	653.35.00	0
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RETI) R_Manufactured (Xcel) SPS	653.35.00	0
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RE0) R_Manufactured (Xcel) SPS	653.35.00	0
4	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (NEW) R_Multi Family (Xcel) SPS	653.35.00	0
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RETI) R_Multi Family (Xcel) SPS	653.35.00	0
6	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RE0) R_Multi Family (Xcel) SPS	653.35.00	0
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (NEW) R_Multi Family Low Income (Xcel) SPS	653.35.00	0
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RETI) R_Multi Family Low Income (Xcel) SPS	653.35.00	0
9	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RE0) R_Multi Family Low Income (Xcel) SPS	653.35.00	0
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (NEW) R_Single Family (Xcel) SPS	653.35.00	0
11	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RETI) R_Single Family (Xcel) SPS	653.35.00	34
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RE0) R_Single Family (Xcel) SPS	653.35.00	34
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (NEW) R_Single Family Low Income (Xcel) SPS	653.35.00	34
14	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RETI) R_Single Family Low Income (Xcel) SPS	653.35.00	34
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable (RE0) R_Single Family Low Income (Xcel) SPS	653.35.00	34
16	Res - Evaporative Cooling - 100% Applicable (NEW) R_Manufactured (Xcel) SPS	691.34	35
17	Res - Evaporative Cooling - 100% Applicable (RETI) R_Manufactured (Xcel) SPS	691.34	35
18	Res - Evaporative Cooling - 100% Applicable (RE0) R_Single Family (Xcel) SPS	691.34	146
19	Res - Evaporative Cooling - 100% Applicable (NEW) R_Single Family (Xcel) SPS	691.34	146
20	Res - Evaporative Cooling - 100% Applicable (RETI) R_Single Family Low Income (Xcel) SPS	691.34	146
21	Res - Evaporative Cooling - 100% Applicable (RE0) R_Single Family Low Income (Xcel) SPS	691.34	146
22	Res - Evaporative Cooling - 100% Applicable (NEW) R_Multi Family (Xcel) SPS	727.74	198
23	Res - Evaporative Cooling - 100% Applicable (RETI) R_Multi Family (Xcel) SPS	727.74	198
24	Res - Evaporative Cooling - 100% Applicable (RE0) R_Multi Family (Xcel) SPS	727.74	198
25	Res - Evaporative Cooling - 100% Applicable (NEW) R_Multi Family Low Income (Xcel) SPS	727.74	198
26	Res - Evaporative Cooling - 100% Applicable (RETI) R_Multi Family Low Income (Xcel) SPS	727.74	198
27	Res - Evaporative Cooling - 100% Applicable (RE0) R_Multi Family Low Income (Xcel) SPS	727.74	198
28	Res - Pre-Rinse Spray Valves (RETI) C_Health (Xcel) SPS	80.31	208
29	Res - Pre-Rinse Spray Valves (RETI) C_Other (Xcel) SPS	80.31	208
30	Res - Pre-Rinse Spray Valves (RETI) C_Office (Xcel) SPS	80.31	208
31	Res - Pre-Rinse Spray Valves (RETI) C_Restaurant (Xcel) SPS	80.31	208
32	Res - Pre-Rinse Spray Valves (RETI) C_Lodging (Xcel) SPS	80.31	208
33	Res - Pre-Rinse Spray Valves (RETI) C_Retail (Xcel) SPS	80.31	208
34	Res - Pre-Rinse Spray Valves (RETI) C_Grocery (Xcel) SPS	80.31	208
35	Res - Pre-Rinse Spray Valves (RETI) C_Warehouse (Xcel) SPS	80.31	208
36	Res - Pre-Rinse Spray Valves (RETI) C_Other (Xcel) SPS	80.31	208
37	Res - Pre-Rinse Spray Valves (RETI) C_Other (Xcel) SPS	80.31	208
38	Res - Pre-Rinse Spray Valves (RETI) C_Agriculture (Xcel) SPS	80.31	208
39	Res - Pre-Rinse Spray Valves (RETI) C_College (Xcel) SPS	80.31	208
40	Res - Pre-Rinse Spray Valves (RETI) C_Health (Xcel) SPS	80.31	208
41	Res - Pre-Rinse Spray Valves (RETI) C_Lodging (Xcel) SPS	80.31	208
42	Res - Pre-Rinse Spray Valves (RETI) C_Retail (Xcel) SPS	80.31	208
43	Res - Pre-Rinse Spray Valves (RETI) C_Grocery (Xcel) SPS	80.31	208
44	Res - Pre-Rinse Spray Valves (RETI) C_Warehouse (Xcel) SPS	80.31	208
45	Res - Pre-Rinse Spray Valves (RETI) C_Other (Xcel) SPS	80.31	208
46	Res - Low-flow Faucet Aerator (RETI) C_Other (Xcel) SPS	33.33	208
47	Res - Low-flow Faucet Aerator (RETI) C_College (Xcel) SPS	17.80	246
48	Res - Low-flow Faucet Aerator (RETI) C_Health (Xcel) SPS	17.80	246
49	Res - Low-flow Faucet Aerator (RETI) C_Lodging (Xcel) SPS	17.80	246
50	Res - Low-flow Faucet Aerator (RETI) C_Retail (Xcel) SPS	17.80	246
51	Res - Low-flow Faucet Aerator (RETI) C_Grocery (Xcel) SPS	17.80	246
52	Res - Low-flow Faucet Aerator (RETI) C_Warehouse (Xcel) SPS	17.80	246
53	Res - Low-flow Faucet Aerator (RETI) C_Other (Xcel) SPS	17.80	246
54	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	15.78	246
55	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	15.78	246
56	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	15.78	246
57	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Multi Family (Xcel) SPS	15.78	246
58	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Multi Family (Xcel) SPS	15.78	246
59	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Multi Family (Xcel) SPS	15.78	246
60	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Multi Family Low Income (Xcel) SPS	15.78	246
61	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Multi Family Low Income (Xcel) SPS	15.78	246
62	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Multi Family Low Income (Xcel) SPS	15.78	246
63	Res - Smart Thermostat - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	12.21	250
64	Res - Smart Thermostat - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	12.21	250
65	Res - Smart Thermostat - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	12.21	250
66	Res - Smart Thermostat - Space Heating - EH + EC (NEW) R_Multi Family (Xcel) SPS	12.21	250
67	Res - Smart Thermostat - Space Heating - EH + EC (RETI) R_Multi Family (Xcel) SPS	12.21	250
68	Res - Smart Thermostat - Space Heating - EH + EC (RE0) R_Multi Family (Xcel) SPS	12.21	250
69	Res - Smart Thermostat - Space Heating - EH + EC (NEW) R_Multi Family Low Income (Xcel) SPS	12.21	250
70	Res - Smart Thermostat - Space Heating - EH + EC (RETI) R_Multi Family Low Income (Xcel) SPS	12.21	250
71	Res - Smart Thermostat - Space Heating - EH + EC (RE0) R_Multi Family Low Income (Xcel) SPS	12.21	250
72	Res - Pulsegen Terminal Heat Pumps (NEW) C_Retail (Xcel) SPS	10.31	253
73	Res - Pulsegen Terminal Heat Pumps (RETI) C_Retail (Xcel) SPS	10.31	253
74	Res - Pulsegen Terminal Heat Pumps (RE0) C_Retail (Xcel) SPS	10.31	253
75	Res - Pulsegen Terminal Heat Pumps (NEW) C_Restaurant (Xcel) SPS	10.31	253
76	Res - Pulsegen Terminal Heat Pumps (RETI) C_Restaurant (Xcel) SPS	10.31	253
77	Res - Pulsegen Terminal Heat Pumps (RE0) C_Restaurant (Xcel) SPS	10.31	253
78	Res - Pulsegen Terminal Heat Pumps (NEW) C_Lodging (Xcel) SPS	10.08	254
79	Res - Pulsegen Terminal Heat Pumps (RETI) C_Lodging (Xcel) SPS	10.08	254
80	Res - Pulsegen Terminal Heat Pumps (RE0) C_Lodging (Xcel) SPS	10.08	254
81	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	10.28	254
82	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	10.28	254
83	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	10.28	254
84	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Single Family (Xcel) SPS	10.28	254
85	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Single Family (Xcel) SPS	10.28	254
86	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Single Family (Xcel) SPS	10.28	254
87	Res - Programmable Thermostat - Space Heating - EH + EC (NEW) R_Single Family Low Income (Xcel) SPS	10.28	254
88	Res - Programmable Thermostat - Space Heating - EH + EC (RETI) R_Single Family Low Income (Xcel) SPS	10.28	254
89	Res - Programmable Thermostat - Space Heating - EH + EC (RE0) R_Single Family Low Income (Xcel) SPS	10.28	254
90	Res - Low-flow Faucet Aerator (RETI) C_Health (Xcel) SPS	9.84	256
91	Res - Low-flow Faucet Aerator (RETI) C_Retail (Xcel) SPS	9.84	256
92	Res - Low-flow Faucet Aerator (RETI) C_Lodging (Xcel) SPS	9.84	256
93	Res - Smart Thermostat - Space Heating - EH + NC (NEW) R_Manufactured (Xcel) SPS	9.25	258
94	Res - Smart Thermostat - Space Heating - EH + NC (RETI) R_Manufactured (Xcel) SPS	9.25	258
95	Res - Smart Thermostat - Space Heating - EH + NC (RE0) R_Manufactured (Xcel) SPS	9.25	258
96	Res - Smart Thermostat - Space Heating - EH + NC (NEW) R_Multi Family (Xcel) SPS	9.25	258
97	Res - Smart Thermostat - Space Heating - EH + NC (RETI) R_Multi Family (Xcel) SPS	9.25	258
98	Res - Smart Thermostat - Space Heating - EH + NC (RE0) R_Multi Family (Xcel) SPS	9.25	258
99	Res - Smart Thermostat - Space Heating - EH + NC (NEW) R_Single Family Low Income (Xcel) SPS	9.25	258
100	Res - Smart Thermostat - Space Heating - EH + NC (RETI) R_Single Family Low Income (Xcel) SPS	9.25	258
101	Res - Smart Thermostat - Space Heating - EH + NC (RE0) R_Single Family Low Income (Xcel) SPS	9.25	258
102	Res - ENERGY STAR Commercial Dishwasher (NEW) C_College (Xcel) SPS	8.67	260
103	Res - ENERGY STAR Commercial Dishwasher (RETI) C_College (Xcel) SPS	8.67	260
104	Res - ENERGY STAR Commercial Dishwasher (RE0) C_College (Xcel) SPS	8.67	260
105	Res - ENERGY STAR Commercial Dishwasher (NEW) C_Health (Xcel) SPS	8.67	260
106	Res - ENERGY STAR Commercial Dishwasher (RETI) C_Health (Xcel) SPS	8.67	260
107	Res - ENERGY STAR Commercial Dishwasher (RE0) C_Health (Xcel) SPS	8.67	260
108	Res - ENERGY STAR Commercial Dishwasher (NEW) C_Lodging (Xcel) SPS	8.67	260
109	Res - ENERGY STAR Commercial Dishwasher (RETI) C_Lodging (Xcel) SPS	8.67	260
110	Res - ENERGY STAR Commercial Dishwasher (RE0) C_Lodging (Xcel) SPS	8.67	260
111	Res - ENERGY STAR Commercial Dishwasher (NEW) C_Restaurant (Xcel) SPS	8.67	260
112	Res - ENERGY STAR Commercial Dishwasher (RETI) C_Restaurant (Xcel) SPS	8.67	260
113	Res - ENERGY STAR Commercial Dishwasher (RE0) C_Restaurant (Xcel) SPS	8.67	260
114	Res - Pulsegen Terminal Heat Pumps (NEW) R_Manufactured (Xcel) SPS	8.63	261
115	Res - Pulsegen Terminal Heat Pumps (RETI) R_Manufactured (Xcel) SPS	8.63	261
116	Res - Pulsegen Terminal Heat Pumps (RE0) R_Manufactured (Xcel) SPS	8.63	261
117	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	8.57	261
118	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	8.57	261
119	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	8.57	261
120	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (NEW) R_Single Family (Xcel) SPS	8.57	261
121	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (RETI) R_Single Family (Xcel) SPS	8.57	261
122	Res - Central AC Heat Pump Quality Installation Verification (QV) - Space Heating - EH + EC (RE0) R_Single Family (Xcel) SPS	8.57	261
123	Res - Dual Stadiums - Space Heating - EH + EC (NEW) R_Multi Family (Xcel) SPS	8.53	261
124	Res - Dual Stadiums - Space Heating - EH + EC (RETI) R_Multi Family (Xcel) SPS	8.53	261
125	Res - Dual Stadiums - Space Heating - EH + EC (RE0) R_Multi Family (Xcel) SPS	8.53	261
126	Res - Dual Stadiums - Space Heating - EH + NC (NEW) R_Single Family (Xcel) SPS	8.53	261
127	Res - Dual Stadiums - Space Heating - EH + NC (RETI) R_Single Family (Xcel) SPS	8.53	261
128	Res - Dual Stadiums - Space Heating - EH + NC (RE0) R_Single Family (Xcel) SPS	8.53	261
129	Res - Pulsegen Terminal Heat Pumps (NEW) C_Health (Xcel) SPS	8.33	264
130	Res - Pulsegen Terminal Heat Pumps (RETI) C_Health (Xcel) SPS	8.33	264
131	Res - Pulsegen Terminal Heat Pumps (RE0) C_Health (Xcel) SPS	8.33	264
132	Res - Pulsegen Terminal Air Conditioners (NEW) C_Lodging (Xcel) SPS	8.25	264
133	Res - Pulsegen Terminal Air Conditioners (RETI) C_Lodging (Xcel) SPS	8.25	264
134	Res - Pulsegen Terminal Air Conditioners (RE0) C_Lodging (Xcel) SPS	8.25	264
135	Res - Pulsegen Terminal Air Conditioners (NEW) C_Retail (Xcel) SPS	8.25	264
136	Res - Pulsegen Terminal Air Conditioners (RETI) C_Retail (Xcel) SPS	8.25	264
137	Res - Pulsegen Terminal Air Conditioners (RE0) C_Retail (Xcel) SPS	8.25	264
138	Res - Customer Incentive (RETI) C_College (Xcel) SPS	8.18	264
139	Res - Customer Incentive (RETI) C_Health (Xcel) SPS	8.18	264
140	Res - Customer Incentive (RETI) C_Lodging (Xcel) SPS	8.18	264
141	Res - Customer Incentive (RETI) C_Retail (Xcel) SPS	8.18	264
142	Res - Customer Incentive (RETI) C_Grocery (Xcel) SPS	8.18	264
143	Res - Customer Incentive (RETI) C_Warehouse (Xcel) SPS	8.18	264
144	Res - Customer Incentive (RETI) C_Other (Xcel) SPS	8.18	264
145	Res - Dual Stadiums - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	8.16	264
146	Res - Dual Stadiums - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	8.16	264
147	Res - Dual Stadiums - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	8.16	264
148	Res - Dual Stadiums - Space Heating - EH + NC (NEW) R_Manufactured (Xcel) SPS	8.16	264
149	Res - Dual Stadiums - Space Heating - EH + NC (RETI) R_Manufactured (Xcel) SPS	8.16	264
150	Res - Dual Stadiums - Space Heating - EH + NC (RE0) R_Manufactured (Xcel) SPS	8.16	264
151	Res - Pulsegen Terminal Heat Pumps (NEW) C_College (Xcel) SPS	8.42	264
152	Res - Pulsegen Terminal Heat Pumps (RETI) C_College (Xcel) SPS	8.42	264
153	Res - Pulsegen Terminal Heat Pumps (RE0) C_College (Xcel) SPS	8.42	264
154	Res - Dual Stadiums - Space Heating - EH + EC (NEW) R_Single Family (Xcel) SPS	8.36	265
155	Res - Dual Stadiums - Space Heating - EH + EC (RETI) R_Single Family (Xcel) SPS	8.36	265
156	Res - Dual Stadiums - Space Heating - EH + EC (RE0) R_Single Family (Xcel) SPS	8.36	265
157	Res - Pulsegen Terminal Heat Pumps (NEW) C_Health (Xcel) SPS	8.33	266
158	Res - Pulsegen Terminal Heat Pumps (RETI) C_Health (Xcel) SPS	8.33	266
159	Res - Pulsegen Terminal Heat Pumps (RE0) C_Health (Xcel) SPS	8.33	266
160	Res - Pulsegen Terminal Air Conditioners (NEW) C_Lodging (Xcel) SPS	8.25	266
161	Res - Pulsegen Terminal Air Conditioners (RETI) C_Lodging (Xcel) SPS	8.25	266
162	Res - Pulsegen Terminal Air Conditioners (RE0) C_Lodging (Xcel) SPS	8.25	266
163	Res - Pulsegen Terminal Air Conditioners (NEW) C_Retail (Xcel) SPS	8.25	266
164	Res - Pulsegen Terminal Air Conditioners (RETI) C_Retail (Xcel) SPS	8.25	266
165	Res - Pulsegen Terminal Air Conditioners (RE0) C_Retail (Xcel) SPS	8.25	266
166	Res - Customer Incentive (RETI) C_College (Xcel) SPS	8.18	266
167	Res - Customer Incentive (RETI) C_Health (Xcel) SPS	8.18	266
168	Res - Customer Incentive (RETI) C_Lodging (Xcel) SPS	8.18	266
169	Res - Customer Incentive (RETI) C_Retail (Xcel) SPS	8.18	266
170	Res - Customer Incentive (RETI) C_Grocery (Xcel) SPS	8.18	266
171	Res - Customer Incentive (RETI) C_Warehouse (Xcel) SPS	8.18	266
172	Res - Customer Incentive (RETI) C_Other (Xcel) SPS	8.18	266
173	Res - Anti-Sweat Heater Controls (RETI) C_College (Xcel) SPS	7.93	266
174	Res - Anti-Sweat Heater Controls (RETI) C_Health (Xcel) SPS	7.93	266
175	Res - Anti-Sweat Heater Controls (RETI) C_Lodging (Xcel) SPS	7.93	266
176	Res - Anti-Sweat Heater Controls (RETI) C_Retail (Xcel) SPS	7.93	266
177	Res - Anti-Sweat Heater Controls (RETI) C_Grocery (Xcel) SPS	7.93	266
178	Res - Anti-Sweat Heater Controls (RETI) C_Warehouse (Xcel) SPS	7.93	266
179	Res - Anti-Sweat Heater Controls (RETI) C_Other (Xcel) SPS	7.93	266
180	Res - Anti-Sweat Heater Controls (RETI) C_Restaurant (Xcel) SPS	7.93	266
181	Res - Anti-Sweat Heater Controls (RETI) C_Other (Xcel) SPS	7.93	266
182	Res - Anti-Sweat Heater Controls (RETI) C_School (Xcel) SPS	7.93	266
183	Res - Anti-Sweat Heater Controls (RETI) C_Warehouse (Xcel) SPS	7.93	267
184	Res - Anti-Sweat Heater Controls (RETI) C_Health (Xcel) SPS	7.93	267
185	Res - Interior LED Lamp (NEW) C_Health (Xcel) SPS	7.38	267
186	Res - Interior LED Lamp (RETI) C_Health (Xcel) SPS	7.38	267
187	Res - Interior LED Lamp (RE0) C_Health (Xcel) SPS	7.38	267
188	Res - Pulsegen Terminal Air Conditioners (NEW) C_College (Xcel) SPS	7.33	267
189	Res - Pulsegen Terminal Air Conditioners (RETI) C_College (Xcel) SPS	7.33	267
190	Res - Pulsegen Terminal Air Conditioners (RE0) C_College (Xcel) SPS	7.33	267
191	Res - Pulsegen Terminal Air Conditioners (NEW) C_Office (Xcel) SPS	7.28	268
192	Res - Pulsegen Terminal Air Conditioners (RETI) C_Office (Xcel) SPS	7.28	268
193	Res - Pulsegen Terminal Air Conditioners (RE0) C_Office (Xcel) SPS	7.28	268
194	Res - Pulsegen Terminal Heat Pumps (NEW) C_Grocery (Xcel) SPS	7.24	268
195	Res - Pulsegen Terminal Heat Pumps (RETI) C_Grocery (Xcel) SPS	7.24	268
196	Res - Pulsegen Terminal Heat Pumps (RE0) C_Grocery (Xcel) SPS	7.24	268
197	Res - Pulsegen Terminal Air Conditioners (NEW) C_Health (Xcel) SPS	7.33	268
198	Res - Pulsegen Terminal Air Conditioners (RETI) C_Health (Xcel) SPS	7.33	268
199	Res - Pulsegen Terminal Air Conditioners (RE0) C_Health (Xcel) SPS	7.33	268
200	Res - Exterior LED Lamp (NEW) C_Other (Xcel) SPS	7.16	268
201	Res - Exterior LED Lamp (RETI) C_Other (Xcel) SPS	7.16	268
202	Res - Exterior LED Lamp (RE0) C_Other (Xcel) SPS	7.16	268
203	Res - Exterior LED Lamp (NEW) C_Restaurant (Xcel) SPS	7.09	268
204	Res - Exterior LED Lamp (RETI) C_Restaurant (Xcel) SPS	7.09	268
205	Res - Exterior LED Lamp (RE0) C_Restaurant (Xcel) SPS	7.09	268
206	Res - Exterior LED Lamp (NEW) C_Retail (Xcel) SPS	7.03	268
207	Res - Exterior LED Lamp (RETI) C_Retail (Xcel) SPS	7.03	268
208	Res - Exterior LED Lamp (RE0) C_Retail (Xcel) SPS	7.03	268
209	Res - Exterior LED Lamp (NEW) C_Office (Xcel) SPS	6.97	268
210	Res - Exterior LED Lamp (RETI) C_Office (Xcel) SPS	6.97	268
211	Res - Exterior LED Lamp (RE0) C_Office (Xcel) SPS	6.97	268
212	Res - Exterior LED Lamp (NEW) C_College (Xcel) SPS	6.84	268
213	Res - Exterior LED Lamp (RETI) C_College (Xcel) SPS	6.84	268
214	Res - Exterior LED Lamp (RE0) C_College (Xcel) SPS	6.84	268
215	Res - Exterior LED Lamp (NEW) C_Other (Xcel) SPS	6.73	268
216	Res - Exterior LED Lamp (RETI) C_Other (Xcel) SPS	6.73	268
217	Res - Exterior LED Lamp (RE0) C_Other (Xcel) SPS	6.73	268
218	Res - Ceiling Insulation - Space Heating - EH + EC (NEW) R_Manufactured (Xcel) SPS	6.60	268
219	Res - Ceiling Insulation - Space Heating - EH + EC (RETI) R_Manufactured (Xcel) SPS	6.60	268
220	Res - Ceiling Insulation - Space Heating - EH + EC (RE0) R_Manufactured (Xcel) SPS	6.60	268
221	Res - Ceiling Insulation - Space Heating - EH + EC (NEW) R_Multi Family (Xcel) SPS	6.60	268
222	Res - Ceiling Insulation - Space Heating - EH + EC (RETI) R_Multi Family (Xcel) SPS	6.60	268
223	Res - Ceiling Insulation - Space Heating - EH + EC (RE0) R_Multi Family (Xcel) SPS	6.60	268
224	Res - Ceiling Insulation - Space Heating - EH + EC (NEW) R_Single Family (Xcel) SPS	6.60	268
225	Res - Ceiling Insulation - Space Heating - EH + EC (RETI) R_Single Family (Xcel) SPS	6.60	268
226	Res - Ceiling Insulation - Space Heating - EH + EC (RE0) R_Single Family (Xcel) SPS	6.60	268
227	Res - Pulsegen Terminal Air Conditioners (NEW) C_Warehouse (Xcel) SPS	6.55	268
228	Res - Pulsegen Terminal Air Conditioners (RETI) C_Warehouse (Xcel) SPS	6.55	268
229	Res - Pulsegen Terminal Air Conditioners (RE0) C_Warehouse (Xcel) SPS	6.55	268
230	Res - Pulsegen Terminal Heat Pumps (NEW) C_School (Xcel) SPS	6.38	268
231	Res - Pulsegen Terminal Heat Pumps (RETI) C_School (Xcel) SPS	6.38	268
232	Res - Pulsegen Terminal Heat Pumps (RE0) C_School (Xcel) SPS	6.38	268
233	Res - Pulsegen Terminal Air Conditioners (NEW) C_Grocery (Xcel) SPS	6.28	268
234	Res - Pulsegen Terminal Air Conditioners (RETI) C_Grocery (Xcel) SPS	6.28	268
235	Res - Pulsegen Terminal Air Conditioners (RE0) C_Grocery (Xcel) SPS	6.28	268
236	Res - Pulsegen Terminal Heat Pumps (NEW) C_Other (Xcel) SPS	6.22	268
237	Res - Pulsegen Terminal Heat Pumps (RETI) C_Other (Xcel) SPS	6.22	268
238	Res - Pulsegen Terminal Heat Pumps (RE0) C_Other (Xcel) SPS	6.22	268
239	Res - Exterior LED Lamp (NEW) C_Grocery (Xcel) SPS	6.22	268
240	Res - Exterior LED Lamp (RETI) C_Grocery (Xcel) SPS	6.22	268
241	Res - Exterior LED Lamp (RE0) C_Grocery (Xcel) SPS	6.22	268
242	Res - Customer Incentive (RETI) C_College (Xcel) SPS	6.18	268
243	Res - Customer Incentive (RETI) C_Health (Xcel) SPS	6.18	268
244	Res - Customer Incentive (RETI) C_Health (Xcel) SPS	6.18	268
245	Res - Customer Incentive (RETI) C_Lodging (Xcel) SPS	6.18	268
246	Res - Customer Incentive (RETI) C_Retail (Xcel) SPS	6.18	268
247	Res - Customer Incentive (RETI) C_Grocery (Xcel) SPS	6.18	268
248	Res - Customer Incentive (RETI) C_Warehouse (Xcel) SPS	6.18	268
249	Res - Customer Incentive (RETI) C_Other (Xcel) SPS	6.18	268
250	Res - Customer Incentive (RETI) C_Restaurant (Xcel) SPS	6.18	268
251	Res - Customer Incentive (RETI) C_Other (Xcel) SPS	6.18	268
252	Res - Customer Incentive (RETI) C_School (Xcel) SPS	6.18	268
253	Res - Customer Incentive (RETI) C_Warehouse (Xcel) SPS	6.18	268
254	Res - Customer Incentive (RETI) C_Health (Xcel) SPS	6.18	268
255	Res - Dual Stadiums - Space Heating - EH + NC (NEW) R_Manufactured (Xcel) SPS	5.80	268
256	Res - Dual Stadiums - Space Heating - EH + NC (RETI) R_Manufactured (Xcel) SPS	5.80	268
257	Res - Dual Stadiums - Space Heating - EH + NC (RE0) R_Manufactured (Xcel) SPS	5.80	268
258	Res - Low-flow Showerheads - 100% Applicable (RETI) R_Multi Family (Xcel) SPS	5.47	268
259	Res - Dual Stadiums - Space Heating - EH + NC (NEW) R_Multi Family (Xcel) SPS	5.39	268
260	Res - Dual Stadiums - Space Heating - EH + NC (RETI) R_Multi Family (Xcel) SPS	5.39	268
261	Res - Dual Stadiums - Space Heating - EH + NC (RE0) R_Multi Family (Xcel) SPS	5.39	268
262	Res - Dual Stadiums - Space Heating - EH + NC (NEW) R_Single Family (Xcel) SPS	5.39	268
263	Res - Dual Stadiums - Space Heating - EH + NC (RETI) R_Single Family (Xcel) SPS	5.39	268
264	Res - Dual Stadiums - Space Heating - EH + NC (RE0) R_Single Family (Xcel) SPS	5.39	268
265	Res - Pulsegen Terminal Air Conditioners (NEW) C_Other (Xcel) SPS	5.34	268
266	Res - Pulsegen Terminal Air Conditioners (RETI) C_Other (Xcel) SPS	5.34	268
267	Res - Pulsegen Terminal Air Conditioners (RE0) C_Other (Xcel) SPS	5.34	268
268	Res - Pulsegen Terminal Heat Pumps (NEW) C_Restaurant (Xcel) SPS	5.34	268
269	Res - Pulsegen Terminal Heat Pumps (RETI) C_Restaurant (Xcel) SPS	5.34	268
270	Res - Pulsegen Terminal Heat Pumps (RE0) C_Restaurant (Xcel) SPS	5.34	268
271	Res - Low-flow Faucet Aerator (RETI) C_Retail (Xcel) SPS	5.09	268
272	Res - Low-flow Faucet Aerator (RETI) C_Lodging (Xcel) SPS	5.09	268
273	Res - Dew Point Controls (RETI) C_Manufacturing (Xcel) SPS	5.06	268
274	Res - Dew Point Controls (RETI) C_Other (Xcel) SPS	5.06	268
275	Res - Dew Point Controls (RETI) C_Mining Oil & Gas Extraction (Xcel) SPS	5.06	268
276	Res - Dew Point Controls (RETI) C_Agriculture (Xcel) SPS	5.06	268
277	Res - Dew Point Controls (RETI) C_Manufacturing (Xcel) SPS	5.06	268
278	Res - Dew Point Controls (RETI) C_Mining Oil & Gas Extraction (Xcel) SPS	5.06	268
279	Res - Ceiling Insulation - Space Heating - EH + NC (NEW) R_Manufactured (Xcel) SPS	4.91	268
280	Res - Ceiling Insulation - Space Heating - EH + NC (RETI) R_Manufactured (

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
246	Res - ENERGY STAR Windows - Space Heating - EH + ECI	RER	R_Single Family Low Income	Xcel	SPS	4.5	0.57
247	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Single Family Low Income	Xcel	SPS	4.10	0.57
248	Com - Interior Lighting (including high, medium, low bay lamps)	NER	C_Lodging	Xcel	SPS	4.51	0.57
249	Com - Interior Lighting (including high, medium, low bay lamps)	ROB	C_Lodging	Xcel	SPS	4.51	0.57
250	Com - Heat Pump Water Heater	NER	C_Lodging	Xcel	SPS	3.80	0.58
251	Com - Roof/Air Conditioners	NER	C_College	Xcel	SPS	3.90	0.76
252	Com - Roof/Air Conditioners	NER	C_Office	Xcel	SPS	3.90	0.92
253	Com - Roof/Air Conditioners	NER	C_Other	Xcel	SPS	3.90	0.92
254	Com - Roof/Air Conditioners	NER	C_Health	Xcel	SPS	3.90	0.92
255	Com - Roof/Air Conditioners	ROB	C_Health	Xcel	SPS	3.90	0.92
256	Com - Packaged Terminal Heat Pumps	RET	C_Office	Xcel	SPS	3.84	0.92
257	Com - Packaged Terminal Heat Pumps	RET	C_College	Xcel	SPS	3.75	0.92
258	Res - ENERGY STAR Windows - Space Heating - EH + ECI	NER	R_Manufactured	Xcel	SPS	3.76	0.92
259	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Manufactured	Xcel	SPS	3.76	0.92
260	Res - ENERGY STAR Windows - Space Heating - EH + ECI	NER	R_Multi Family	Xcel	SPS	3.76	0.93
261	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Multi Family	Xcel	SPS	3.76	0.93
262	Res - ENERGY STAR Windows - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	3.76	0.94
263	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Multi Family Low Income	Xcel	SPS	3.76	0.94
264	Res - ENERGY STAR Windows - Space Heating - EH + ECI	NER	R_Single Family	Xcel	SPS	3.76	0.94
265	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Single Family	Xcel	SPS	3.76	0.11
266	Res - ENERGY STAR Windows - Space Heating - EH + ECI	NER	R_Single Family Low Income	Xcel	SPS	3.76	0.16
267	Res - ENERGY STAR Windows - Space Heating - EH + ECI	ROB	R_Single Family Low Income	Xcel	SPS	3.76	0.16
268	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Multi Family	Xcel	SPS	3.76	0.16
269	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	3.76	0.16
270	Res - Linear LEDs - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	3.77	0.16
271	Res - Linear LEDs - Space Heating - EH + ECI	NER	R_Single Family	Xcel	SPS	3.77	0.16
272	Res - Linear LEDs - Space Heating - EH + ECI	NER	R_Single Family Low Income	Xcel	SPS	3.77	0.16
273	Com - LED Refrigerated Case Lighting	RET	C_Lodging	Xcel	SPS	3.76	0.16
274	Com - Packaged Terminal Heat Pumps	RET	C_Health	Xcel	SPS	3.74	0.16
275	Com - Packaged Terminal Air Conditioners	RET	C_Lodging	Xcel	SPS	3.73	0.17
276	Com - Packaged Terminal Air Conditioners	RET	C_Other	Xcel	SPS	3.73	0.17
277	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Other	Xcel	SPS	3.72	0.17
278	Com - Packaged Terminal Air Conditioners	RET	C_Retail	Xcel	SPS	3.72	0.17
279	Res - Programmable Thermostat - Space Heating - EH + ECI	NER	R_Manufactured	Xcel	SPS	3.72	0.17
280	Res - Programmable Thermostat - Space Heating - EH + ECI	NER	R_Multi Family	Xcel	SPS	3.72	0.17
281	Res - Programmable Thermostat - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	3.72	0.17
282	Res - Programmable Thermostat - Space Heating - EH + ECI	NER	R_Single Family	Xcel	SPS	3.72	0.17
283	Res - Programmable Thermostat - Space Heating - EH + ECI	NER	R_Single Family Low Income	Xcel	SPS	3.72	0.17
284	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Manufactured	Xcel	SPS	3.70	0.21
285	Res - Air Source Heat Pump	RET	C_Manufacturing	Xcel	SPS	3.70	0.21
286	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Multi Family	Xcel	SPS	3.70	0.21
287	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	3.70	0.21
288	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Single Family	Xcel	SPS	3.70	0.21
289	Res - Smart Thermostat - Space Heating - EH + ECI	NER	R_Single Family Low Income	Xcel	SPS	3.70	0.21
290	Com - Interior LED Lamp - PARKING AREA	NER	C_Restaurant	Xcel	SPS	3.64	0.22
291	Com - Interior LED Lamp - PARKING AREA	ROB	C_Restaurant	Xcel	SPS	3.64	0.22
292	Com - Custom cooling	NER	C_College	Xcel	SPS	3.53	0.22
293	Com - Custom cooling	NER	C_Office	Xcel	SPS	3.53	0.22
294	Com - Custom cooling	NER	C_Health	Xcel	SPS	3.53	0.22
295	Com - Custom cooling	NER	C_Lodging	Xcel	SPS	3.53	0.22
296	Com - Custom cooling	NER	C_Mining Oil & Gas Extraction	Xcel	SPS	3.53	0.22
297	Com - Custom cooling	NER	C_Office	Xcel	SPS	3.53	0.22
298	Com - Custom cooling	NER	C_Other	Xcel	SPS	3.53	0.22
299	Com - Custom cooling	NER	C_Restaurant	Xcel	SPS	3.53	0.22
300	Com - Custom cooling	NER	C_Retail	Xcel	SPS	3.53	0.22
301	Com - Custom cooling	NER	C_School	Xcel	SPS	3.53	0.22
302	Com - Custom cooling	NER	C_Warehouse	Xcel	SPS	3.53	0.22
303	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_School	Xcel	SPS	3.51	0.31
304	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Outdoor	Xcel	SPS	3.51	0.31
305	Com - Packaged Terminal Air Conditioners	RET	C_Restaurant	Xcel	SPS	3.50	0.31
306	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_College	Xcel	SPS	3.49	0.31
307	Com - Room Air Conditioners	NER	C_Warehouse	Xcel	SPS	3.49	0.31
308	Com - Room Air Conditioners	NER	C_Grocery	Xcel	SPS	3.47	0.31
309	Com - Room Air Conditioners	NER	C_Grocery	Xcel	SPS	3.47	0.31
310	Com - Room Air Conditioners	ROB	C_Grocery	Xcel	SPS	3.47	0.31
311	Com - Packaged Terminal Heat Pumps	RET	C_Warehouse	Xcel	SPS	3.43	0.33
312	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_College	Xcel	SPS	3.39	0.33
313	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_College	Xcel	SPS	3.39	0.33
314	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Office	Xcel	SPS	3.38	0.33
315	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Office	Xcel	SPS	3.38	0.33
316	Com - Packaged Terminal Air Conditioners	RET	C_College	Xcel	SPS	3.35	0.34
317	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Health	Xcel	SPS	3.35	0.34
318	Com - Packaged Terminal Heat Pumps	RET	C_Grocery	Xcel	SPS	3.34	0.34
319	Com - Packaged Terminal Air Conditioners	RET	C_Health	Xcel	SPS	3.25	0.46
320	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Health	Xcel	SPS	3.23	0.47
321	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Health	Xcel	SPS	3.23	0.47
322	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Retail	Xcel	SPS	3.23	0.47
323	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Retail	Xcel	SPS	3.23	0.47
324	Com - Interior LED Lamp - PARKING AREA	NER	C_Health	Xcel	SPS	3.22	0.48
325	Com - Interior LED Lamp - PARKING AREA	ROB	C_Health	Xcel	SPS	3.22	0.48
326	Com - Interior LED Lamp - PARKING AREA	NER	C_Retail	Xcel	SPS	3.15	0.48
327	Com - Interior LED Lamp - PARKING AREA	ROB	C_Retail	Xcel	SPS	3.15	0.48
328	Res - Linear LEDs - Space Heating - EH + ECI	RET	R_Manufactured	Xcel	SPS	3.15	0.48
329	Res - Linear LEDs - Space Heating - EH + ECI	RET	R_Multi Family	Xcel	SPS	3.14	0.48
330	Res - Linear LEDs - Space Heating - EH + ECI	RER	R_Multi Family Low Income	Xcel	SPS	3.14	0.48
331	Res - Linear LEDs - Space Heating - EH + ECI	RER	R_Single Family	Xcel	SPS	3.14	0.48
332	Res - Linear LEDs - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	3.14	0.48
333	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Restaurant	Xcel	SPS	3.09	0.49
334	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Restaurant	Xcel	SPS	3.09	0.49
335	Com - LED Refrigerated Case Lighting	RET	C_Grocery	Xcel	SPS	3.05	0.50
336	Com - LED Refrigerated Case Lighting	RET	C_Warehouse	Xcel	SPS	3.05	0.50
337	Com - Interior LED Lamp - PARKING AREA	NER	C_Warehouse	Xcel	SPS	3.05	0.50
338	Com - Interior LED Lamp - PARKING AREA	ROB	C_Warehouse	Xcel	SPS	3.05	0.50
339	Res - Low Flow Showerheads - 100% Applicable	NER	R_Multi Family	Xcel	SPS	3.05	0.50
340	Res - Low Flow Showerheads - 100% Applicable	NER	R_Multi Family Low Income	Xcel	SPS	3.05	0.50
341	Res - Duct Sealing - Space Heating - EH + ECI	RET	R_Manufactured	Xcel	SPS	3.01	0.51
342	Res - Duct Sealing - Space Heating - EH + ECI	RET	R_Multi Family	Xcel	SPS	2.91	0.51
343	Res - Duct Sealing - Space Heating - EH + ECI	RER	R_Multi Family Low Income	Xcel	SPS	2.91	0.51
344	Res - Duct Sealing - Space Heating - EH + ECI	RER	R_Single Family	Xcel	SPS	2.91	0.51
345	Res - Duct Sealing - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	2.91	0.51
346	Com - Chillers (air cooled, centrifugal, screw/rotary)	NER	C_Health	Xcel	SPS	2.89	0.61
347	Com - Chillers (air cooled, centrifugal, screw/rotary)	ROB	C_Health	Xcel	SPS	2.89	0.61
348	Com - Packaged Terminal Air Conditioners	RET	C_Grocery	Xcel	SPS	2.84	0.61
349	Com - Packaged Terminal Heat Pumps	RET	C_Other	Xcel	SPS	2.83	0.61
350	Com - Room Air Conditioners - 100% Applicable	NER	R_Manufactured	Xcel	SPS	2.73	0.61
351	Com - Room Air Conditioners	NER	C_Other	Xcel	SPS	2.73	0.61
352	Com - Room Air Conditioners	ROB	C_Other	Xcel	SPS	2.73	0.61
353	Com - Interior LED Lamp - PARKING AREA	NER	C_Grocery	Xcel	SPS	2.72	0.61
354	Com - Interior LED Lamp - PARKING AREA	ROB	C_Grocery	Xcel	SPS	2.72	0.61
355	Com - LED Refrigerated Case Lighting	RET	C_College	Xcel	SPS	2.72	0.61
356	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Grocery	Xcel	SPS	2.68	0.62
357	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Grocery	Xcel	SPS	2.68	0.62
358	Com - Room Air Conditioners	NER	C_College	Xcel	SPS	2.64	0.62
359	Com - Room Air Conditioners	NER	C_Office	Xcel	SPS	2.64	0.62
360	Com - Room Air Conditioners	NER	C_School	Xcel	SPS	2.64	0.62
361	Com - Room Air Conditioners	NER	C_Warehouse	Xcel	SPS	2.64	0.62
362	Com - Room Air Conditioners	NER	C_Health	Xcel	SPS	2.64	0.62
363	Com - Low Flow Showerheads - 100% Applicable	NER	R_Single Family	Xcel	SPS	2.64	0.63
364	Com - Low Flow Showerheads - 100% Applicable	NER	R_Single Family Low Income	Xcel	SPS	2.64	0.63
365	Res - Duct Blaster Duct Leakage Test - Space Heating - EH + ECI	RER	R_Manufactured	Xcel	SPS	2.53	0.64
366	Res - Duct Blaster Duct Leakage Test - Space Heating - EH + ECI	RER	R_Multi Family	Xcel	SPS	2.53	0.64
367	Res - Duct Blaster Duct Leakage Test - Space Heating - EH + ECI	RER	R_Multi Family Low Income	Xcel	SPS	2.53	0.64
368	Res - Duct Blaster Duct Leakage Test - Space Heating - EH + ECI	RER	R_Single Family	Xcel	SPS	2.53	0.64
369	Res - Duct Blaster Duct Leakage Test - Space Heating - EH + ECI	RER	R_Single Family Low Income	Xcel	SPS	2.53	0.64
370	Res - Air Conditioner Optimization	RET	L_Manufacturing	Xcel	SPS	2.53	0.70
371	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NER	C_Warehouse	Xcel	SPS	2.51	0.76
372	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	C_Warehouse	Xcel	SPS	2.51	0.76
373	Com - Interior LED Lamp - PARKING AREA	NER	C_Office	Xcel	SPS	2.50	0.76
374	Com - Interior LED Lamp - PARKING AREA	ROB	C_Office	Xcel	SPS	2.50	0.76
375	Res - Linear LEDs - Space Heating - EH + NC	RET	R_Multi Family	Xcel	SPS	2.47	0.76
376	Res - Linear LEDs - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	2.47	0.76
377	Res - Linear LEDs - Space Heating - EH + NC	RET	R_Multi Family Low Income	Xcel	SPS	2.47	0.76
378	Res - Linear LEDs - Space Heating - EH + NC	RET	R_Single Family	Xcel	SPS	2.47	0.76
379	Res - Linear LEDs - Space Heating - EH + NC	RET	R_Single Family Low Income	Xcel	SPS	2.47	0.76
380	Com - Interior LED Lamp - PARKING AREA	NER	C_Other	Xcel	SPS	2.45	0.76
381	Com - Interior LED Lamp - PARKING AREA	ROB	C_Other	Xcel	SPS	2.45	0.76
382	Com - Exterior LED Fixture	NER	C_Health	Xcel	SPS	2.45	0.77
383	Com - Exterior LED Fixture	ROB	C_Health	Xcel	SPS	2.45	0.77
384	Com - LED Refrigerated Case Lighting	RET	C_Other	Xcel	SPS	2.41	0.82
385	Com - LED Refrigerated Case Lighting	RET	C_Office	Xcel	SPS	2.41	0.82
386	Res - Occupancy Sensors (for HP conversions) - 100% Applicable	RET	R_Multi Family	Xcel	SPS	2.40	0.92
387	Res - Occupancy Sensors (for HP conversions) - 100% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	2.40	0.92
388	Com - Exterior LED Fixture	NER	C_School	Xcel	SPS	2.36	0.94
389	Com - Exterior LED Fixture	ROB	C_School	Xcel	SPS	2.36	0.94
390	Com - Exterior LED Fixture	NER	C_Restaurant	Xcel	SPS	2.33	0.94
391	Com - Exterior LED Fixture	ROB	C_Restaurant	Xcel	SPS	2.33	0.94
392	Com - Exterior LED Fixture	NER	C_Retail	Xcel	SPS	2.31	0.94
393	Com - Exterior LED Fixture	ROB	C_Retail	Xcel	SPS	2.31	0.94
394	Com - Exterior LED Fixture	NER	C_College	Xcel	SPS	2.31	0.95
395	Com - Exterior LED Fixture	ROB	C_College	Xcel	SPS	2.31	0.95
396	Com - Custom Lighting	NER	C_College	Xcel	SPS	2.29	0.95
397	Com - Custom Lighting	NER	C_Grocery	Xcel	SPS	2.29	0.95
398	Com - Custom Lighting	NER	C_Health	Xcel	SPS	2.29	0.95
399	Com - Custom Lighting	NER	C_Lodging	Xcel	SPS	2.29	0.95
400	Com - Custom Lighting	NER	C_Mining Oil & Gas Extraction	Xcel	SPS	2.29	0.95
401	Com - Custom Lighting	NER	C_Office	Xcel	SPS	2.29	0.95
402	Com - Custom Lighting	NER	C_Other	Xcel	SPS	2.29	0.95
403	Com - Custom Lighting	NER	C_Restaurant	Xcel	SPS	2.29	0.95
404	Com - Custom Lighting	NER	C_Retail	Xcel	SPS	2.29	0.95
405	Com - Custom Lighting	NER	C_School	Xcel	SPS	2.29	0.95
406	Com - Custom Lighting	NER	C_Warehouse	Xcel	SPS	2.29	0.95
407	Com - Custom Lighting	NER	C_Other	Xcel	SPS	2.29	0.95
408	Com - Exterior LED Fixture	NER	C_Office	Xcel	SPS	2.28	0.95
409	Ind - LED Lighting for Industrial Applications	NER	C_Mining Oil & Gas Extraction	Xcel	SPS	2.24	0.71
410	Ind - LED Lighting for Industrial Applications	RER	C_Mining Oil & Gas Extraction	Xcel	SPS	2.24	0.71
411	Ind - LED Lighting for Industrial Applications	RET	C_Agriculture	Xcel	SPS	2.24	0.71
412	Ind - LED Lighting for Industrial Applications	RET	C_Manufacturing	Xcel	SPS	2.24	0.71
413	Ind - LED Lighting for Industrial Applications	RET	C_Manufacturing	Xcel	SPS	2.24	0.71
414	Com - Exterior LED Fixture	NER	C_College	Xcel	SPS	2.24	0.71
415	Com - Exterior LED Fixture	ROB	C_College	Xcel	SPS	2.24	0.71
416	Res - Low Flow Faucet Aerator - 100% Applicable	RET	R_Manufactured	Xcel	SPS	2.24	0.71
417	Res - Low Flow Faucet Aerator - 100% Applicable	RET	R_Multi Family	Xcel	SPS	2.24	0.71
418	Res - Low Flow Faucet Aerator - 100% Applicable	RET	R_Multi Family Low Income	Xcel	SPS	2.24	0.71
419	Res - Low Flow Faucet Aerator - 100% Applicable	RET	R_Single Family	Xcel	SPS	2.24	0.71
420	Res - Low Flow Faucet Aerator - 100% Applicable	RET	R_Single Family Low Income	Xcel	SPS	2.24	0.71
421	Com - Low Flow Faucet Aerator	NER	C_Lodging	Xcel	SPS	2.23	0.71
422	Com - Low Flow Faucet Aerator	NER	C_Restaurant	Xcel	SPS	2.23	0.71
423	Com - Exterior LED Fixture	NER	C_Other	Xcel	SPS	2.23	0.71
424	Com - Exterior LED Fixture	ROB	C_Other	Xcel	SPS	2.23	0.71
425	Res - Infiltration Reduction - Space Heating - EH + ECI	RET	R_Manufactured	Xcel	SPS	2.19	0.73
426	Res - Infiltration Reduction - Space Heating - EH + ECI	RET	R_Multi Family	Xcel	SPS	2.19	0.73
427	Res - Infiltration Reduction - Space Heating - EH + ECI	RET	R_Multi Family Low Income	Xcel	SPS	2.19	0.73
428	Res - Infiltration Reduction - Space Heating - EH + ECI	RET	R_Single Family	Xcel	SPS	2.19	0.73
429	Res - Infiltration Reduction - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	2.19	0.73
430	Com - Interior LED Lamp - PARKING AREA	NER	C_College	Xcel	SPS	2.12	0.76
431	Com - Interior LED Lamp - PARKING AREA	ROB	C_College	Xcel	SPS	2.12	0.76
432	Com - Room Air Conditioners	RET	C_Retail	Xcel	SPS	2.12	0.76
433	Com - Interior LED Lamp - PARKING AREA	NER	C_Office	Xcel	SPS	2.09	0.76
434	Com - Interior LED Lamp - PARKING AREA	NER	C_School	Xcel	SPS	2.09	0.76
435	Com - Interior LED Lamp - PARKING AREA	ROB	C_School	Xcel	SPS	2.09	0.76
436	Com - Room Air Conditioners	RET	C_Lodging	Xcel	SPS	2.06	0.77
437	Com - Exterior LED Fixture	NER	C_Grocery	Xcel	SPS	2.05	0.77
438	Com - Exterior LED Fixture	ROB	C_Grocery	Xcel	SPS	2.05	0.77
439	Com - Chillers (air cooled, centrifugal, screw/rotary)	NER	C_College	Xcel	SPS	2.02	0.77
440	Com - Chillers (air cooled, centrifugal, screw/rotary)	ROB	C_College	Xcel	SPS	2.02	0.77
441	Ind - Air Compressor Optimization	RET	C_Mining Oil & Gas Extraction	Xcel	SPS	1.97	0.78
442	Ind - Air Compressor Optimization	RET	L_Agriculture	Xcel	SPS	1.97	0.78
443	Ind - Air Compressor Optimization	RET	L_Manufacturing	Xcel	SPS	1.97	0.78
444	Com - Chest Refrigerated Pre-Cooling	NER	C_Lodging	Xcel	SPS	1.96	0.78
445	Com - Chest Refrigerated Pre-Cooling	ROB	C_Lodging	Xcel	SPS	1.96	0.78
446	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	NER	R_Manufactured	Xcel	SPS	1.95	0.78
447	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	NER	R_Multi Family	Xcel	SPS	1.95	0.78
448	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	NER	R_Multi Family Low Income	Xcel	SPS	1.95	0.78
449	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	NER	R_Single Family	Xcel	SPS	1.95	0.78
450	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	NER	R_Single Family Low Income	Xcel	SPS	1.95	0.78
451	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RER	R_Manufactured	Xcel	SPS	1.95	0.78
452	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RER	R_Multi Family	Xcel	SPS	1.95	0.78
453	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RER	R_Multi Family Low Income	Xcel	SPS	1.95	0.78
454	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RER	R_Single Family	Xcel	SPS	1.95	0.78
455	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RER	R_Single Family Low Income	Xcel	SPS	1.95	0.78
456	Com - Exterior LED Fixture	NER	C_Warehouse	Xcel	SPS	1.91	0.78
457	Com - Exterior LED Fixture	ROB	C_Warehouse	Xcel	SPS	1.91	0.78
458	Com - Chillers (air cooled, centrifugal, screw/rotary)	NER	C_Lodging	Xcel	SPS	1.89	0.79
459	Com - Chillers (air cooled, centrifugal, screw/rotary)	ROB	C_Lodging	Xcel	SPS	1.89	0.79
460	Res - Infiltration - Space Heating - EH + ECI	RET	R_Manufactured	Xcel	SPS	1.84	0.79
461	Res - Infiltration - Space Heating - EH + ECI	RET	R_Multi Family	Xcel	SPS	1.84	0.79
462	Res - Infiltration - Space Heating - EH + ECI	RET	R_Multi Family Low Income	Xcel	SPS	1.84	0.79
463	Res - Infiltration - Space Heating - EH + ECI	RET	R_Single Family	Xcel	SPS	1.84	0.79
464	Res - Infiltration - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	1.84	0.79
465	Res - Infiltration - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	1.85	0.79
466	Com - Room Air Conditioners	RET	C_College	Xcel	SPS	1.87	0.79
467	Com - Exterior LED Fixture - High Mast Lum Exc Bay	NER	C_Grocery	Xcel	SPS	1.84	0.79
468	Com - Exterior LED Fixture - High Mast Lum Exc Bay	ROB	C_Grocery	Xcel	SPS	1.84	0.79
469	Com - Exterior LED Fixture - High Mast Lum Exc Bay	NER	C_Lodging	Xcel	SPS	1.84	0.79
470	Com - Exterior LED Fixture - High Mast Lum Exc Bay	ROB	C_Lodging	Xcel	SPS	1.84	0.79
471	Com - Exterior LED Fixture - High Mast Lum Exc Bay	NER	C_Lodging	Xcel	SPS	1.84	0.79
472	Com - Exterior LED Fixture - High Mast Lum Exc Bay	ROB	C_Lodging	Xcel	SPS	1.84	0.79
473	Com - Room Air Conditioners	RET	C_Health	Xcel	SPS	1.85	0.79
474	Com - Exterior LED Fixture - High Mast Lum Exc Bay	NER	C_Office	Xcel	SPS	1.84	0.79
475	Com - Exterior LED Fixture - High Mast Lum Exc Bay	ROB	C_Office	Xcel	SPS	1.84	0.79
476	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RET	R_Manufactured	Xcel	SPS	1.84	0.79
477	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RET	R_Multi Family	Xcel	SPS	1.84	0.79
478	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RET	R_Multi Family Low Income	Xcel	SPS	1.84	0.79
479	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RET	R_Single Family	Xcel	SPS	1.84	0.79
480	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + ECI	RET	R_Single Family Low Income	Xcel	SPS	1.84	0.79
481	Com - LED Lamps - PARKING AREA	NER	C_Lodging	Xcel	SPS	1.84	0.79
482	Com - LED Lamps - PARKING AREA	ROB	C_Lodging	Xcel	SPS	1.84	0.79
483	Com - Water Source Heat Pump	NER	C_Lodging	Xcel	SPS	1.84	0.79
484	Com - Water Source Heat Pump	RER	C_Lodging	Xcel	SPS	1.84	0.79
485	Com - Water Source Heat Pump	RET	C_Restaurant	Xcel	SPS	1.84	0.79
486	Com - Water Source Heat Pump	RER	C_Restaurant	Xcel	SPS	1.84	0.79
487	Com - Chillers (air cooled, centrifugal, screw/rotary)	NER	C_Office	Xcel	SPS	1.73	0.82
488	Com - Chillers (air cooled, centrifugal, screw/rotary)	NER	C_School	Xcel	SPS	1.73	0.82
489	Com - Chillers (air cooled, centrifugal, screw/rotary)	ROB	C_School	Xcel	SPS	1.73	0.82
490	Com - Exterior LED Fixture - High Mast Lum Exc Bay	NER	C_Other	Xcel	SPS	1.72	0.82
491	Com - Exterior LED Fixture - High Mast Lum Exc Bay	ROB	C_Other	Xcel	SPS	1.72	0.82

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
492	Com - Direct Evaporative Pre-Cooling	NEW	0.0
493	Com - Direct Evaporative Pre-Cooling	1.72	0.67
494	Com - Water Source Heat Pump	1.72	0.67
495	Com - Water Source Heat Pump	1.72	0.67
496	Com - Ceiling Insulation - Space Heating	1.71	0.68
497	Com - Ceiling Insulation - Space Heating	1.71	0.68
498	Com - Ceiling Insulation - Space Heating	1.69	0.68
499	Com - Ceiling Insulation - Space Heating	1.69	0.68
500	Com - Ceiling Insulation - Space Heating	1.69	0.68
501	Com - Ceiling Insulation - Space Heating	1.69	0.68
502	Com - Ceiling Insulation - Space Heating	1.69	0.68
503	Com - Direct Evaporative Pre-Cooling	1.68	0.69
504	Com - Direct Evaporative Pre-Cooling	1.68	0.69
505	Com - Room Air Conditioners	1.67	0.69
506	Com - Room Air Conditioners	1.67	0.69
507	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
508	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
509	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
510	Com - Water Source Heat Pump	1.66	0.70
511	Com - Water Source Heat Pump	1.66	0.70
512	Com - Water Source Heat Pump	1.66	0.70
513	Com - Guest Room Energy Management	1.61	0.67
514	Com - Guest Room Energy Management	1.61	0.67
515	Com - Direct Evaporative Pre-Cooling	1.61	0.68
516	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
517	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
518	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
519	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
520	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
521	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
522	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
523	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
524	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
525	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
526	Com - Water Source Heat Pump	1.60	0.68
527	Com - Direct Evaporative Pre-Cooling	1.59	0.68
528	Com - Direct Evaporative Pre-Cooling	1.59	0.68
529	Com - LED Replacement Case Lighting	1.57	0.68
530	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
531	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
532	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
533	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
534	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
535	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
536	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
537	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
538	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
539	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
540	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
541	Ind - Mist Eliminators	1.55	0.68
542	Ind - Mist Eliminators	1.55	0.68
543	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
544	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
545	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
546	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
547	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
548	Com - Exterior Lighting Controls	1.54	0.68
549	Com - Interior Lighting Controls - occupancy sensors	1.54	0.68
550	Com - Interior Lighting Controls - occupancy sensors	1.54	0.68
551	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
552	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
553	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
554	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
555	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
556	Com - Exterior Lighting Controls	1.53	0.68
557	Com - Interior Lighting Controls - occupancy sensors	1.53	0.68
558	Com - Interior Lighting Controls - occupancy sensors	1.53	0.68
559	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
560	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
561	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
562	Com - Interior Network Connected LED Lamps	1.51	0.68
563	Com - Interior Network Connected LED Lamps	1.51	0.68
564	Com - Interior Network Connected LED Lamps	1.51	0.68
565	Com - Interior Network Connected LED Lamps	1.51	0.68
566	Com - Interior Network Connected LED Lamps	1.51	0.68
567	Com - Interior Network Connected LED Lamps	1.51	0.68
568	Com - Interior Network Connected LED Lamps	1.51	0.68
569	Com - Interior Network Connected LED Lamps	1.51	0.68
570	Com - Zero Energy Doors	1.46	0.76
571	Com - Zero Energy Doors	1.46	0.76
572	Com - Zero Energy Doors	1.46	0.76
573	Com - Zero Energy Doors	1.46	0.76
574	Com - Zero Energy Doors	1.46	0.76
575	Com - Zero Energy Doors	1.46	0.76
576	Com - Zero Energy Doors	1.46	0.76
577	Com - Zero Energy Doors	1.46	0.76
578	Com - Zero Energy Doors	1.46	0.76
579	Com - Water Source Heat Pump	1.46	0.76
580	Com - Water Source Heat Pump	1.46	0.76
581	Com - Water Source Heat Pump	1.46	0.76
582	Com - Interior Network Connected LED Lamps	1.45	0.68
583	Com - Interior Network Connected LED Lamps	1.45	0.68
584	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
585	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
586	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
587	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
588	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
589	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
590	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
591	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
592	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
593	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
594	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
595	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
596	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
597	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
598	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
599	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
600	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
601	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
602	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
603	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
604	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
605	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
606	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
607	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
608	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
609	Com - Interior Network Connected LED Fixtures	1.41	0.68
610	Com - Interior Network Connected LED Fixtures	1.41	0.68
611	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
612	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
613	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
614	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
615	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
616	Com - Water Source Heat Pump	1.39	0.68
617	Com - Water Source Heat Pump	1.39	0.68
618	Com - Interior LED Fixture	1.38	0.68
619	Com - Interior LED Fixture	1.38	0.68
620	Com - LED Replacement Case Lighting	1.37	0.68
621	Com - LED Replacement Case Lighting	1.37	0.68
622	Com - New Construction - Lighting Power Density	1.37	0.68
623	Com - New Construction - Lighting Power Density	1.37	0.68
624	Com - New Construction - Lighting Power Density	1.37	0.68
625	Com - New Construction - Lighting Power Density	1.37	0.68
626	Com - New Construction - Lighting Power Density	1.37	0.68
627	Com - New Construction - Lighting Power Density	1.37	0.68
628	Com - New Construction - Lighting Power Density	1.37	0.68
629	Com - New Construction - Lighting Power Density	1.37	0.68
630	Com - New Construction - Lighting Power Density	1.37	0.68
631	Com - New Construction - Lighting Power Density	1.37	0.68
632	Com - Interior Network Connected LED Lamps	1.37	0.17
633	Com - Interior Network Connected LED Lamps	1.37	0.17
634	Com - Exterior Lighting Controls	1.37	0.17
635	Com - Interior Network Connected LED Fixtures	1.37	0.17
636	Com - Interior Network Connected LED Fixtures	1.37	0.17
637	Com - Interior Network Connected LED Fixtures	1.37	0.17
638	Com - Water Source Heat Pump	1.37	0.17
639	Com - High Efficiency Central Heat Pump System	1.27	0.27
640	Com - High Efficiency Central Heat Pump System	1.27	0.27
641	Com - LED Refrigerated Case Lighting	1.27	0.27
642	Com - LED Refrigerated Case Lighting	1.27	0.27
643	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
644	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
645	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
646	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
647	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
648	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
649	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
650	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
651	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
652	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
653	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + NC)	1.26	0.28
654	Com - High Efficiency Central Heat Pump System	1.25	0.32
655	Com - High Efficiency Central Heat Pump System	1.25	0.32
656	Com - High Efficiency Central Heat Pump System	1.25	0.32
657	Com - Interior LED Fixture - High Median Business Day	1.25	0.32
658	Com - Interior LED Fixture - High Median Business Day	1.25	0.32
659	Com - Room Air Conditioners	1.25	0.32
660	Com - Room Air Conditioners	1.25	0.32
661	Com - Interior Network Connected LED Fixtures	1.23	0.35
662	Com - Interior Network Connected LED Fixtures	1.23	0.35
663	Com - Interior Network Connected LED Lamps	1.23	0.35
664	Com - Interior Network Connected LED Lamps	1.23	0.35
665	Com - Exterior Lighting Controls	1.23	0.37
666	Com - Exterior Lighting Controls	1.23	0.37
667	Com - Interior Lighting Controls - occupancy sensors	1.23	0.37
668	Com - Interior Lighting Controls - occupancy sensors	1.23	0.37
669	Com - Exterior Lighting Controls	1.21	0.38
670	Com - Exterior Lighting Controls	1.21	0.38
671	Com - Interior Lighting Controls - occupancy sensors	1.21	0.38
672	Com - Interior Lighting Controls - occupancy sensors	1.21	0.38
673	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Specialty Lamps - EH + NC)	1.20	0.38
674	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Specialty Lamps - EH + NC)	1.20	0.38
675	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Specialty Lamps - EH + NC)	1.20	0.38
676	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Specialty Lamps - EH + NC)	1.20	0.38
677	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Specialty Lamps - EH + NC)	1.20	0.38
678	Res - Low-flow Faucet Aerator - 10% Applicable (NEW)	1.20	0.38
679	Res - Low-flow Faucet Aerator - 10% Applicable (NEW)	1.20	0.38
680	Res - Low-flow Faucet Aerator - 10% Applicable (NEW)	1.20	0.38
681	Com - Interior Network Connected LED Fixtures	1.19	0.38
682	Com - Interior Network Connected LED Fixtures	1.19	0.38
683	Com - Ductless Mini Split Heat Pumps	1.17	0.38
684	Com - Interior Network Connected LED Lamps	1.16	0.38
685	Com - Interior Network Connected LED Lamps	1.16	0.38
686	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
687	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
688	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
689	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
690	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
691	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
692	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
693	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
694	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
695	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
696	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
697	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
698	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
699	Com - Indoor Fixture (Pre Base Lamps - Space Heating - EH + EC)	1.14	0.38
700	Com - Ductless Mini Split Heat Pumps	1.14	0.38
701	Com - Ductless Mini Split Heat Pumps	1.14	0.38
702	Com - Water Source Heat Pump	1.13	0.38
703	Com - Water Source Heat Pump	1.13	0.38
704	Com - Interior Network Connected LED Fixtures	1.13	0.38
705	Com - Interior Network Connected LED Fixtures	1.13	0.38
706	Com - Interior Network Connected LED Lamps	1.13	0.38
707	Com - Interior Network Connected LED Lamps	1.13	0.38
708	Com - LED Refrigerated Case Lighting	1.13	0.38
709	Com - LED Refrigerated Case Lighting	1.13	0.38
710	Com - Interior Network Connected LED Fixtures	1.13	0.38
711	Com - Interior Network Connected LED Fixtures	1.13	0.38
712	Com - Interior LED Linear Fluorescent Retrofit Including Troffers	1.13	0.38
713	Com - Interior LED Linear Fluorescent Retrofit Including Troffers	1.13	0.38
714	Com - Smart WiFi Plugs - 100% Applicable	1.13	0.38
715	Com - Smart WiFi Plugs - 100% Applicable	1.13	0.38
716	Com - Smart WiFi Plugs - 100% Applicable	1.13	0.38
717	Com - Smart WiFi Plugs - 100% Applicable	1.13	0.38
718	Com - Interior Network Connected LED Fixtures	1.13	0.38
719	Com - Interior Network Connected LED Fixtures	1.13	0.38
720	Com - Water Source Heat Pump	1.13	0.38
721	Com - Water Source Heat Pump	1.13	0.38
722	Com - High Efficiency Central Heat Pump System	1.08	1.03
723	Com - High Efficiency Central Heat Pump System	1.08	1.03
724	Com - Direct Evaporative Pre-Cooling	1.06	1.21
725	Com - Direct Evaporative Pre-Cooling	1.06	1.21
726	Com - LED Refrigerated Case Lighting	1.05	1.21
727	Com - Exterior Lighting Controls	1.05	1.21
728	Com - Exterior Lighting Controls	1.05	1.21
729	Com - Interior Lighting Controls - occupancy sensors	1.05	1.21
730	Com - Interior Lighting Controls - occupancy sensors	1.05	1.21
731	Com - Interior Network Connected LED Fixtures	1.05	1.21
732	Com - Interior Network Connected LED Fixtures	1.05	1.21
733	Com - Interior Network Connected LED Lamps	1.05	1.21
734	Com - Interior Network Connected LED Lamps	1.05	1.21
735	Com - Water Source Heat Pump	1.05	1.21
736	Com - Water Source Heat Pump	1.05	1.21
737	Com - RTU with Demand Control	1.05	1.21

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
492	Com - Direct Evaporative Pre-Cooling	NEW	0.0
493	Com - Direct Evaporative Pre-Cooling	1.72	0.67
494	Com - Water Source Heat Pump	1.72	0.67
495	Com - Water Source Heat Pump	1.72	0.67
496	Com - Ceiling Insulation - Space Heating	1.71	0.68
497	Com - Ceiling Insulation - Space Heating	1.71	0.68
498	Com - Ceiling Insulation - Space Heating	1.69	0.68
499	Com - Ceiling Insulation - Space Heating	1.69	0.68
500	Com - Ceiling Insulation - Space Heating	1.69	0.68
501	Com - Ceiling Insulation - Space Heating	1.69	0.68
502	Com - Ceiling Insulation - Space Heating	1.69	0.68
503	Com - Direct Evaporative Pre-Cooling	1.68	0.69
504	Com - Direct Evaporative Pre-Cooling	1.68	0.69
505	Com - Room Air Conditioners	1.67	0.69
506	Com - Room Air Conditioners	1.67	0.69
507	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
508	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
509	Com - Interior LED Fixture - High Median Business Day	1.66	0.70
510	Com - Water Source Heat Pump	1.66	0.70
511	Com - Water Source Heat Pump	1.66	0.70
512	Com - Water Source Heat Pump	1.66	0.70
513	Com - Guest Room Energy Management	1.61	0.67
514	Com - Guest Room Energy Management	1.61	0.67
515	Com - Direct Evaporative Pre-Cooling	1.61	0.68
516	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
517	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
518	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
519	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
520	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
521	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
522	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
523	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
524	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
525	Com - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.60	0.68
526	Com - Water Source Heat Pump	1.60	0.68
527	Com - Direct Evaporative Pre-Cooling	1.59	0.68
528	Com - Direct Evaporative Pre-Cooling	1.59	0.68
529	Com - LED Replacement Case Lighting	1.57	0.68
530	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
531	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
532	Com - Interior LED Fixture - High Median Business Day	1.57	0.68
533	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
534	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
535	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
536	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
537	Res - Infiltration Reduction - Space Heating - EH + NC	1.57	0.68
538	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
539	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
540	Com - Interior LED Fixture - High Median Business Day	1.56	0.68
541	Ind - Mist Eliminators	1.55	0.68
542	Ind - Mist Eliminators	1.55	0.68
543	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
544	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
545	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
546	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
547	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps - Space Heating - EH + EC)	1.55	0.68
548	Com - Exterior Lighting Controls	1.54	0.68
549	Com - Interior Lighting Controls - occupancy sensors	1.54	0.68
550	Com - Interior Lighting Controls - occupancy sensors	1.54	0.68
551	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
552	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
553	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
554	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
555	Com - Demand Controlled Ventilation - Commercial Kitchens	1.53	0.68
556	Com - Exterior Lighting Controls	1.53	0.68
557	Com - Interior Lighting Controls - occupancy sensors	1.53	0.68
558	Com - Interior Lighting Controls - occupancy sensors	1.53	0.68
559	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
560	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
561	Com - Interior LED Fixture - High Median Business Day	1.52	0.68
562	Com - Interior Network Connected LED Lamps	1.51	0.68
563	Com - Interior Network Connected LED Lamps	1.51	0.68
564	Com - Interior Network Connected LED Lamps	1.51	0.68
565	Com - Interior Network Connected LED Lamps	1.51	0.68
566	Com - Interior Network Connected LED Lamps	1.51	0.68
567	Com - Interior Network Connected LED Lamps	1.51	0.68
568	Com - Interior Network Connected LED Lamps	1.51	0.68
569	Com - Interior Network Connected LED Lamps	1.51	0.68
570	Com - Zero Energy Doors	1.46	0.76
571	Com - Zero Energy Doors	1.46	0.76
572	Com - Zero Energy Doors	1.46	0.76
573	Com - Zero Energy Doors	1.46	0.76
574	Com - Zero Energy Doors	1.46	0.76
575	Com - Zero Energy Doors	1.46	0.76
576	Com - Zero Energy Doors	1.46	0.76
577	Com - Zero Energy Doors	1.46	0.76
578	Com - Zero Energy Doors	1.46	0.76
579	Com - Water Source Heat Pump	1.46	0.76
580	Com - Water Source Heat Pump	1.46	0.76
581	Com - Water Source Heat Pump	1.46	0.76
582	Com - Interior Network Connected LED Lamps	1.45	0.68
583	Com - Interior Network Connected LED Lamps	1.45	0.68
584	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
585	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
586	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
587	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
588	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
589	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
590	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
591	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
592	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
593	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
594	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
595	Com - High Efficiency AC/HP Equipment <1 TSEER - 10.0% Applicable	1.44	0.68
596	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
597	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
598	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
599	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
600	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
601	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
602	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
603	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
604	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
605	Com - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	1.43	0.68
606	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
607	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
608	Com - Interior LED Fixture - High Median Business Day	1.42	0.68
609	Com - Interior Network Connected LED Fixtures	1.41	0.68
610	Com - Interior Network Connected LED Fixtures	1.41	0.68
611	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
612	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
613	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
614	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
615	Res - Infiltration - Space Heating - EH + NC	1.41	0.68
616	Com - Water Source Heat Pump	1.39	0.68
617	Com - Water Source Heat Pump	1.39	0.68
618	Com - Interior LED Fixture	1.38	0.68
619	Com - Interior LED Fixture	1.38

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
736	Com - RTU with Demand Control	RECT	Health	Non	SPS	1.03	1.154
739	Com - RTU with Demand Control	RECT	Lodging	Non	SPS	1.03	1.156
740	Com - RTU with Demand Control	RECT	Office	Non	SPS	1.03	1.158
741	Com - RTU with Demand Control	RECT	Other	Non	SPS	1.03	1.159
742	Com - RTU with Demand Control	RECT	Restaurant	Non	SPS	1.03	1.161
743	Com - RTU with Demand Control	RECT	Retail	Non	SPS	1.03	1.164
744	Com - RTU with Demand Control	RECT	School	Non	SPS	1.03	1.166
745	Com - High Efficiency Central Heat Pump System	RECT	Health	Non	SPS	1.03	1.167
746	Com - Intelco Network Connected LED Lamp	RECT	Warehouse	Non	SPS	1.02	1.168
747	Com - High Efficiency Central Heat Pump System	RECT	College	Non	SPS	1.02	1.169
748	Com - High Efficiency Central Heat Pump System	RECT	Health	Non	SPS	1.01	1.232
749	Com - High Efficiency Central Heat Pump System	RECT	Lodging	Non	SPS	1.01	1.236
750	Com - High Efficiency Central Heat Pump System	RECT	Office	Non	SPS	1.01	1.237
751	Com - Intelco Network Connected LED Lamp	RECT	Warehouse	Non	SPS	1.00	1.238
752	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Other	Non	SPS	0.98	1.239
753	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Other	Non	SPS	0.98	1.240
754	Com - Direct Evaporative Pre Cooling	NEW	LC_Warehouse	Non	SPS	0.98	1.243
755	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Lodging	Non	SPS	0.98	1.245
756	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Lodging	Non	SPS	0.98	1.246
757	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Lodging	Non	SPS	0.98	1.247
758	Com - Exterior Lighting Controls	RECT	LC_Office	Non	SPS	0.98	1.248
759	Com - Intelco Lighting Controls occupancy sensor	NEW	LC_Office	Non	SPS	0.98	1.249
760	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Manufactured	Non	SPS	0.65	1.236
761	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Manufactured	Non	SPS	0.65	1.237
762	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Manufactured	Non	SPS	0.65	1.238
763	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Multi Family	Low Income	Non	SPS	0.65	1.238
764	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Multi Family	Non	SPS	0.65	1.238
765	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Multi Family	Low Income	Non	SPS	0.65	1.238
766	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Multi Family	Low Income	Non	SPS	0.65	1.238
767	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Multi Family	Low Income	Non	SPS	0.65	1.238
768	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Non	SPS	0.65	1.238
769	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Non	SPS	0.65	1.238
770	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Non	SPS	0.65	1.238
771	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Low Income	Non	SPS	0.65	1.238
772	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Low Income	Non	SPS	0.65	1.238
773	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Low Income	Non	SPS	0.65	1.238
774	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	EC	RECT	R_Single Family	Low Income	Non	SPS	0.65	1.238
775	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Manufactured	Non	SPS	0.65	1.238
776	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Manufactured	Non	SPS	0.65	1.238
777	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Multi Family	Non	SPS	0.65	1.238
778	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Multi Family	Non	SPS	0.65	1.238
779	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Single Family	Low Income	Non	SPS	0.65	1.238
780	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Single Family	Low Income	Non	SPS	0.65	1.238
781	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Single Family	Low Income	Non	SPS	0.65	1.238
782	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Multi Family	Low Income	Non	SPS	0.65	1.238
783	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Single Family	Non	SPS	0.65	1.238
784	Com - Indirect Direct Evaporative Cooler - 100% Applicable	NEW	LC_Single Family	Non	SPS	0.65	1.238
785	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_School	Non	SPS	0.64	1.238
786	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_School	Non	SPS	0.64	1.238
787	Com - Intelco Network Connected LED Fixture	RECT	LC_Grocery	Non	SPS	0.64	1.237
788	Com - Intelco Network Connected LED Fixture	RECT	LC_Grocery	Non	SPS	0.64	1.238
789	Com - LED Refrigerated Case Lighting	NEW	LC_Retail	Non	SPS	0.64	1.238
790	Com - High Efficiency Central Heat Pump System	RECT	LC_Warehouse	Non	SPS	0.63	1.238
791	Com - Intelco Network Connected LED Fixture	RECT	LC_Warehouse	Non	SPS	0.63	1.238
792	Com - Intelco Network Connected LED Fixture	RECT	LC_Warehouse	Non	SPS	0.63	1.238
793	Com - Chiller (air cooled, centrifugal, screw chiller)	NEW	LC_Other	Non	SPS	0.62	1.239
794	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Lodging	Non	SPS	0.62	1.239
795	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Lodging	Non	SPS	0.62	1.239
796	Com - Air compressor VFD	RECT	Agriculture	Non	SPS	0.61	1.239
797	Ind - Air compressor VFD	RECT	Agriculture	Non	SPS	0.61	1.239
798	Ind - Air compressor VFD	RECT	Manufacturing	Non	SPS	0.61	1.239
799	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Retail	Non	SPS	0.61	1.239
800	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Retail	Non	SPS	0.61	1.239
801	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_College	Non	SPS	0.61	1.239
802	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_College	Non	SPS	0.61	1.239
803	Com - Intelco Network Connected LED Lamp	RECT	LC_Grocery	Non	SPS	0.61	1.239
804	Com - Intelco Network Connected LED Lamp	RECT	LC_Grocery	Non	SPS	0.61	1.239
805	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Office	Non	SPS	0.60	1.239
806	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Office	Non	SPS	0.60	1.239
807	Com - Exterior Lighting Controls	RECT	LC_College	Non	SPS	0.59	1.239
808	Com - Intelco Lighting Controls occupancy daylight sensors	RECT	LC_College	Non	SPS	0.59	1.239
809	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Other	Non	SPS	0.59	1.239
810	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Other	Non	SPS	0.59	1.239
811	Com - Intelco Network Connected LED Fixture	NEW	LC_Warehouse	Non	SPS	0.58	1.239
812	Com - Intelco Network Connected LED Fixture	RECT	LC_Warehouse	Non	SPS	0.58	1.239
813	Com - High Efficiency Central Heat Pump System	RECT	LC_Grocery	Non	SPS	0.58	1.239
814	Com - High Efficiency Central Heat Pump System	RECT	LC_Grocery	Non	SPS	0.58	1.239
815	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_College	Non	SPS	0.58	1.239
816	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_Grocery	Non	SPS	0.58	1.239
817	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_Lodging	Non	SPS	0.58	1.239
818	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_Lodging	Non	SPS	0.58	1.239
819	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_Restaurant	Non	SPS	0.58	1.239
820	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	LC_School	Non	SPS	0.58	1.239
821	Com - Dual Mode Mini Split Heat Pumps	RECT	LC_Office	Non	SPS	0.58	1.239
822	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Health	Non	SPS	0.58	1.239
823	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Health	Non	SPS	0.58	1.239
824	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Retail	Non	SPS	0.58	1.239
825	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Retail	Non	SPS	0.58	1.239
826	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Restaurant	Non	SPS	0.58	1.239
827	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Restaurant	Non	SPS	0.58	1.239
828	Com - Intelco Lighting Controls	RECT	LC_School	Non	SPS	0.58	1.239
829	Com - Intelco Lighting Controls occupancy daylight sensors	RECT	LC_School	Non	SPS	0.58	1.239
830	Com - Intelco Lighting Controls	RECT	LC_Lodging	Non	SPS	0.58	1.239
831	Com - Intelco Lighting Controls occupancy daylight sensors	RECT	LC_Lodging	Non	SPS	0.58	1.239
832	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_School	Non	SPS	0.58	1.239
833	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_School	Non	SPS	0.58	1.239
834	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.63	1.276
835	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.63	1.276
836	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.63	1.276
837	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.63	1.276
838	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Multi Family	Low Income	SPS	0.63	1.276
839	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Multi Family	Low Income	SPS	0.63	1.276
840	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.63	1.276
841	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.63	1.276
842	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Single Family	Low Income	SPS	0.63	1.276
843	Com - Central heat pumps for space heating (replace FAC)	Space Heating - EH + EC	RECT	R_Single Family	Low Income	SPS	0.63	1.276
844	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Restaurant	Non	SPS	0.62	1.276
845	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Restaurant	Non	SPS	0.62	1.276
846	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_College	Non	SPS	0.61	1.277
847	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_College	Non	SPS	0.61	1.277
848	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Office	Non	SPS	0.61	1.280
849	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Office	Non	SPS	0.61	1.280
850	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Office	Non	SPS	0.61	1.280
851	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Office	Non	SPS	0.61	1.280
852	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Office	Non	SPS	0.61	1.280
853	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Office	Non	SPS	0.61	1.280
854	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Health	Non	SPS	0.60	1.283
855	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Health	Non	SPS	0.60	1.283
856	Com - Zero Energy Doors	RECT	LC_College	Non	SPS	0.78	1.336
857	Com - Zero Energy Doors	RECT	LC_Grocery	Non	SPS	0.78	1.336
858	Com - Zero Energy Doors	RECT	LC_Grocery	Non	SPS	0.78	1.336
859	Com - Zero Energy Doors	RECT	LC_Lodging	Non	SPS	0.78	1.336
860	Com - Zero Energy Doors	RECT	LC_Office	Non	SPS	0.78	1.336
861	Com - Zero Energy Doors	RECT	LC_Other	Non	SPS	0.78	1.336
862	Com - Zero Energy Doors	RECT	LC_Restaurant	Non	SPS	0.78	1.336
863	Com - Zero Energy Doors	RECT	LC_Retail	Non	SPS	0.78	1.336
864	Com - Zero Energy Doors	RECT	LC_School	Non	SPS	0.78	1.336
865	Com - Zero Energy Doors	RECT	LC_Warehouse	Non	SPS	0.78	1.336
866	Com - Dual Mode Mini Split Heat Pumps	RECT	LC_Grocery	Non	SPS	0.78	1.336
867	Com - Advanced Power Strips - 100% Applicable	RECT	R_Manufactured	Non	SPS	0.78	1.336
868	Com - Advanced Power Strips - 100% Applicable	RECT	R_Multi Family	Non	SPS	0.78	1.336
869	Com - Advanced Power Strips - 100% Applicable	RECT	R_Multi Family	Low Income	Non	SPS	0.78	1.336
870	Com - Advanced Power Strips - 100% Applicable	RECT	R_Single Family	Non	SPS	0.78	1.336
871	Com - Advanced Power Strips - 100% Applicable	RECT	R_Single Family	Low Income	Non	SPS	0.78	1.336
872	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Health	Non	SPS	0.77	1.336
873	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Health	Non	SPS	0.77	1.336
874	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Retail	Non	SPS	0.77	1.336
875	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Retail	Non	SPS	0.77	1.336
876	Com - High Efficiency Central Heat Pump System	RECT	LC_School	Non	SPS	0.77	1.336
877	Com - High Efficiency Central Heat Pump System	RECT	LC_School	Non	SPS	0.77	1.336
878	Com - High Efficiency Central Heat Pump System	RECT	LC_Office	Non	SPS	0.76	1.339
879	Com - High Efficiency Central Heat Pump System	RECT	LC_Office	Non	SPS	0.76	1.339
880	Com - Dual Mode Mini Split Heat Pumps	RECT	LC_Health	Non	SPS	0.76	1.339
881	Com - Dual Mode Mini Split Heat Pumps	RECT	LC_Office	Non	SPS	0.76	1.339
882	Com - Dual Mode Mini Split Heat Pumps	RECT	LC_School	Non	SPS	0.76	1.339
883	Com - LED Refrigerated Case Lighting	NEW	LC_Health	Non	SPS	0.76	1.339
884	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Low Income	Non	SPS	0.73	1.341
885	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Manufactured	Non	SPS	0.75	1.339
886	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Manufactured	Non	SPS	0.75	1.339
887	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Non	SPS	0.75	1.339
888	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Non	SPS	0.75	1.339
889	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Low Income	Non	SPS	0.75	1.339
890	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Low Income	Non	SPS	0.75	1.339
891	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Low Income	Non	SPS	0.75	1.339
892	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Multi Family	Low Income	Non	SPS	0.75	1.339
893	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Non	SPS	0.75	1.339
894	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Non	SPS	0.75	1.339
895	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Low Income	Non	SPS	0.75	1.339
896	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Low Income	Non	SPS	0.75	1.339
897	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Low Income	Non	SPS	0.75	1.339
898	Com - LED Indoor Fixture (Per Based Lamps - Space Heating - 3+1	NC	RECT	R_Single Family	Low Income	Non	SPS	0.75	1.339
899	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Low Income	Non	SPS	0.73	1.341
900	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Low Income	Non	SPS	0.73	1.341
901	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Manufactured	Non	SPS	0.73	1.341
902	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Non	SPS	0.73	1.341
903	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Low Income	SPS	0.73	1.341
904	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Non	SPS	0.73	1.341
905	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Low Income	SPS	0.73	1.341
906	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Low Income	SPS	0.73	1.341
907	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	C_Restaurant	Non	SPS	0.73	1.341
908	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	C_Restaurant	Non	SPS	0.73	1.341
909	Com - High Efficiency Packaged Air Conditioning	NEW	C_Restaurant	Non	SPS	0.73	1.341
910	Com - LED Refrigerated Case Lighting	NEW	C_Restaurant	Non	SPS	0.72	1.342
911	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	C_Grocery	Non	SPS	0.72	1.342
912	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	C_Grocery	Non	SPS	0.72	1.342
913	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Manufactured	Non	SPS	0.70	1.346
914	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Multi Family	Non	SPS	0.70	1.346
915	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Multi Family	Low Income	SPS	0.70	1.346
916	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Single Family	Non	SPS	0.70	1.346
917	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Single Family	Low Income	SPS	0.70	1.346
918	Com - Low-emissivity cooking food standard windows - 100% Applicable	RECT	R_Single Family	Low Income	SPS	0.70	1.346
919	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.70	1.347
920	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.70	1.347
921	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.70	1.347
922	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	Non	SPS	0.70	1.347
923	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	Non	SPS	0.70	1.347
924	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.70	1.347
925	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Single Family	Low Income	Non	SPS	0.70	1.347
926	Com - High Efficiency ACHP Equipment <17 SEER - Space Heating - EH + EC	RECT	R_Single Family	Low Income	Non	SPS	0.70	1.347
927	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Grocery	Non	SPS	0.70	1.348
928	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Grocery	Non	SPS	0.70	1.348
929	Com - Heat Pump Water Heater - 100% Applicable	NEW	R_Single Family	Non	SPS	0.67	1.376
930	Com - Heat Pump Water Heater - 100% Applicable	NEW	R_Single Family	Low Income	SPS	0.67	1.376
931	Com - Heat Pump Water Heater - 100% Applicable	NEW	R_Single Family	Non	SPS	0.67	1.376
932	Com - Heat Pump Water Heater - 100% Applicable	NEW	R_Single Family	Low Income	SPS	0.67	1.376
933	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Warehouse	Non	SPS	0.67	1.376
934	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Warehouse	Non	SPS	0.67	1.376
935	Com - Intelco LED Linear Retrofit Refit RKW (includes Trefflite)	NEW	LC_Warehouse	Non	SPS	0.67	1.376
936	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Manufactured	Non	SPS	0.66	1.433
937	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Non	SPS	0.66	1.433
938	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Multi Family	Low Income	SPS	0.66	1.433
939	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Non	SPS	0.66	1.433
940	Com - High Efficiency Air Conditioner - 90% Applicable	NEW	R_Single Family	Low Income	SPS	0.66	1.433
941	Com - Dual Mode Mini Split Heat Pumps	RECT	C_Grocery	Non	SPS	0.66	1.433
942	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.66	1.434
943	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.66	1.434
944	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	SPS	0.66	1.434
945	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.66	1.434
946	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Single Family	Low Income	SPS	0.66	1.434
947	Com - Dual Mode Mini Split Heat Pumps	RECT	C_Grocery	Non	SPS	0.66	1.434
948	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Grocery	Non	SPS	0.64	1.438
949	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Grocery	Non	SPS	0.64	1.438
950	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.64	1.438
951	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.64	1.438
952	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	SPS	0.64	1.438
953	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.64	1.438
954	Com - Infiltration Reduction - Space Heating - EH + EC	RECT	R_Single Family	Low Income	SPS	0.64	1.438
955	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	LC_Warehouse	Non	SPS	0.62	1.438
956	Com - Intelco LED Fixture - Other (includes all other LED fixtures in commercial applications)	RECT	LC_Warehouse	Non	SPS	0.62	1.438
957	Com - Wall Mounted Thermostats	RECT	R_Manufactured	Non	SPS	0.58	1.438
958	Com - Wall Mounted Thermostats	RECT	R_Multi Family	Non	SPS	0.58	1.438
959	Com - Wall Mounted Thermostats	RECT	R_Multi Family	Low Income	SPS	0.58	1.438
960	Com - Wall Mounted Thermostats	RECT	R_Single Family	Non	SPS	0.58	1.438
961	Com - Wall Mounted Thermostats	RECT	R_Single Family	Low Income	SPS	0.58	1.438
962	Com - Wall Mounted Thermostats	RECT	R_Single Family	Low Income	SPS	0.58	1.438
963	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.58	1.438
964	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.58	1.438
965	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	Non	SPS	0.58	1.438
966	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.58	1.438
967	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Single Family	Low Income	Non	SPS	0.58	1.438
968	Com - Anti Insulation - Space Heating - EH + EC	RECT	R_Single Family	Low Income	Non	SPS	0.58	1.438
969	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Other	Non	SPS	0.57	1.476
970	Com - High Efficiency Packaged Air Conditioning	NEW	LC_Other	Non	SPS	0.57	1.476
971	Com - CO2 Kit (Limit of varying sizes)	NEW	LC_Lodging	Non	SPS	0.56	1.476
972	Com - CO2 Kit (Limit of varying sizes)	NEW	LC_Lodging	Non	SPS	0.56	1.476
973	Com - CO2 Kit (Limit of varying sizes)	NEW	LC_Retail	Non	SPS	0.56	1.476
974	Com - CO2 Kit (Limit of varying sizes)	NEW	LC_Retail	Non	SPS	0.56	1.476
975	Com - Interior operable windows - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.481
976	Com - Interior operable windows - Space Heating - EH + EC	RECT	R_Multi Family	Non	SPS	0.56	1.481
977	Com - Interior operable windows - Space Heating - EH + EC	RECT	R_Multi Family	Low Income	Non	SPS	0.56	1.481
978	Com - Interior operable windows - Space Heating - EH + EC	RECT	R_Single Family	Non	SPS	0.56	1.481
979	Com - Interior operable windows - Space Heating - EH + EC	RECT	R_Single Family	Low Income	Non	SPS	0.56	1.481
980	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
981	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
982	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
983	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
984	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
985	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
986	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
987	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498
988	Com - LED Outdoor Fixture - Space Heating - EH + EC	RECT	R_Manufactured	Non	SPS	0.56	1.498

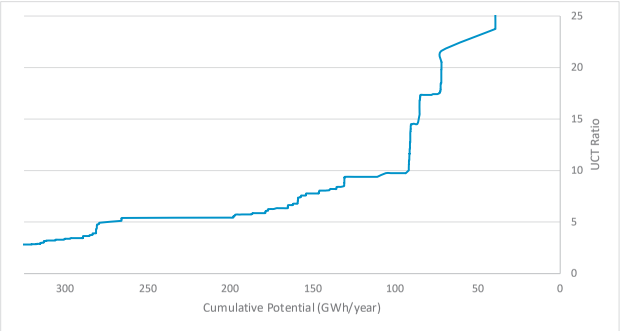
Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
984	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Manufactured	Xcel	SPS	0.58	1.498
985	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Manufactured	Xcel	SPS	0.58	1.498
986	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Manufactured	Xcel	SPS	0.58	1.498
987	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Manufactured	Xcel	SPS	0.58	1.498
988	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
989	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
990	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
991	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
992	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.498
993	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.498
994	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.498
995	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.498
996	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
997	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
998	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
999	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Multi Family	Xcel	SPS	0.58	1.498
1000	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.58	1.498
1001	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.58	1.498
1002	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.58	1.498
1003	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.58	1.498
1004	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.498
1005	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.498
1006	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.498
1007	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.498
1008	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.497
1009	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.497
1010	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.497
1011	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.497
1012	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.497
1013	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.497
1014	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.497
1015	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.497
1016	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.400
1017	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.400
1018	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.58	1.400
1019	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Xcel	SPS	0.58	1.400
1020	Res - LED Outdoor Fixture - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.400
1021	Res - LED Outdoor Fixture - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.400
1022	Res - LED Outdoor Fixture - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.400
1023	Res - LED Outdoor Fixture - Space Heating - OH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.58	1.400
1024	Res - Vending Machine Controls	RE17	C_Lodging	Xcel	SPS	0.64	1.400
1025	Res - Vending Machine Controls	RE17	C_Restaurant	Xcel	SPS	0.64	1.400
1026	Com - DX RTU Unit of varying sizes	RE01	C_Restaurant	Xcel	SPS	0.53	1.400
1027	Com - Vending Machine Controls	RE17	C_School	Xcel	SPS	0.53	1.400
1028	Com - High Efficiency Packaged Air Conditioning	RE01	C_School	Xcel	SPS	0.53	1.400
1029	Com - High Efficiency Packaged Air Conditioning	RE01	C_College	Xcel	SPS	0.51	1.400
1030	Com - HVAC Variable Frequency Drives	RE17	C_College	Xcel	SPS	0.51	1.400
1031	Com - HVAC Variable Frequency Drives	RE17	C_Grocery	Xcel	SPS	0.51	1.332
1032	Com - HVAC Variable Frequency Drives	RE17	C_Health	Xcel	SPS	0.51	1.305
1033	Com - HVAC Variable Frequency Drives	RE17	C_Office	Xcel	SPS	0.51	1.305
1034	Com - HVAC Variable Frequency Drives	RE17	C_Other	Xcel	SPS	0.51	1.305
1035	Com - HVAC Variable Frequency Drives	RE17	C_Other	Xcel	SPS	0.51	1.305
1036	Com - HVAC Variable Frequency Drives	RE17	C_Restaurant	Xcel	SPS	0.51	1.305
1037	Com - HVAC Variable Frequency Drives	RE17	C_Retail	Xcel	SPS	0.51	1.302
1038	Com - HVAC Variable Frequency Drives	RE17	C_Warehouse	Xcel	SPS	0.51	1.302
1039	Res - Interior operable windows - Space Heating - EH + NC	RE17	R_Manufactured	Xcel	SPS	0.51	1.302
1040	Res - Interior operable windows - Space Heating - EH + NC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.51	1.302
1041	Res - Interior operable windows - Space Heating - EH + NC	RE17	R_Single Family	Low Income	Xcel	SPS	0.51	1.302
1042	Com - DX RTU Unit of varying sizes	RE01	C_College	Xcel	SPS	0.50	1.302
1043	Com - DX RTU Unit of varying sizes	RE01	C_Grocery	Xcel	SPS	0.50	1.302
1044	Com - DX RTU Unit of varying sizes	RE01	C_Office	Xcel	SPS	0.50	1.302
1045	Com - DX RTU Unit of varying sizes	RE01	C_Other	Xcel	SPS	0.50	1.302
1046	Com - DX RTU Unit of varying sizes	RE01	C_Health	Xcel	SPS	0.49	1.300
1047	Com - DX RTU Unit of varying sizes	RE01	C_Retail	Xcel	SPS	0.49	1.300
1048	Res - Wall Insulation - Space Heating - EH + EC	RE17	R_Manufactured	Xcel	SPS	0.48	1.300
1049	Res - Wall Insulation - Space Heating - EH + NC	RE17	R_Manufactured	Xcel	SPS	0.48	1.300
1050	Res - Wall Insulation - Space Heating - OH + EC	RE17	R_Multi Family	Xcel	SPS	0.48	1.300
1051	Res - Wall Insulation - Space Heating - OH + NC	RE17	R_Multi Family	Xcel	SPS	0.48	1.300
1052	Res - Wall Insulation - Space Heating - EH + EC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.48	1.300
1053	Res - Wall Insulation - Space Heating - EH + NC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.48	1.300
1054	Res - Wall Insulation - Space Heating - OH + EC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.48	1.300
1055	Res - Wall Insulation - Space Heating - OH + NC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.48	1.300
1056	Res - Wall Insulation - Space Heating - EH + EC	RE17	R_Single Family	Xcel	SPS	0.48	1.300
1057	Res - Wall Insulation - Space Heating - EH + NC	RE17	R_Single Family	Xcel	SPS	0.48	1.300
1058	Res - Wall Insulation - Space Heating - OH + EC	RE17	R_Single Family	Xcel	SPS	0.48	1.300
1059	Res - Wall Insulation - Space Heating - OH + NC	RE17	R_Single Family	Xcel	SPS	0.48	1.300
1060	Res - Wall Insulation - Space Heating - EH + EC	RE17	R_Single Family	Low Income	Xcel	SPS	0.48	1.300
1061	Res - Wall Insulation - Space Heating - EH + NC	RE17	R_Single Family	Low Income	Xcel	SPS	0.48	1.300
1062	Res - Wall Insulation - Space Heating - OH + EC	RE17	R_Single Family	Low Income	Xcel	SPS	0.48	1.300
1063	Res - Wall Insulation - Space Heating - OH + NC	RE17	R_Single Family	Low Income	Xcel	SPS	0.48	1.300
1064	Com - Vending Machine Controls	RE17	C_College	Xcel	SPS	0.47	1.300
1065	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RE01	R_Manufactured	Xcel	SPS	0.47	1.300
1066	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + NC	RE01	R_Manufactured	Xcel	SPS	0.47	1.300
1067	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + EC	RE01	R_Manufactured	Xcel	SPS	0.47	1.300
1068	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + NC	RE01	R_Manufactured	Xcel	SPS	0.47	1.300
1069	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RE01	R_Multi Family	Xcel	SPS	0.47	1.300
1070	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + NC	RE01	R_Multi Family	Xcel	SPS	0.47	1.300
1071	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + EC	RE01	R_Multi Family	Xcel	SPS	0.47	1.300
1072	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + NC	RE01	R_Multi Family	Xcel	SPS	0.47	1.300
1073	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.47	1.300
1074	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.47	1.300
1075	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.47	1.300
1076	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.47	1.300
1077	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.47	1.300
1078	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.47	1.300
1079	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.47	1.300
1080	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + NC	RE01	R_Single Family	Xcel	SPS	0.47	1.300
1081	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.47	1.300
1082	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.47	1.300
1083	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.47	1.300
1084	Res - High Efficiency VRF Heat Pump equipment - Space Heating - OH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.47	1.300
1085	Com - DX RTU Unit of varying sizes	RE01	C_Warehouse	Xcel	SPS	0.45	1.300
1086	Com - DX RTU Unit of varying sizes	RE01	C_Grocery	Xcel	SPS	0.43	1.300
1087	Com - DX RTU Unit of varying sizes	RE01	C_Grocery	Xcel	SPS	0.43	1.300
1088	Com - DX RTU Unit of varying sizes	RE01	C_Grocery	Xcel	SPS	0.43	1.300
1089	Com - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Manufactured	Xcel	SPS	0.42	1.300
1090	Com - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Multi Family	Xcel	SPS	0.42	1.300
1091	Com - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Multi Family	Low Income	Xcel	SPS	0.42	1.300
1092	Com - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Single Family	Xcel	SPS	0.42	1.300
1093	Com - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Single Family	Low Income	Xcel	SPS	0.42	1.300
1094	Res - Air Infiltration - Space Heating - EH + NC	RE17	R_Manufactured	Xcel	SPS	0.42	1.300
1095	Res - Air Infiltration - Space Heating - EH + NC	RE17	R_Multi Family	Xcel	SPS	0.42	1.300
1096	Res - Air Infiltration - Space Heating - EH + NC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.42	1.300
1097	Res - Air Infiltration - Space Heating - EH + NC	RE17	R_Single Family	Xcel	SPS	0.42	1.300
1098	Res - Air Infiltration - Space Heating - EH + NC	RE17	R_Single Family	Low Income	Xcel	SPS	0.42	1.300
1099	Res - Heat Pump Water Heater - 100% Applicable	RE01	R_Manufactured	Xcel	SPS	0.39	1.300
1100	Res - Heat Pump Water Heater - 100% Applicable	RE01	R_Multi Family	Xcel	SPS	0.39	1.300
1101	Res - Heat Pump Water Heater - 100% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.39	1.300
1102	Res - Heat Pump Water Heater - 100% Applicable	RE01	R_Single Family	Xcel	SPS	0.39	1.300
1103	Res - Heat Pump Water Heater - 100% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.39	1.300
1104	Com - Vending Machine Controls	RE17	C_Restaurant	Xcel	SPS	0.38	1.300
1105	Com - Vending Machine Controls	RE17	C_Warehouse	Xcel	SPS	0.37	1.300
1106	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_College	Xcel	SPS	0.36	1.300
1107	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_College	Xcel	SPS	0.36	1.300
1108	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Grocery	Xcel	SPS	0.36	1.300
1109	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Health	Xcel	SPS	0.36	1.300
1110	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Health	Xcel	SPS	0.36	1.300
1111	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Lodging	Xcel	SPS	0.36	1.300
1112	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Lodging	Xcel	SPS	0.36	1.300
1113	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Restaurant	Xcel	SPS	0.36	1.300
1114	Com - ENERGY STAR Hot Food Holding Cabinet	RE01	C_Restaurant	Xcel	SPS	0.36	1.300
1115	Res - Central Air Conditioner Tune-up - 10% Applicable	RE17	R_Multi Family	Low Income	Xcel	SPS	0.36	1.300
1116	Com - DX RTU Unit of varying sizes	RE01	C_Other	Xcel	SPS	0.35	1.300
1117	Com - DX RTU Unit of varying sizes	RE01	C_Other	Xcel	SPS	0.35	1.300
1118	Com - DX RTU Unit of varying sizes	RE01	C_School	Xcel	SPS	0.33	1.300
1119	Res - Duct Sealing - 10% Applicable	RE17	C_Restaurant	Xcel	SPS	0.33	1.300
1120	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Manufactured	Xcel	SPS	0.31	1.300
1121	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Multi Family	Xcel	SPS	0.31	1.300
1122	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.31	1.300
1123	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.31	1.300
1124	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SPS	0.31	1.300
1125	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.31	1.300
1126	Res - ENERGY STAR Windows - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.31	1.300
1127	Com - Duct Sealing - 10% Applicable	RE17	C_Retail	Xcel	SPS	0.31	1.300
1128	Com - Duct Sealing - 10% Applicable	RE17	C_Warehouse	Xcel	SPS	0.31	1.300
1129	Com - Vending Machine Controls	RE17	C_Health	Xcel	SPS	0.30	1.300
1130	Com - Duct Mini-Split Heat Pumps	RE17	C_Lodging	Xcel	SPS	0.30	1.300
1131	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Health	Xcel	SPS	0.29	1.300
1132	Com - Vending Machine Controls	RE17	C_Grocery	Xcel	SPS	0.29	1.300
1133	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Manufactured	Xcel	SPS	0.28	1.300
1134	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Multi Family	Xcel	SPS	0.28	1.300
1135	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.28	1.300
1136	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.28	1.300
1137	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.28	1.300
1138	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.28	1.300
1139	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Single Family	Xcel	SPS	0.23	1.300
1140	Res - Networked Connected - Indoor LED Lamp - Space Heating - OH + EC	RE01	R_Single Family	Low Income	Xcel	SPS	0.23	1.300
1141	Com - Duct Mini-Split Heat Pumps	RE17	C_Warehouse	Xcel	SPS	0.23	1.300
1142	Com - Duct Mini-Split Heat Pumps	RE17	C_Office	Xcel	SPS	0.23	1.300
1143	Com - Duct Mini-Split Heat Pumps	RE17	C_College	Xcel	SPS	0.23	1.300
1144	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_College	Xcel	SPS	0.23	1.300
1145	Com - Duct Mini-Split Heat Pumps	RE17	C_Health	Xcel	SPS	0.20	1.300
1146	Com - Duct Mini-Split Heat Pumps	RE17	C_Other	Xcel	SPS	0.20	1.300
1147	Com - Duct Mini-Split Heat Pumps	RE17	C_School	Xcel	SPS	0.20	1.300
1148	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Other	Xcel	SPS	0.20	1.300
1149	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Lodging	Xcel	SPS	0.19	1.300
1150	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Manufactured	Xcel	SPS	0.18	1.300
1151	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Multi Family	Xcel	SPS	0.18	1.300
1152	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.18	1.300
1153	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.18	1.300
1154	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.18	1.300
1155	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	SP	0.18	1.300
1156	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Single Family	Xcel	SPS	0.17	1.300
1157	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + EC	RE01	R_Single Family	Low Income	Xcel	S	0.17	1.300
1158	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Grocery	Xcel	SPS	0.16	1.300
1159	Com - Duct Mini-Split Heat Pumps	RE17	C_Other	Xcel	SPS	0.16	1.300
1160	Res - Smart ceiling fans - 10% Applicable	RE01	R_Manufactured	Xcel	SPS	0.16	1.300
1161	Res - Smart ceiling fans - 10% Applicable	RE01	R_Multi Family	Xcel	SPS	0.16	1.300
1162	Res - Smart ceiling fans - 10% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.16	1.300
1163	Res - Smart ceiling fans - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.16	1.300
1164	Res - Smart ceiling fans - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.16	1.300
1165	Res - Air Infiltration - Space Heating - OH + EC	RE17	R_Multi Family	Xcel	SPS	0.16	1.300
1166	Res - Air Infiltration - Space Heating - OH + EC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.16	1.300
1167	Res - Air Infiltration - Space Heating - OH + EC	RE17	R_Single Family	Xcel	SPS	0.16	1.300
1168	Res - Air Infiltration - Space Heating - OH + EC	RE17	R_Single Family	Low Income	Xcel	SPS	0.16	1.300
1169	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Manufactured	Xcel	SPS	0.15	1.300
1170	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Multi Family	Xcel	SPS	0.15	1.300
1171	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Multi Family	Low Income	Xcel	SPS	0.15	1.300
1172	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.15	1.300
1173	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.15	1.300
1174	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	SP	0.15	1.300
1175	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Single Family	Xcel	SPS	0.13	1.300
1176	Res - Networked Connected - Indoor LED Lamp - Space Heating - EH + NC	RE01	R_Single Family	Low Income	Xcel	S	0.13	1.300
1177	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Retail	Xcel	SPS	0.13	1.300
1178	Res - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.12	1.300
1179	Res - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.12	1.300
1180	Res - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.12	1.300
1181	Res - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.12	1.300
1182	Res - Programmable Ceiling Fans	RE17	C_Restaurant	Xcel	SPS	0.12	1.300
1183	Res - Programmable Ceiling Fans	RE17	C_Warehouse	Xcel	SPS	0.12	1.300
1184	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Multi Family	Low Income	Xcel	SPS	0.11	1.300
1185	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Multi Family	Low Income	Xcel	SP	0.11	1.300
1186	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Single Family	Xcel	SPS	0.11	1.300
1187	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Single Family	Low Income	Xcel	SPS	0.11	1.300
1188	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Single Family	Low Income	Xcel	SP	0.11	1.300
1189	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE17	R_Single Family	Low Income	Xcel	SP	0.11	1.300
1190	Res - Heat Pump Dryer - 10% Applicable	RE01	R_Manufactured	Xcel	SPS	0.11	1.300
1191	Res - Heat Pump Dryer - 10% Applicable	RE01	R_Multi Family	Xcel	SPS	0.11	1.300
1192	Res - Heat Pump Dryer - 10% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.11	1.300
1193	Res - Heat Pump Dryer - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.11	1.300
1194	Res - Heat Pump Dryer - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.10	1.300
1195	Com - Chillers (air cooled, centrifugal, screw/scroll)	RE17	C_Other	Xcel	SPS	0.10	1.300
1196	Com - Solar Water Heater - 10% Applicable	RE01	R_Manufactured	Xcel	SPS	0.07	1.300
1197	Com - Solar Water Heater - 10% Applicable	RE01	R_Multi Family	Xcel	SPS	0.07	1.300
1198	Com - Solar Water Heater - 10% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.07	1.300
1199	Com - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.07	1.300
1200	Com - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.07	1.300
1201	Com - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.07	1.300
1202	Com - Solar Water Heater - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.07	1.300
1203	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Manufactured	Xcel	SPS	0.06	1.300
1204	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Multi Family	Xcel	SPS	0.06	1.300
1205	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.06	1.300
1206	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.06	1.300
1207	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.06	1.300
1208	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.06	1.300
1209	Res - Efficient Storage and Tankless Water Heaters - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.06	1.300
1210	Res - Programmable Ceiling Fans	RE17	C_Manufactured	Xcel	SPS	0.06	1.300
1211	Res - Interior operable windows - Space Heating - OH + EC	RE17	R_Multi Family	Low Income	Xcel	SPS	0.06	1.300
1212	Res - Interior operable windows - Space Heating - OH + EC	RE17	R_Single Family	Xcel	SPS	0.06	1.300
1213	Res - Interior operable windows - Space Heating - OH + EC	RE17	R_Single Family	Low Income	Xcel	SPS	0.06	1.300
1214	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Manufactured	Xcel	SPS	0.04	1.300
1215	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Multi Family	Xcel	SPS	0.04	1.300
1216	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Multi Family	Low Income	Xcel	SPS	0.04	1.300
1217	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Single Family	Xcel	SPS	0.04	1.300
1218	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SPS	0.04	1.300
1219	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.04	1.300
1220	Res - ENERGY STAR Clothes Washer - 10% Applicable	RE01	R_Single Family	Low Income	Xcel	SP	0.04	1.300
1221	Res - Ceiling Insulation - Space Heating - EH + EC	R

Rank	Measure	TRC Ratio	Cumulative Potential (GWh/year)
1.0.0	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.03	1.4 GW
1.0.1	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.2	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.03	1.4 GW
1.0.3	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.4	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.03	1.4 GW
1.0.5	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Manufactured | Xcel | SPS	0.03	1.4 GW
1.0.6	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.4 GW
1.0.7	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.03	1.4 GW
1.0.8	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.9	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Multi Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.10	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.03	1.4 GW
1.0.11	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family | Xcel | SPS	0.03	1.4 GW
1.0.12	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.13	Res - ENERGY STAR Refrigerator - 100% Applicable | RCB | R_Single Family Low Income | Xcel | SPS	0.03	1.4 GW
1.0.14	Res - Ceiling Insulation - Space Heating - CH + EC | NEW | R_Manufactured | Xcel | SPS	0.01	1.4 GW
1.0.15	Res - Ceiling Insulation - Space Heating - CH + EC | NEW | R_Multi Family | Xcel | SPS	0.01	1.4 GW
1.0.16	Res - Ceiling Insulation - Space Heating - CH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.01	1.4 GW
1.0.17	Res - Ceiling Insulation - Space Heating - CH + EC | NEW | R_Single Family | Xcel | SPS	0.01	1.4 GW
1.0.18	Res - Ceiling Insulation - Space Heating - CH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.01	1.4 GW
1.0.19	Ind - Select Motor efficient Pumps | NEW | C_Mining Oil & Gas Extraction | Xcel | SPS	0.01	1.4 GW
1.0.20	Ind - Select Motor efficient Pumps | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.00	1.4 GW
1.0.21	Ind - CMUS GMAT | RETR | C_Mining Oil & Gas Extraction | Xcel | SPS	0.10	1.4 GW

Electric Energy Achievable Potential UTC Supply Curve in 2030

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	65,535.00	4
4	Res - Evaporative Cooling - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	7
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	7
6	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	7
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	7
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	65,535.00	7
9	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	7
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	7
11	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	65,535.00	8
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	65,535.00	8
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	65,535.00	9
14	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family Low Incor	65,535.00	10
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable cel | SPS	65,535.00	10
16	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family | Xcel |	65,535.00	15
17	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	65,535.00	16
18	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	65,535.00	21
19	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	26
20	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	26
21	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	65,535.00	30
22	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SP	65,535.00	30
23	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	65,535.00	33
24	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	65,535.00	37
25	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SP	65,535.00	37
26	Ind - No Air Loss Drain | RET | I_Agriculture | Xcel | SPS	63.67	37
27	Com - Pre-rinse Spray Valves | RET | C_Health | Xcel | SPS	62.51	37
28	Com - Pre-rinse Spray Valves | RET | C_Other | Xcel | SPS	62.51	37
29	Com - Pre-rinse Spray Valves | RET | C_College | Xcel | SPS	46.92	37
30	Com - Pre-rinse Spray Valves | RET | C_Grocery | Xcel | SPS	46.84	37
31	Com - Pre-rinse Spray Valves | RET | C_Lodging | Xcel | SPS	46.84	37
32	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	26.33	37
33	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	26.33	38
34	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	26.33	38
35	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	26.33	39
36	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	26.33	39
37	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	24.42	39
38	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	24.42	39
39	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	24.42	39
40	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	24.42	39
41	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	24.42	39
42	Com - Low-flow Faucet Aerator | NEW | C_Other | Xcel | SPS	23.74	39
43	Com - Low-flow Faucet Aerator | RET | C_Other | Xcel | SPS	23.74	39
44	Ind - VFDs on Industrial Fans and Pumps | RET | I_Agriculture | Xcel | SPS	21.62	72
45	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	20.52	72
46	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	20.52	72
47	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	20.52	72
48	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	20.52	72
49	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	20.52	72
50	Com - Exterior LED Lamp | NEW | C_Lodging | Xcel | SPS	19.80	72
51	Com - Exterior LED Lamp | ROB | C_Lodging | Xcel | SPS	19.80	72
52	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	18.50	72
53	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	18.50	72
54	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	18.50	72
55	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	18.50	72
56	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	18.50	72
57	Com - Exterior LED Lamp | NEW | C_Health | Xcel | SPS	18.47	72
58	Com - Exterior LED Lamp | ROB | C_Health | Xcel | SPS	18.47	72
59	Com - Exterior LED Lamp | NEW | C_School | Xcel | SPS	17.90	72
60	Com - Exterior LED Lamp | ROB | C_School | Xcel | SPS	17.90	72
61	Com - Exterior LED Lamp | NEW | C_Restaurant | Xcel | SPS	17.72	73
62	Com - Exterior LED Lamp | ROB | C_Restaurant | Xcel | SPS	17.72	73
63	Com - Exterior LED Lamp | NEW | C_Retail | Xcel | SPS	17.59	73
64	Com - Exterior LED Lamp | ROB | C_Retail | Xcel | SPS	17.59	73
65	Com - Packaged Terminal Heat Pumps | NEW | C_Retail | Xcel | SPS	17.51	73
66	Com - Packaged Terminal Heat Pumps | ROB | C_Retail | Xcel | SPS	17.51	73
67	Com - Exterior LED Lamp | NEW | C_Office | Xcel | SPS	17.42	74
68	Com - Exterior LED Lamp | ROB | C_Office | Xcel | SPS	17.42	77
69	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Manufactured | Xcel |	17.35	78
70	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SP	17.35	78
71	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family Low Incor	17.35	79
72	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family | Xcel |	17.35	83
73	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family Low Inc	17.35	85
74	Com - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Xcel | SPS	17.18	85
75	Com - Packaged Terminal Heat Pumps | ROB | C_Restaurant | Xcel | SPS	17.18	85

Benefit-Cost Ratios of 65,535.00 are equivalent to infinity, which occurs when costs are zero.



Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
76	Com - Packaged Terminal Heat Pumps | NEW | C_Lodging | Xcel | SPS	17.13	85
77	Com - Packaged Terminal Heat Pumps | ROB | C_Lodging | Xcel | SPS	17.13	85
78	Com - Exterior LED Lamp | NEW | C_College | Xcel | SPS	17.01	85
79	Com - Exterior LED Lamp | ROB | C_College | Xcel | SPS	17.01	85
80	Com - Exterior LED Lamp | NEW | C_Other | Xcel | SPS	16.83	85
81	Com - Exterior LED Lamp | ROB | C_Other | Xcel | SPS	16.83	85
82	Com - Exterior LED Lamp | NEW | C_Grocery | Xcel | SPS	15.56	85
83	Com - Exterior LED Lamp | ROB | C_Grocery | Xcel | SPS	15.56	85
84	Com - Pre-rinse Spray Valves | RET | C_School | Xcel | SPS	15.41	85
85	Com - Packaged Terminal Heat Pumps | NEW | C_Office | Xcel | SPS	14.55	86
86	Com - Packaged Terminal Heat Pumps | ROB | C_Office | Xcel | SPS	14.55	89
87	Com - Exterior LED Lamp | NEW | C_Warehouse | Xcel | SPS	14.49	90
88	Com - Exterior LED Lamp | ROB | C_Warehouse | Xcel | SPS	14.49	90
89	Com - Packaged Terminal Heat Pumps | NEW | C_College | Xcel | SPS	14.03	91
90	Com - Packaged Terminal Heat Pumps | ROB | C_College | Xcel | SPS	14.03	91
91	Com - Packaged Terminal Heat Pumps | NEW | C_Health | Xcel | SPS	13.83	91
92	Com - Packaged Terminal Heat Pumps | ROB | C_Health | Xcel | SPS	13.83	91
93	Com - Packaged Terminal Air Conditioners | NEW | C_Lodging | Xcel | SPS	13.78	91
94	Com - Packaged Terminal Air Conditioners | ROB | C_Lodging | Xcel | SPS	13.78	91
95	Com - Packaged Terminal Air Conditioners | NEW | C_Retail | Xcel | SPS	13.76	91
96	Com - Packaged Terminal Air Conditioners | ROB | C_Retail | Xcel | SPS	13.76	91
97	Com - Pre-rinse Spray Valves | RET | C_Restaurant | Xcel | SPS	13.66	91
98	Com - Packaged Terminal Air Conditioners | NEW | C_Restaurant | Xcel | SPS	12.95	91
99	Com - Packaged Terminal Air Conditioners | ROB | C_Restaurant | Xcel | SPS	12.95	91
100	Com - Low-flow Faucet Aerator | NEW | C_College | Xcel | SPS	12.73	91
101	Com - Low-flow Faucet Aerator | RET | C_College | Xcel | SPS	12.73	91
102	Com - Low-flow Faucet Aerator | RET | C_Office | Xcel | SPS	12.73	91
103	Com - Low-flow Faucet Aerator | NEW | C_School | Xcel | SPS	12.73	91
104	Com - Low-flow Faucet Aerator | RET | C_School | Xcel | SPS	12.73	91
105	Com - Packaged Terminal Heat Pumps | NEW | C_Warehouse | Xcel | SPS	12.67	91
106	Com - Packaged Terminal Heat Pumps | ROB | C_Warehouse | Xcel | SPS	12.67	91
107	Com - Packaged Terminal Air Conditioners | NEW | C_College | Xcel | SPS	12.17	91
108	Com - Packaged Terminal Air Conditioners | ROB | C_College | Xcel | SPS	12.17	91
109	Com - Packaged Terminal Air Conditioners | NEW | C_Office | Xcel | SPS	12.13	91
110	Com - Packaged Terminal Air Conditioners | ROB | C_Office | Xcel | SPS	12.13	91
111	Com - Packaged Terminal Heat Pumps | NEW | C_Grocery | Xcel | SPS	12.07	91
112	Com - Packaged Terminal Heat Pumps | ROB | C_Grocery | Xcel | SPS	12.07	91
113	Com - Packaged Terminal Air Conditioners | NEW | C_Health | Xcel | SPS	12.00	91
114	Com - Packaged Terminal Air Conditioners | ROB | C_Health | Xcel | SPS	12.00	91
115	Com - ENERGY STAR Commercial Dishwasher | NEW | C_College | Xcel | SPS	11.63	91
116	Com - ENERGY STAR Commercial Dishwasher | ROB | C_College | Xcel | SPS	11.63	91
117	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Grocery | Xcel | SPS	11.63	91
118	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Grocery | Xcel | SPS	11.63	91
119	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Health | Xcel | SPS	11.63	91
120	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Health | Xcel | SPS	11.63	91
121	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Lodging | Xcel | SPS	11.63	91
122	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Lodging | Xcel | SPS	11.63	91
123	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Restaurant | Xcel | SPS	11.63	91
124	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Restaurant | Xcel | SPS	11.63	91
125	Com - Packaged Terminal Air Conditioners | NEW | C_Warehouse | Xcel | SPS	10.99	91
126	Com - Packaged Terminal Air Conditioners | ROB | C_Warehouse | Xcel | SPS	10.99	92
127	Com - Packaged Terminal Heat Pumps | NEW | C_School | Xcel | SPS	10.63	92
128	Com - Packaged Terminal Heat Pumps | ROB | C_School | Xcel | SPS	10.63	92
129	Com - Packaged Terminal Air Conditioners | NEW | C_Grocery | Xcel | SPS	10.47	92
130	Com - Packaged Terminal Air Conditioners | ROB | C_Grocery | Xcel | SPS	10.47	92
131	Com - Packaged Terminal Heat Pumps | NEW | C_Other | Xcel | SPS	10.46	92
132	Com - Packaged Terminal Heat Pumps | ROB | C_Other | Xcel | SPS	10.46	92
133	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Lodging | Xcel | SPS	10.02	92
134	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Lodging | Xcel | SPS	10.02	92
135	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	9.75	94
136	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	9.75	94
137	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family Low Income | Xcel	9.75	95
138	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family | Xcel | SPS	9.75	103
139	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family Low Income | Xc	9.75	106
140	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	9.40	111
141	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	9.40	111
142	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	9.40	112
143	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	9.40	125
144	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	9.40	131
145	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Other | Xcel | SPS	9.31	131
146	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Other | Xcel | SPS	9.31	131
147	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Restaurant | Xcel | SPS	9.11	131
148	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Restaurant | Xcel | SPS	9.11	131
149	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_School | Xcel | SPS	8.78	131
150	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_School | Xcel | SPS	8.78	131
151	Com - Packaged Terminal Air Conditioners | NEW | C_Other | Xcel | SPS	8.57	131

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
152	Com - Packaged Terminal Air Conditioners | ROB | C_Other | Xcel | SPS	8.57	131
153	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_College | Xcel | SPS	8.48	131
154	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_College | Xcel | SPS	8.48	131
155	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Office | Xcel | SPS	8.41	133
156	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Office | Xcel | SPS	8.41	135
157	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	8.20	136
158	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	8.20	136
159	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	8.20	136
160	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	8.20	136
161	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	8.20	137
162	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	8.20	137
163	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	8.20	137
164	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	8.20	138
165	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	8.20	139
166	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	8.20	139
167	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Health | Xcel | SPS	8.09	140
168	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Health | Xcel | SPS	8.09	140
169	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Retail | Xcel | SPS	8.07	141
170	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Retail | Xcel | SPS	8.07	141
171	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	8.06	142
172	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	8.06	142
173	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	8.06	143
174	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	8.06	145
175	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	8.06	146
176	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Health | Xcel | SPS	8.04	146
177	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Health | Xcel | SPS	8.04	146
178	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Retail | Xcel | SPS	7.87	146
179	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Retail | Xcel | SPS	7.87	146
180	Com - Packaged Terminal Air Conditioners | NEW | C_School | Xcel | SPS	7.78	146
181	Com - Packaged Terminal Air Conditioners | ROB | C_School | Xcel | SPS	7.78	146
182	Com - Custom motors | NEW | C_College | Xcel | SPS	7.77	146
183	Com - Custom motors | RET | C_College | Xcel | SPS	7.77	146
184	Com - Custom motors | NEW | C_Grocery | Xcel | SPS	7.77	146
185	Com - Custom motors | RET | C_Grocery | Xcel | SPS	7.77	147
186	Com - Custom motors | NEW | C_Health | Xcel | SPS	7.77	147
187	Com - Custom motors | RET | C_Health | Xcel | SPS	7.77	147
188	Com - Custom motors | NEW | C_Lodging | Xcel | SPS	7.77	147
189	Com - Custom motors | RET | C_Lodging | Xcel | SPS	7.77	147
190	Com - Custom motors | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	7.77	147
191	Com - Custom motors | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	7.77	148
192	Com - Custom motors | NEW | C_Office | Xcel | SPS	7.77	148
193	Com - Custom motors | RET | C_Office | Xcel | SPS	7.77	151
194	Com - Custom motors | NEW | C_Other | Xcel | SPS	7.77	151
195	Com - Custom motors | RET | C_Other | Xcel | SPS	7.77	151
196	Com - Custom motors | NEW | C_Restaurant | Xcel | SPS	7.77	151
197	Com - Custom motors | RET | C_Restaurant | Xcel | SPS	7.77	152
198	Com - Custom motors | NEW | C_Retail | Xcel | SPS	7.77	152
199	Com - Custom motors | RET | C_Retail | Xcel | SPS	7.77	153
200	Com - Custom motors | NEW | C_School | Xcel | SPS	7.77	153
201	Com - Custom motors | RET | C_School | Xcel | SPS	7.77	153
202	Com - Custom motors | NEW | C_Warehouse | Xcel | SPS	7.77	153
203	Com - Custom motors | RET | C_Warehouse | Xcel | SPS	7.77	154
204	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Restaurant | Xcel | SPS	7.65	154
205	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Restaurant | Xcel | SPS	7.65	154
206	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.58	154
207	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	7.58	154
208	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.58	154
209	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	7.58	154
210	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.58	154
211	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	7.58	154
212	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.58	155
213	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	7.58	156
214	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.58	156
215	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	7.58	157
216	Com - Room Air Conditioners | NEW | C_Retail | Xcel | SPS	7.51	157
217	Com - Room Air Conditioners | ROB | C_Retail | Xcel | SPS	7.51	157
218	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.44	157
219	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.44	157
220	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.44	157
221	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.44	157
222	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.44	158
223	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.39	158
224	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.39	158
225	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.39	158
226	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.39	158
227	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.39	158

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
228	Com - Room Air Conditioners | NEW | C_Lodging | Xcel | SPS	7.39	158
229	Com - Room Air Conditioners | ROB | C_Lodging | Xcel | SPS	7.39	158
230	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Warehouse | Xcel | SPS	7.37	159
231	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Warehouse | Xcel | SPS	7.37	159
232	Com - Room Air Conditioners | NEW | C_Restaurant | Xcel | SPS	7.10	159
233	Com - Room Air Conditioners | ROB | C_Restaurant | Xcel | SPS	7.10	159
234	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Grocery | Xcel | SPS	6.79	159
235	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Grocery | Xcel | SPS	6.79	159
236	Com - Low-flow Faucet Aerator | NEW | C_Health | Xcel | SPS	6.79	160
237	Com - Low-flow Faucet Aerator | RET | C_Health | Xcel | SPS	6.79	162
238	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Grocery | Xcel | SPS	6.70	162
239	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Grocery | Xcel | SPS	6.70	162
240	Com - Room Air Conditioners | NEW | C_College | Xcel | SPS	6.65	162
241	Com - Room Air Conditioners | ROB | C_College | Xcel | SPS	6.65	162
242	Com - Room Air Conditioners | NEW | C_Office | Xcel | SPS	6.65	163
243	Com - Room Air Conditioners | ROB | C_Office | Xcel | SPS	6.65	165
244	Com - Room Air Conditioners | NEW | C_Health | Xcel | SPS	6.57	165
245	Com - Room Air Conditioners | ROB | C_Health | Xcel | SPS	6.57	165
246	Com - Exterior LED fixture | NEW | C_Lodging | Xcel | SPS	6.51	165
247	Com - Exterior LED fixture | ROB | C_Lodging | Xcel | SPS	6.51	165
248	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_College | Xcel | SPS	6.35	165
249	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	6.35	168
250	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	6.35	168
251	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Lodging | Xcel | SPS	6.35	168
252	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Office | Xcel | SPS	6.35	168
253	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	6.35	168
254	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Restaurant | Xcel | SPS	6.35	170
255	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	6.35	171
256	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_School | Xcel | SPS	6.35	171
257	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Warehouse | Xcel | SPS	6.35	172
258	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Warehouse | Xcel | SPS	6.27	174
259	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Warehouse | Xcel | SPS	6.27	175
260	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Office | Xcel | SPS	6.26	177
261	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Office | Xcel | SPS	6.26	177
262	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Other | Xcel | SPS	6.12	177
263	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Other | Xcel | SPS	6.12	177
264	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	6.10	177
265	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	6.10	177
266	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	6.10	177
267	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	6.10	178
268	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	6.10	178
269	Com - Exterior LED fixture | NEW | C_Health | Xcel | SPS	6.07	178
270	Com - Exterior LED fixture | ROB | C_Health | Xcel | SPS	6.07	179
271	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	5.99	179
272	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	5.99	179
273	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	5.99	179
274	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	5.99	179
275	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	5.99	179
276	Com - Exterior LED fixture | NEW | C_School | Xcel | SPS	5.89	179
277	Com - Exterior LED fixture | ROB | C_School | Xcel | SPS	5.89	179
278	Com - Custom cooling | NEW | C_College | Xcel | SPS	5.87	179
279	Com - Custom cooling | RET | C_College | Xcel | SPS	5.87	179
280	Com - Custom cooling | NEW | C_Grocery | Xcel | SPS	5.87	179
281	Com - Custom cooling | RET | C_Grocery | Xcel | SPS	5.87	179
282	Com - Custom cooling | NEW | C_Health | Xcel | SPS	5.87	179
283	Com - Custom cooling | RET | C_Health | Xcel | SPS	5.87	179
284	Com - Custom cooling | NEW | C_Lodging | Xcel | SPS	5.87	179
285	Com - Custom cooling | RET | C_Lodging | Xcel | SPS	5.87	179
286	Com - Custom cooling | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.87	179
287	Com - Custom cooling | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.87	180
288	Com - Custom cooling | NEW | C_Office | Xcel | SPS	5.87	181
289	Com - Custom cooling | RET | C_Office | Xcel | SPS	5.87	183
290	Com - Custom cooling | NEW | C_Other | Xcel | SPS	5.87	183
291	Com - Custom cooling | RET | C_Other | Xcel | SPS	5.87	183
292	Com - Custom cooling | NEW | C_Restaurant | Xcel | SPS	5.87	183
293	Com - Custom cooling | RET | C_Restaurant | Xcel | SPS	5.87	184
294	Com - Custom cooling | NEW | C_Retail | Xcel | SPS	5.87	184
295	Com - Custom cooling | RET | C_Retail | Xcel | SPS	5.87	185
296	Com - Custom cooling | NEW | C_School | Xcel | SPS	5.87	185
297	Com - Custom cooling | RET | C_School | Xcel | SPS	5.87	185
298	Com - Custom cooling | NEW | C_Warehouse | Xcel | SPS	5.87	185
299	Com - Custom cooling | RET | C_Warehouse | Xcel | SPS	5.87	186
300	Com - Exterior LED fixture | NEW | C_Restaurant | Xcel | SPS	5.83	186
301	Com - Exterior LED fixture | ROB | C_Restaurant | Xcel | SPS	5.83	186
302	Com - Room Air Conditioners | NEW | C_Warehouse | Xcel | SPS	5.81	187
303	Com - Room Air Conditioners | ROB | C_Warehouse | Xcel | SPS	5.81	187

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
304	Com - Exterior LED fixture | NEW | C_Retail | Xcel | SPS	5.79	187
305	Com - Exterior LED fixture | ROB | C_Retail | Xcel | SPS	5.79	187
306	Com - Room Air Conditioners | NEW | C_Grocery | Xcel | SPS	5.78	187
307	Com - Room Air Conditioners | ROB | C_Grocery | Xcel | SPS	5.78	187
308	Com - Custom Lighting | NEW | C_College | Xcel | SPS	5.74	187
309	Com - Custom Lighting | NEW | C_Grocery | Xcel | SPS	5.74	187
310	Com - Custom Lighting | NEW | C_Health | Xcel | SPS	5.74	187
311	Com - Custom Lighting | NEW | C_Lodging | Xcel | SPS	5.74	187
312	Com - Custom Lighting | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.74	188
313	Com - Custom Lighting | NEW | C_Office | Xcel | SPS	5.74	190
314	Com - Custom Lighting | NEW | C_Other | Xcel | SPS	5.74	190
315	Com - Custom Lighting | NEW | C_Restaurant | Xcel | SPS	5.74	190
316	Com - Custom Lighting | NEW | C_Retail | Xcel | SPS	5.74	191
317	Com - Custom Lighting | NEW | C_School | Xcel | SPS	5.74	191
318	Com - Custom Lighting | NEW | C_Warehouse | Xcel | SPS	5.74	193
319	Com - Exterior LED fixture | NEW | C_Office | Xcel | SPS	5.73	195
320	Com - Exterior LED fixture | ROB | C_Office | Xcel | SPS	5.73	197
321	Ind - LED Lighting for Industrial Applications | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.61	197
322	Ind - LED Lighting for Industrial Applications | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.61	198
323	Com - Exterior LED fixture | NEW | C_College | Xcel | SPS	5.59	198
324	Com - Exterior LED fixture | ROB | C_College | Xcel | SPS	5.59	198
325	Com - Exterior LED fixture | NEW | C_Other | Xcel | SPS	5.54	198
326	Com - Exterior LED fixture | ROB | C_Other | Xcel | SPS	5.54	198
327	Com - Anti-Sweat Heater Controls | RET | C_College | Xcel | SPS	5.44	198
328	Com - Anti-Sweat Heater Controls | RET | C_Grocery | Xcel | SPS	5.44	200
329	Com - Anti-Sweat Heater Controls | RET | C_Health | Xcel | SPS	5.44	200
330	Com - Anti-Sweat Heater Controls | RET | C_Lodging | Xcel | SPS	5.44	200
331	Com - Anti-Sweat Heater Controls | RET | C_Office | Xcel | SPS	5.44	200
332	Com - Anti-Sweat Heater Controls | RET | C_Other | Xcel | SPS	5.44	200
333	Com - Anti-Sweat Heater Controls | RET | C_Restaurant | Xcel | SPS	5.44	201
334	Com - Anti-Sweat Heater Controls | RET | C_Retail | Xcel | SPS	5.44	201
335	Com - Anti-Sweat Heater Controls | RET | C_School | Xcel | SPS	5.44	201
336	Com - Anti-Sweat Heater Controls | RET | C_Warehouse | Xcel | SPS	5.44	201
337	Ind - VFDs on Industrial Fans and Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.39	266
338	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_College | Xcel | SPS	5.30	266
339	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_College | Xcel | SPS	5.30	266
340	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_School | Xcel | SPS	5.23	266
341	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_School | Xcel | SPS	5.23	266
342	Com - Exterior LED fixture | NEW | C_Grocery | Xcel | SPS	5.12	266
343	Com - Exterior LED fixture | ROB | C_Grocery | Xcel | SPS	5.12	266
344	Ind - VFDs on Industrial Fans and Pumps | RET | I_Manufacturing | Xcel | SPS	4.93	279
345	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Health | Xcel | SPS	4.81	279
346	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Health | Xcel | SPS	4.81	280
347	Com - Exterior LED fixture | NEW | C_Warehouse | Xcel | SPS	4.77	280
348	Com - Exterior LED fixture | ROB | C_Warehouse | Xcel | SPS	4.77	281
349	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Lodging | Xcel | SPS	4.64	281
350	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Lodging | Xcel | SPS	4.64	281
351	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Lodging | Xcel | SPS	4.60	281
352	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Lodging | Xcel | SPS	4.60	281
353	Com - Room Air Conditioners | NEW | C_Other | Xcel | SPS	4.55	281
354	Com - Room Air Conditioners | ROB | C_Other | Xcel | SPS	4.55	281
355	Com - Room Air Conditioners | NEW | C_School | Xcel | SPS	4.40	281
356	Com - Room Air Conditioners | ROB | C_School | Xcel | SPS	4.40	281
357	Com - Packaged Terminal Heat Pumps | RET | C_Retail | Xcel | SPS	4.38	281
358	Com - LED Refrigerated Case Lighting | NEW | C_Lodging | Xcel | SPS	4.37	281
359	Com - LED Refrigerated Case Lighting | RET | C_Lodging | Xcel | SPS	4.37	281
360	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Other | Xcel | SPS	4.31	281
361	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Other | Xcel | SPS	4.31	281
362	Com - Packaged Terminal Heat Pumps | RET | C_Restaurant | Xcel | SPS	4.30	281
363	Com - Packaged Terminal Heat Pumps | RET | C_Lodging | Xcel | SPS	4.28	281
364	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_School | Xcel | SPS	4.07	281
365	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_School | Xcel | SPS	4.07	281
366	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_College | Xcel | SPS	3.93	281
367	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_College | Xcel | SPS	3.93	281
368	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	3.91	281
369	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family | Xcel | SPS	3.91	282
370	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	3.91	282
371	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	3.91	282
372	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Office | Xcel | SPS	3.90	283
373	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Office | Xcel | SPS	3.90	283
374	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Health | Xcel | SPS	3.75	284
375	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Health | Xcel | SPS	3.75	284
376	Ind - Dew Point Controls | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.74	285
377	Ind - Dew Point Controls | RET | I_Agriculture | Xcel | SPS	3.74	285
378	Ind - Dew Point Controls | RET | I_Manufacturing | Xcel | SPS	3.74	285
379	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Retail | Xcel | SPS	3.74	285

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
380	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Retail | Xcel | SPS	3.74	285
381	Com - Interior Network Connected LED Lamps | NEW | C_Office | Xcel | SPS	3.72	285
382	Com - Interior Network Connected LED Lamps | ROB | C_Office | Xcel | SPS	3.72	285
383	Com - Interior Network Connected LED Lamps | NEW | C_Lodging | Xcel | SPS	3.69	285
384	Com - Interior Network Connected LED Lamps | ROB | C_Lodging | Xcel | SPS	3.69	285
385	Com - LED Refrigerated Case Lighting | NEW | C_School | Xcel | SPS	3.68	285
386	Com - LED Refrigerated Case Lighting | RET | C_School | Xcel | SPS	3.68	285
387	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	3.65	285
388	Res - Low-flow Showerheads - 100% Applicable | RET | R_Manufactured | Xcel | SPS	3.65	286
389	Com - Packaged Terminal Heat Pumps | RET | C_Office | Xcel | SPS	3.64	289
390	Com - Interior Network Connected LED Lamps | NEW | C_Other | Xcel | SPS	3.64	289
391	Com - Interior Network Connected LED Lamps | ROB | C_Other | Xcel | SPS	3.64	289
392	Com - Interior Network Connected LED Lamps | NEW | C_School | Xcel | SPS	3.62	289
393	Com - Interior Network Connected LED Lamps | ROB | C_School | Xcel | SPS	3.62	289
394	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	3.60	289
395	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	3.60	289
396	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.60	289
397	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	3.60	289
398	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.60	289
399	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Restaurant | Xcel | SPS	3.54	289
400	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Restaurant | Xcel | SPS	3.54	289
401	Com - Interior Network Connected LED Fixtures | NEW | C_Lodging | Xcel | SPS	3.52	289
402	Com - Interior Network Connected LED Fixtures | ROB | C_Lodging | Xcel | SPS	3.52	289
403	Com - Packaged Terminal Heat Pumps | RET | C_College | Xcel | SPS	3.51	289
404	Com - Interior Network Connected LED Lamps | NEW | C_Retail | Xcel | SPS	3.46	289
405	Com - Interior Network Connected LED Lamps | ROB | C_Retail | Xcel | SPS	3.46	289
406	Com - Packaged Terminal Heat Pumps | RET | C_Health | Xcel | SPS	3.46	289
407	Com - LED Refrigerated Case Lighting | NEW | C_College | Xcel | SPS	3.45	289
408	Com - LED Refrigerated Case Lighting | RET | C_College | Xcel | SPS	3.45	289
409	Com - Packaged Terminal Air Conditioners | RET | C_Lodging | Xcel | SPS	3.45	289
410	Com - Packaged Terminal Air Conditioners | RET | C_Retail | Xcel | SPS	3.44	289
411	Com - New Construction - Lighting Power Density | NEW | C_College | Xcel | SPS	3.44	290
412	Com - New Construction - Lighting Power Density | NEW | C_Grocery | Xcel | SPS	3.44	290
413	Com - New Construction - Lighting Power Density | NEW | C_Health | Xcel | SPS	3.44	290
414	Com - New Construction - Lighting Power Density | NEW | C_Lodging | Xcel | SPS	3.44	290
415	Com - New Construction - Lighting Power Density | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.44	291
416	Com - New Construction - Lighting Power Density | NEW | C_Office | Xcel | SPS	3.44	293
417	Com - New Construction - Lighting Power Density | NEW | C_Other | Xcel | SPS	3.44	293
418	Com - New Construction - Lighting Power Density | NEW | C_Restaurant | Xcel | SPS	3.44	294
419	Com - New Construction - Lighting Power Density | NEW | C_Retail | Xcel | SPS	3.44	295
420	Com - New Construction - Lighting Power Density | NEW | C_School | Xcel | SPS	3.44	295
421	Com - New Construction - Lighting Power Density | NEW | C_Warehouse | Xcel | SPS	3.44	297
422	Com - Interior Network Connected LED Lamps | NEW | C_College | Xcel | SPS	3.42	297
423	Com - Interior Network Connected LED Lamps | ROB | C_College | Xcel | SPS	3.42	297
424	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family | Xcel | SPS	3.39	297
425	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family | Xcel | SPS	3.39	299
426	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	3.39	299
427	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	3.39	300
428	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_College | Xcel | SPS	3.36	300
429	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_College | Xcel | SPS	3.36	300
430	Com - Direct Evaporative Pre-Cooling | NEW | C_Lodging | Xcel | SPS	3.33	300
431	Com - Direct Evaporative Pre-Cooling | ROB | C_Lodging | Xcel | SPS	3.33	300
432	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	3.29	301
433	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	3.29	301
434	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.29	301
435	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	3.29	304
436	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.29	306
437	Com - Interior Network Connected LED Fixtures | NEW | C_Other | Xcel | SPS	3.27	306
438	Com - Interior Network Connected LED Fixtures | ROB | C_Other | Xcel | SPS	3.27	306
439	Com - Packaged Terminal Air Conditioners | RET | C_Restaurant | Xcel | SPS	3.24	306
440	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Manufa	3.21	306
441	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Manufa	3.21	306
442	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi F	3.21	306
443	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi Fa	3.21	306
444	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi F	3.21	306
445	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi Fa	3.21	306
446	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	3.21	307
447	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	3.21	309
448	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	3.21	309
449	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	3.21	310
450	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Office | Xcel | SPS	3.20	310
451	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Office | Xcel | SPS	3.20	312
452	Com - Packaged Terminal Heat Pumps | RET | C_Warehouse | Xcel | SPS	3.17	312
453	Com - LED Refrigerated Case Lighting | NEW | C_Office | Xcel | SPS	3.16	312
454	Com - LED Refrigerated Case Lighting | RET | C_Office | Xcel | SPS	3.16	313
455	Com - LED Refrigerated Case Lighting | NEW | C_Other | Xcel | SPS	3.16	313

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
456	Com - LED Refrigerated Case Lighting | RET | C_Other | Xcel | SPS	3.16	313
457	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Lodging | Xcel | SPS	3.16	313
458	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Lodging | Xcel | SPS	3.16	313
459	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Grocery | Xcel | SPS	3.10	313
460	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Grocery | Xcel | SPS	3.10	313
461	Com - Direct Evaporative Pre-Cooling | NEW | C_Health | Xcel | SPS	3.10	313
462	Com - Direct Evaporative Pre-Cooling | ROB | C_Health | Xcel | SPS	3.10	313
463	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Grocery | Xcel | SPS	3.10	313
464	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Grocery | Xcel | SPS	3.10	313
465	Com - Interior Network Connected LED Fixtures | NEW | C_School | Xcel | SPS	3.08	313
466	Com - Interior Network Connected LED Fixtures | ROB | C_School | Xcel | SPS	3.08	313
467	Com - Interior Network Connected LED Lamps | NEW | C_Restaurant | Xcel | SPS	3.07	313
468	Com - Interior Network Connected LED Lamps | ROB | C_Restaurant | Xcel | SPS	3.07	313
469	Com - Water Source Heat Pump | NEW | C_Lodging | Xcel | SPS	3.05	313
470	Com - Water Source Heat Pump | ROB | C_Lodging | Xcel | SPS	3.05	313
471	Com - Packaged Terminal Air Conditioners | RET | C_College | Xcel | SPS	3.04	313
472	Com - Water Source Heat Pump | NEW | C_Retail | Xcel | SPS	3.04	313
473	Com - Water Source Heat Pump | ROB | C_Retail | Xcel | SPS	3.04	313
474	Com - Packaged Terminal Air Conditioners | RET | C_Office | Xcel | SPS	3.03	313
475	Com - Packaged Terminal Heat Pumps | RET | C_Grocery | Xcel | SPS	3.02	313
476	Com - Packaged Terminal Air Conditioners | RET | C_Health | Xcel | SPS	3.00	313
477	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	3.00	313
478	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	3.00	313
479	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.00	313
480	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	3.00	313
481	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.00	313
482	Ind - LED Lighting for Industrial Applications | NEW | I_Agriculture | Xcel | SPS	2.99	313
483	Ind - LED Lighting for Industrial Applications | ROB | I_Agriculture | Xcel | SPS	2.99	313
484	Ind - LED Lighting for Industrial Applications | NEW | I_Manufacturing | Xcel | SPS	2.99	314
485	Ind - LED Lighting for Industrial Applications | ROB | I_Manufacturing | Xcel | SPS	2.99	315
486	Com - Low-flow Faucet Aerator | NEW | C_Lodging | Xcel | SPS	2.98	315
487	Com - Low-flow Faucet Aerator | RET | C_Lodging | Xcel | SPS	2.98	315
488	Com - Low-flow Faucet Aerator | NEW | C_Restaurant | Xcel | SPS	2.98	315
489	Com - Low-flow Faucet Aerator | RET | C_Restaurant | Xcel | SPS	2.98	315
490	Com - Interior Network Connected LED Fixtures | NEW | C_College | Xcel | SPS	2.98	315
491	Com - Interior Network Connected LED Fixtures | ROB | C_College | Xcel | SPS	2.98	315
492	Com - Interior Network Connected LED Fixtures | NEW | C_Office | Xcel | SPS	2.95	315
493	Com - Interior Network Connected LED Fixtures | ROB | C_Office | Xcel | SPS	2.95	315
494	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Warehouse | Xcel | SPS	2.90	315
495	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Warehouse | Xcel | SPS	2.90	315
496	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family | Xcel | SPS	2.89	315
497	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family | Xcel | SPS	2.89	315
498	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	2.89	315
499	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	2.89	315
500	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	2.89	315
501	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	2.89	315
502	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	2.89	315
503	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	2.89	315
504	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	2.89	315
505	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	2.89	315
506	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_School | Xcel | SPS	2.89	315
507	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_School | Xcel | SPS	2.89	315
508	Com - Direct Evaporative Pre-Cooling | NEW | C_Office | Xcel | SPS	2.89	316
509	Com - Direct Evaporative Pre-Cooling | ROB | C_Office | Xcel | SPS	2.89	317
510	Com - Water Source Heat Pump | NEW | C_Restaurant | Xcel | SPS	2.86	317
511	Com - Water Source Heat Pump | ROB | C_Restaurant | Xcel | SPS	2.86	317
512	Com - Direct Evaporative Pre-Cooling | NEW | C_Restaurant | Xcel | SPS	2.86	317
513	Com - Direct Evaporative Pre-Cooling | ROB | C_Restaurant | Xcel | SPS	2.86	317
514	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	2.85	318
515	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.85	318
516	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	2.85	318
517	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	2.85	318
518	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.85	319
519	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	2.85	319
520	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	2.85	319
521	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	2.85	319
522	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	2.85	319
523	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	2.85	319
524	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.85	319
525	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	2.85	319
526	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	2.85	319
527	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.85	320
528	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	2.85	320
529	Com - Interior Network Connected LED Fixtures | NEW | C_Health | Xcel | SPS	2.84	320
530	Com - Interior Network Connected LED Fixtures | ROB | C_Health | Xcel | SPS	2.84	320
531	Com - Interior Network Connected LED Fixtures | NEW | C_Retail | Xcel | SPS	2.83	320

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
532	Com - Interior Network Connected LED Fixtures | ROB | C_Retail | Xcel | SPS	2.83	320
533	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Manufa	2.82	321
534	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi Fa	2.82	321
535	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi Fa	2.82	321
536	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single F	2.82	327
537	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single F	2.82	330
538	Com - Interior Network Connected LED Lamps | NEW | C_Health | Xcel | SPS	2.81	330
539	Com - Interior Network Connected LED Lamps | ROB | C_Health | Xcel | SPS	2.81	330
540	Com - Packaged Terminal Air Conditioners | RET | C_Warehouse | Xcel | SPS	2.75	330
541	Com - Direct Evaporative Pre-Cooling | NEW | C_Grocery | Xcel | SPS	2.75	330
542	Com - Direct Evaporative Pre-Cooling | ROB | C_Grocery | Xcel | SPS	2.75	330
543	Ind - No Air Loss Drain | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.70	331
544	Ind - No Air Loss Drain | RET | I_Manufacturing | Xcel | SPS	2.70	331
545	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Lodging | Xcel | SPS	2.69	331
546	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Lodging | Xcel | SPS	2.69	331
547	Com - Water Source Heat Pump | NEW | C_College | Xcel | SPS	2.69	331
548	Com - Water Source Heat Pump | ROB | C_College | Xcel | SPS	2.69	331
549	Com - Direct Evaporative Pre-Cooling | NEW | C_Other | Xcel | SPS	2.69	332
550	Com - Direct Evaporative Pre-Cooling | ROB | C_Other | Xcel | SPS	2.69	332
551	Com - Water Source Heat Pump | NEW | C_Office | Xcel | SPS	2.68	332
552	Com - Water Source Heat Pump | ROB | C_Office | Xcel | SPS	2.68	332
553	Com - Interior Network Connected LED Fixtures | NEW | C_Restaurant | Xcel | SPS	2.68	332
554	Com - Interior Network Connected LED Fixtures | ROB | C_Restaurant | Xcel | SPS	2.68	332
555	Com - Guest Room Energy Management | RET | C_Lodging | Xcel | SPS	2.68	332
556	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Manufa	2.67	332
557	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Manufa	2.67	333
558	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	2.67	333
559	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi Fa	2.67	333
560	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	2.67	333
561	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi Fa	2.67	333
562	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	2.67	334
563	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single F	2.67	335
564	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	2.67	335
565	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single F	2.67	335
566	Com - Direct Evaporative Pre-Cooling | NEW | C_Retail | Xcel | SPS	2.67	335
567	Com - Direct Evaporative Pre-Cooling | ROB | C_Retail | Xcel | SPS	2.67	335
568	Com - Packaged Terminal Heat Pumps | RET | C_School | Xcel | SPS	2.66	335
569	Com - Water Source Heat Pump | NEW | C_Health | Xcel | SPS	2.65	335
570	Com - Water Source Heat Pump | ROB | C_Health | Xcel | SPS	2.65	335
571	Com - Packaged Terminal Air Conditioners | RET | C_Grocery | Xcel | SPS	2.62	335
572	Com - Packaged Terminal Heat Pumps | RET | C_Other | Xcel | SPS	2.61	335
573	Com - Interior Network Connected LED Lamps | NEW | C_Warehouse | Xcel | SPS	2.51	335
574	Com - Interior Network Connected LED Lamps | ROB | C_Warehouse | Xcel | SPS	2.51	335
575	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Other | Xcel | SPS	2.50	335
576	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Other | Xcel | SPS	2.50	335
577	Com - Direct Evaporative Pre-Cooling | NEW | C_College | Xcel | SPS	2.45	335
578	Com - Direct Evaporative Pre-Cooling | ROB | C_College | Xcel | SPS	2.45	336
579	Com - Water Source Heat Pump | NEW | C_Warehouse | Xcel | SPS	2.43	336
580	Com - Water Source Heat Pump | ROB | C_Warehouse | Xcel | SPS	2.43	336
581	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Lodging | Xcel | SPS	2.41	336
582	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Lodging | Xcel | SPS	2.41	336
583	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.36	338
584	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.36	338
585	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.36	338
586	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.36	343
587	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.36	346
588	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_School | Xcel | SPS	2.36	346
589	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_School | Xcel | SPS	2.36	346
590	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Retail | Xcel | SPS	2.36	346
591	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Retail | Xcel | SPS	2.36	346
592	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	2.36	346
593	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	2.36	346
594	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	2.36	346
595	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	2.36	346
596	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	2.36	346
597	Com - Interior Network Connected LED Fixtures | NEW | C_Grocery | Xcel | SPS	2.35	346
598	Com - Interior Network Connected LED Fixtures | ROB | C_Grocery | Xcel | SPS	2.35	346
599	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Manufa	2.35	347
600	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	2.35	347
601	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	2.35	348
602	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single F	2.35	352
603	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single F	2.35	354
604	Com - LED Refrigerated Case Lighting | NEW | C_Retail | Xcel | SPS	2.34	354
605	Com - LED Refrigerated Case Lighting | RET | C_Retail | Xcel | SPS	2.34	354
606	Com - Water Source Heat Pump | NEW | C_Grocery | Xcel | SPS	2.32	354
607	Com - Water Source Heat Pump | ROB | C_Grocery | Xcel | SPS	2.32	354

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
608	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.30	355
609	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.30	355
610	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.30	355
611	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.30	356
612	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.30	356
613	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_College | Xcel | SPS	2.27	356
614	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_College | Xcel | SPS	2.27	356
615	Com - Interior Network Connected LED Lamps | NEW | C_Grocery | Xcel | SPS	2.27	356
616	Com - Interior Network Connected LED Lamps | ROB | C_Grocery | Xcel | SPS	2.27	356
617	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Office | Xcel | SPS	2.25	358
618	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Office | Xcel | SPS	2.25	360
619	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Other | Xcel | SPS	2.23	360
620	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Other | Xcel | SPS	2.23	360
621	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	2.21	360
622	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	2.21	360
623	Com - Interior Network Connected LED Fixtures | NEW | C_Warehouse | Xcel | SPS	2.20	360
624	Com - Interior Network Connected LED Fixtures | ROB | C_Warehouse | Xcel | SPS	2.20	360
625	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Health | Xcel | SPS	2.16	360
626	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Health | Xcel | SPS	2.16	360
627	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Retail | Xcel | SPS	2.16	360
628	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Retail | Xcel | SPS	2.16	360
629	Com - Packaged Terminal Air Conditioners | RET | C_Other | Xcel | SPS	2.14	360
630	Com - High Efficiency Central Heat Pump System | NEW | C_Retail | Xcel | SPS	2.12	360
631	Com - High Efficiency Central Heat Pump System | ROB | C_Retail | Xcel | SPS	2.12	361
632	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_School | Xcel | SPS	2.11	361
633	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_School | Xcel | SPS	2.11	361
634	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Manufa	2.10	361
635	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Manufa	2.10	361
636	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	2.10	361
637	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi Fa	2.10	361
638	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	2.10	361
639	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi Fa	2.10	361
640	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	2.10	361
641	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single I	2.10	361
642	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	2.10	361
643	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single I	2.10	361
644	Com - High Efficiency Central Heat Pump System | NEW | C_Lodging | Xcel | SPS	2.08	361
645	Com - High Efficiency Central Heat Pump System | ROB | C_Lodging | Xcel | SPS	2.08	361
646	Com - High Efficiency Central Heat Pump System | NEW | C_Restaurant | Xcel | SPS	2.08	361
647	Com - High Efficiency Central Heat Pump System | ROB | C_Restaurant | Xcel | SPS	2.08	362
648	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	2.06	362
649	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	2.06	362
650	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.06	362
651	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	2.06	362
652	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.06	362
653	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Restaurant | Xcel | SPS	2.04	362
654	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Restaurant | Xcel | SPS	2.04	362
655	Com - Ductless Mini-Split Heat Pumps | ROB | C_Restaurant | Xcel | SPS	2.04	362
656	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_College | Xcel | SPS	2.03	362
657	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_College | Xcel | SPS	2.03	362
658	Com - Exterior Lighting Controls | RET | C_Health | Xcel | SPS	2.03	362
659	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Health | Xcel | SPS	2.03	362
660	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Office | Xcel | SPS	2.01	362
661	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Office | Xcel | SPS	2.01	363
662	Com - Exterior Lighting Controls | RET | C_Restaurant | Xcel | SPS	1.99	363
663	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Restaurant | Xcel | SPS	1.99	363
664	Com - Ductless Mini-Split Heat Pumps | ROB | C_Retail | Xcel | SPS	1.96	363
665	Com - Packaged Terminal Air Conditioners | RET | C_School | Xcel | SPS	1.94	363
666	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Health | Xcel | SPS	1.93	363
667	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Health | Xcel | SPS	1.93	363
668	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Retail | Xcel | SPS	1.93	364
669	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Retail | Xcel | SPS	1.93	364
670	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	1.91	364
671	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.91	364
672	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	1.91	364
673	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	1.91	364
674	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.91	364
675	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	1.91	364
676	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.91	364
677	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.91	364
678	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.91	364
679	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	1.91	364
680	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.91	364
681	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	1.91	364
682	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.91	364
683	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.91	364

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
684	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.91	364
685	Com - Ductless Mini-Split Heat Pumps | ROB | C_Lodging | Xcel | SPS	1.90	364
686	Com - Water Source Heat Pump | NEW | C_Other | Xcel | SPS	1.89	364
687	Com - Water Source Heat Pump | ROB | C_Other | Xcel | SPS	1.89	364
688	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.89	364
689	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.89	364
690	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.89	364
691	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.89	364
692	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.89	364
693	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.89	364
694	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.89	364
695	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.89	364
696	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.89	364
697	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.89	364
698	Com - Room Air Conditioners | RET | C_Retail | Xcel | SPS	1.88	364
699	Com - LED Refrigerated Case Lighting | NEW | C_Health | Xcel | SPS	1.88	364
700	Com - LED Refrigerated Case Lighting | RET | C_Health | Xcel | SPS	1.88	364
701	Ind - Air Compressor Optimization | RET | I_Manufacturing | Xcel | SPS	1.86	365
702	Com - Room Air Conditioners | RET | C_Lodging | Xcel | SPS	1.85	365
703	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Manufa	1.84	365
704	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi Fa	1.84	365
705	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi Fa	1.84	365
706	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single F	1.84	365
707	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single F	1.84	365
708	Com - LED Refrigerated Case Lighting | NEW | C_Warehouse | Xcel | SPS	1.84	365
709	Com - LED Refrigerated Case Lighting | RET | C_Warehouse | Xcel | SPS	1.84	366
710	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Restaurant | Xcel | SP	1.82	366
711	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Restaurant | Xcel | SP	1.82	366
712	Com - LED Refrigerated Case Lighting | NEW | C_Restaurant | Xcel | SPS	1.81	366
713	Com - LED Refrigerated Case Lighting | RET | C_Restaurant | Xcel | SPS	1.81	366
714	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Grocery | Xcel | SPS	1.79	366
715	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Grocery | Xcel | SPS	1.79	366
716	Com - LED Refrigerated Case Lighting | NEW | C_Grocery | Xcel | SPS	1.79	366
717	Com - LED Refrigerated Case Lighting | RET | C_Grocery | Xcel | SPS	1.79	366
718	Com - Room Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.78	366
719	Com - Exterior Lighting Controls | RET | C_Grocery | Xcel | SPS	1.76	366
720	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Grocery | Xcel | SPS	1.76	366
721	Com - High Efficiency Central Heat Pump System | NEW | C_Office | Xcel | SPS	1.76	368
722	Com - High Efficiency Central Heat Pump System | ROB | C_Office | Xcel | SPS	1.76	373
723	Com - Direct Evaporative Pre-Cooling | NEW | C_School | Xcel | SPS	1.76	373
724	Com - Direct Evaporative Pre-Cooling | ROB | C_School | Xcel | SPS	1.76	373
725	Com - Water Source Heat Pump | NEW | C_School | Xcel | SPS	1.72	373
726	Com - Water Source Heat Pump | ROB | C_School | Xcel | SPS	1.72	373
727	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.71	373
728	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.71	373
729	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.71	373
730	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.71	373
731	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.71	373
732	Com - High Efficiency Central Heat Pump System | NEW | C_College | Xcel | SPS	1.70	373
733	Com - High Efficiency Central Heat Pump System | ROB | C_College | Xcel | SPS	1.70	373
734	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.69	373
735	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.69	373
736	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.69	373
737	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.69	373
738	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.69	373
739	Com - High Efficiency Central Heat Pump System | NEW | C_Health | Xcel | SPS	1.68	374
740	Com - High Efficiency Central Heat Pump System | ROB | C_Health | Xcel | SPS	1.68	374
741	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Warehouse | Xcel | SPS	1.68	374
742	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Warehouse | Xcel | SPS	1.68	374
743	Com - Room Air Conditioners | RET | C_College | Xcel | SPS	1.66	374
744	Com - Room Air Conditioners | RET | C_Office | Xcel | SPS	1.66	376
745	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.66	376
746	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.66	376
747	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.66	376
748	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.66	376
749	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | X	1.66	376
750	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | X	1.66	376
751	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.66	377
752	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.66	378
753	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family Low Income |	1.66	378
754	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family Low Income |	1.66	378
755	Com - Room Air Conditioners | RET | C_Health | Xcel | SPS	1.64	378
756	Com - Direct Evaporative Pre-Cooling | NEW | C_Warehouse | Xcel | SPS	1.64	378
757	Com - Direct Evaporative Pre-Cooling | ROB | C_Warehouse | Xcel | SPS	1.64	378
758	Com - Exterior Lighting Controls | RET | C_Retail | Xcel | SPS	1.62	379
759	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Retail | Xcel | SPS	1.62	379

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
760	Com - Exterior Lighting Controls | RET | C_Warehouse | Xcel | SPS	1.61	380
761	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Warehouse | Xcel | SPS	1.61	382
762	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.60	382
763	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.60	383
764	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.60	383
765	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.60	383
766	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.60	383
767	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.60	383
768	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.60	383
769	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.60	383
770	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.60	383
771	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.60	384
772	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Grocery | Xcel | SPS	1.60	384
773	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Grocery | Xcel | SPS	1.60	384
774	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.59	384
775	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.59	384
776	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.59	384
777	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.59	384
778	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.59	384
779	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.59	384
780	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.59	384
781	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.59	384
782	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.59	384
783	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.59	384
784	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.59	384
785	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.59	384
786	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.59	384
787	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.59	384
788	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.59	384
789	Com - High Efficiency Central Heat Pump System | NEW | C_Warehouse | Xcel | SPS	1.55	384
790	Com - High Efficiency Central Heat Pump System | ROB | C_Warehouse | Xcel | SPS	1.55	384
791	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Other | Xcel | SPS	1.54	384
792	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Other | Xcel | SPS	1.54	384
793	Com - High Efficiency Packaged Air Conditioning | NEW | C_Lodging | Xcel | SPS	1.53	384
794	Com - High Efficiency Packaged Air Conditioning | ROB | C_Lodging | Xcel | SPS	1.53	384
795	Com - High Efficiency Packaged Air Conditioning | NEW | C_Retail | Xcel | SPS	1.52	384
796	Com - High Efficiency Packaged Air Conditioning | ROB | C_Retail | Xcel | SPS	1.52	384
797	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Warehouse | Xcel | SI	1.50	384
798	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Warehouse | Xcel | SF	1.50	385
799	Ind - Air Compressor Optimization | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.49	387
800	Ind - Air Compressor Optimization | RET | I_Agriculture | Xcel | SPS	1.49	387
801	Com - High Efficiency Central Heat Pump System | NEW | C_Grocery | Xcel | SPS	1.46	387
802	Com - High Efficiency Central Heat Pump System | ROB | C_Grocery | Xcel | SPS	1.46	387
803	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.46	387
804	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.46	387
805	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.46	387
806	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.46	387
807	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.46	387
808	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.46	387
809	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.46	387
810	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.46	387
811	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.46	387
812	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.46	387
813	Com - Ductless Mini-Split Heat Pumps | ROB | C_Office | Xcel | SPS	1.46	388
814	Com - Room Air Conditioners | RET | C_Warehouse | Xcel | SPS	1.45	388
815	Com - Room Air Conditioners | RET | C_Grocery | Xcel | SPS	1.44	388
816	Com - High Efficiency Packaged Air Conditioning | NEW | C_Restaurant | Xcel | SPS	1.44	388
817	Com - High Efficiency Packaged Air Conditioning | ROB | C_Restaurant | Xcel | SPS	1.44	388
818	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.41	388
819	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.41	388
820	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.41	388
821	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.41	388
822	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.41	388
823	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.41	388
824	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.41	388
825	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.41	388
826	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SI	1.41	388
827	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SF	1.41	388
828	Com - Exterior Lighting Controls | RET | C_Other | Xcel | SPS	1.38	388
829	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Other | Xcel | SPS	1.38	388
830	Com - High Efficiency Packaged Air Conditioning | NEW | C_College | Xcel | SPS	1.35	388
831	Com - High Efficiency Packaged Air Conditioning | ROB | C_College | Xcel | SPS	1.35	388
832	Com - High Efficiency Packaged Air Conditioning | NEW | C_Office | Xcel | SPS	1.34	388
833	Com - High Efficiency Packaged Air Conditioning | ROB | C_Office | Xcel | SPS	1.34	389
834	Com - High Efficiency Packaged Air Conditioning | NEW | C_Health | Xcel | SPS	1.33	389
835	Com - High Efficiency Packaged Air Conditioning | ROB | C_Health | Xcel | SPS	1.33	389

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
836	Com - RTU with Demand Control | RET | C_College | Xcel | SPS	1.32	389
837	Com - RTU with Demand Control | RET | C_Grocery | Xcel | SPS	1.32	389
838	Com - RTU with Demand Control | RET | C_Health | Xcel | SPS	1.32	389
839	Com - RTU with Demand Control | RET | C_Lodging | Xcel | SPS	1.32	389
840	Com - RTU with Demand Control | RET | C_Office | Xcel | SPS	1.32	390
841	Com - RTU with Demand Control | RET | C_Other | Xcel | SPS	1.32	390
842	Com - RTU with Demand Control | RET | C_Restaurant | Xcel | SPS	1.32	390
843	Com - RTU with Demand Control | RET | C_Retail | Xcel | SPS	1.32	390
844	Com - RTU with Demand Control | RET | C_School | Xcel | SPS	1.32	390
845	Com - RTU with Demand Control | RET | C_Warehouse | Xcel | SPS	1.32	390
846	Com - Ductless Mini-Split Heat Pumps | ROB | C_College | Xcel | SPS	1.31	390
847	Com - Ductless Mini-Split Heat Pumps | ROB | C_Health | Xcel | SPS	1.28	390
848	Com - High Efficiency Central Heat Pump System | NEW | C_School | Xcel | SPS	1.28	390
849	Com - High Efficiency Central Heat Pump System | ROB | C_School | Xcel | SPS	1.28	390
850	Com - High Efficiency Central Heat Pump System | NEW | C_Other | Xcel | SPS	1.27	390
851	Com - High Efficiency Central Heat Pump System | ROB | C_Other | Xcel | SPS	1.27	390
852	Com - Exterior Lighting Controls | RET | C_Office | Xcel | SPS	1.27	391
853	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Office | Xcel | SPS	1.27	392
854	Com - Ductless Mini-Split Heat Pumps | ROB | C_Warehouse | Xcel | SPS	1.26	392
855	Com - Ductless Mini-Split Heat Pumps | ROB | C_School | Xcel | SPS	1.26	392
856	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	1.25	392
857	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.25	392
858	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	1.25	392
859	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	1.25	392
860	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.25	392
861	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	1.25	392
862	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	1.25	392
863	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.25	392
864	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	1.25	392
865	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	1.25	392
866	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.25	392
867	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	1.25	392
868	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	1.25	392
869	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.25	392
870	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	1.25	392
871	Com - High Efficiency Packaged Air Conditioning | NEW | C_Warehouse | Xcel | SPS	1.21	392
872	Com - High Efficiency Packaged Air Conditioning | ROB | C_Warehouse | Xcel | SPS	1.21	392
873	Com - Exterior Lighting Controls | RET | C_College | Xcel | SPS	1.18	392
874	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_College | Xcel | SPS	1.18	392
875	Res - Whole House Fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.18	392
876	Res - Whole House Fans - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.18	392
877	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.18	392
878	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.18	392
879	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.18	392
880	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.18	392
881	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.18	392
882	Res - Whole House Fans - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.18	392
883	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.18	392
884	Res - Whole House Fans - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.18	392
885	Com - High Efficiency Packaged Air Conditioning | NEW | C_Grocery | Xcel | SPS	1.16	392
886	Com - High Efficiency Packaged Air Conditioning | ROB | C_Grocery | Xcel | SPS	1.16	392
887	Com - Ductless Mini-Split Heat Pumps | ROB | C_Other | Xcel | SPS	1.15	392
888	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_College | Xcel | SPS	1.14	392
889	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_College | Xcel | SPS	1.14	392
890	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Grocery | Xcel | SPS	1.14	392
891	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Grocery | Xcel | SPS	1.14	392
892	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Health | Xcel | SPS	1.14	392
893	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Health | Xcel | SPS	1.14	392
894	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Lodging | Xcel | SPS	1.14	392
895	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Lodging | Xcel | SPS	1.14	392
896	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Restaurant | Xcel | SPS	1.14	392
897	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Restaurant | Xcel | SPS	1.14	392
898	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_School | Xcel | SPS	1.14	392
899	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_School | Xcel | SPS	1.14	392
900	Com - Room Air Conditioners | RET | C_Other | Xcel | SPS	1.14	392
901	Com - Exterior Lighting Controls | RET | C_School | Xcel | SPS	1.13	392
902	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_School | Xcel | SPS	1.13	392
903	Com - Exterior Lighting Controls | RET | C_Lodging | Xcel | SPS	1.13	392
904	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Lodging | Xcel | SPS	1.13	392
905	Ind - Mist Eliminators | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.12	392
906	Ind - Mist Eliminators | RET | I_Agriculture | Xcel | SPS	1.12	392
907	Ind - Mist Eliminators | RET | I_Manufacturing | Xcel | SPS	1.12	392
908	Com - Ductless Mini-Split Heat Pumps | ROB | C_Grocery | Xcel | SPS	1.10	392
909	Com - Room Air Conditioners | RET | C_School | Xcel | SPS	1.10	392
910	Com - Zero-Energy Doors | RET | C_College | Xcel | SPS	1.05	392
911	Com - Zero-Energy Doors | ROB | C_College | Xcel | SPS	1.05	392

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
912	Com - Zero-Energy Doors | RET | C_Grocery | Xcel | SPS	1.05	393
913	Com - Zero-Energy Doors | ROB | C_Grocery | Xcel | SPS	1.05	393
914	Com - Zero-Energy Doors | RET | C_Health | Xcel | SPS	1.05	393
915	Com - Zero-Energy Doors | ROB | C_Health | Xcel | SPS	1.05	393
916	Com - Zero-Energy Doors | RET | C_Lodging | Xcel | SPS	1.05	393
917	Com - Zero-Energy Doors | ROB | C_Lodging | Xcel | SPS	1.05	393
918	Com - Zero-Energy Doors | RET | C_Office | Xcel | SPS	1.05	394
919	Com - Zero-Energy Doors | ROB | C_Office | Xcel | SPS	1.05	394
920	Com - Zero-Energy Doors | RET | C_Other | Xcel | SPS	1.05	394
921	Com - Zero-Energy Doors | ROB | C_Other | Xcel | SPS	1.05	394
922	Com - Zero-Energy Doors | RET | C_Restaurant | Xcel | SPS	1.05	394
923	Com - Zero-Energy Doors | ROB | C_Restaurant | Xcel | SPS	1.05	394
924	Com - Zero-Energy Doors | RET | C_Retail | Xcel | SPS	1.05	394
925	Com - Zero-Energy Doors | ROB | C_Retail | Xcel | SPS	1.05	394
926	Com - Zero-Energy Doors | RET | C_School | Xcel | SPS	1.05	394
927	Com - Zero-Energy Doors | ROB | C_School | Xcel | SPS	1.05	394
928	Com - Zero-Energy Doors | RET | C_Warehouse | Xcel | SPS	1.05	394
929	Com - Zero-Energy Doors | ROB | C_Warehouse | Xcel | SPS	1.05	394
930	Ind - Air compressor VFD | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.00	394
931	Ind - Air compressor VFD | RET | I_Agriculture | Xcel | SPS	1.00	394
932	Ind - Air compressor VFD | RET | I_Manufacturing | Xcel | SPS	1.00	394
933	Com - High Efficiency Packaged Air Conditioning | NEW | C_Other | Xcel | SPS	0.95	394
934	Com - High Efficiency Packaged Air Conditioning | ROB | C_Other | Xcel | SPS	0.95	394
935	Com - DX RTU Unit of varying sizes | NEW | C_Lodging | Xcel | SPS	0.94	394
936	Com - DX RTU Unit of varying sizes | ROB | C_Lodging | Xcel | SPS	0.94	394
937	Com - DX RTU Unit of varying sizes | NEW | C_Retail | Xcel | SPS	0.94	394
938	Com - DX RTU Unit of varying sizes | ROB | C_Retail | Xcel | SPS	0.94	394
939	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	394
940	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	394
941	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	394
942	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	394
943	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	394
944	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	394
945	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.93	394
946	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.93	394
947	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	394
948	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	394
949	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	394
950	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.93	394
951	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	394
952	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.93	394
953	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.93	394
954	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.93	394
955	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	394
956	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.93	394
957	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	394
958	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	394
959	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.93	394
960	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	394
961	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.93	394
962	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.93	394
963	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.93	394
964	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	394
965	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.93	394
966	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	394
967	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	394
968	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	394
969	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	394
970	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	394
971	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	394
972	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	394
973	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	394
974	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	394
975	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	394
976	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.93	394
977	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.93	394
978	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.93	394
979	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.93	394
980	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.93	394
981	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.93	394
982	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.93	394
983	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.93	394
984	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.93	394
985	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	394
986	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	394
987	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	394

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
988	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.93	394
989	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.93	394
990	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.93	394
991	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	394
992	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	394
993	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	394
994	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.90	394
995	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.90	394
996	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.90	394
997	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.90	394
998	Com - DX RTU Unit of varying sizes | NEW | C_Restaurant | Xcel | SPS	0.89	394
999	Com - DX RTU Unit of varying sizes | ROB | C_Restaurant | Xcel | SPS	0.89	394
1000	Com - High Efficiency Packaged Air Conditioning | NEW | C_School | Xcel | SPS	0.86	394
1001	Com - High Efficiency Packaged Air Conditioning | ROB | C_School | Xcel | SPS	0.86	394
1002	Com - DX RTU Unit of varying sizes | NEW | C_College | Xcel | SPS	0.83	394
1003	Com - DX RTU Unit of varying sizes | ROB | C_College | Xcel | SPS	0.83	394
1004	Com - DX RTU Unit of varying sizes | NEW | C_Office | Xcel | SPS	0.83	394
1005	Com - DX RTU Unit of varying sizes | ROB | C_Office | Xcel | SPS	0.83	394
1006	Com - DX RTU Unit of varying sizes | NEW | C_Health | Xcel | SPS	0.82	394
1007	Com - DX RTU Unit of varying sizes | ROB | C_Health | Xcel | SPS	0.82	394
1008	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.82	394
1009	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.76	394
1010	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.76	394
1011	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.76	394
1012	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.76	394
1013	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.76	394
1014	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.75	394
1015	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.75	394
1016	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.75	394
1017	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.75	394
1018	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.75	394
1019	Com - DX RTU Unit of varying sizes | NEW | C_Warehouse | Xcel | SPS	0.74	394
1020	Com - DX RTU Unit of varying sizes | ROB | C_Warehouse | Xcel | SPS	0.74	394
1021	Com - DX RTU Unit of varying sizes | NEW | C_Grocery | Xcel | SPS	0.72	394
1022	Com - DX RTU Unit of varying sizes | ROB | C_Grocery | Xcel | SPS	0.72	394
1023	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family Low Income | Xcel |	0.71	394
1024	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.67	394
1025	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.67	394
1026	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.67	394
1027	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.67	394
1028	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.67	394
1029	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.66	394
1030	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.66	394
1031	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.66	394
1032	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.66	394
1033	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.66	394
1034	Com - HVAC Variable Frequency Drives | RET | C_College | Xcel | SPS	0.65	394
1035	Com - HVAC Variable Frequency Drives | RET | C_Grocery | Xcel | SPS	0.65	394
1036	Com - HVAC Variable Frequency Drives | RET | C_Health | Xcel | SPS	0.65	394
1037	Com - HVAC Variable Frequency Drives | RET | C_Lodging | Xcel | SPS	0.65	394
1038	Com - HVAC Variable Frequency Drives | RET | C_Office | Xcel | SPS	0.65	394
1039	Com - HVAC Variable Frequency Drives | RET | C_Other | Xcel | SPS	0.65	394
1040	Com - HVAC Variable Frequency Drives | RET | C_Restaurant | Xcel | SPS	0.65	394
1041	Com - HVAC Variable Frequency Drives | RET | C_Retail | Xcel | SPS	0.65	394
1042	Com - HVAC Variable Frequency Drives | RET | C_School | Xcel | SPS	0.65	394
1043	Com - HVAC Variable Frequency Drives | RET | C_Warehouse | Xcel | SPS	0.65	394
1044	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.64	394
1045	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.64	394
1046	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.64	394
1047	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.64	394
1048	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.64	394
1049	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.63	394
1050	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.63	394
1051	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.63	394
1052	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.63	394
1053	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.63	394
1054	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.63	394
1055	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.63	394
1056	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.63	394
1057	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.63	394
1058	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.63	394
1059	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.59	394
1060	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.59	394
1061	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.59	394
1062	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.59	394
1063	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.59	394

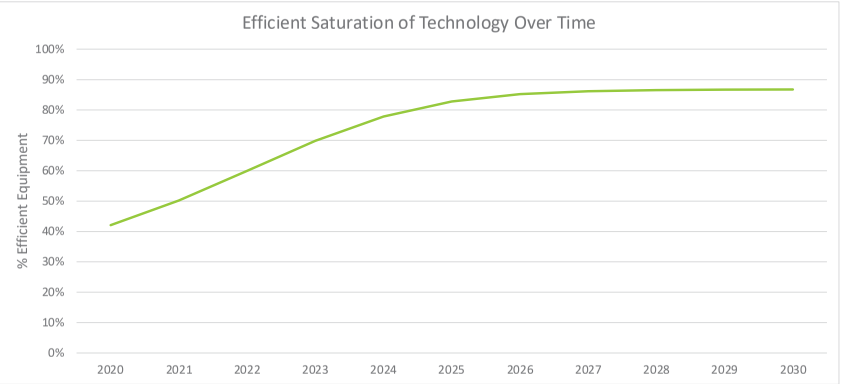
Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
1064	Com - DX RTU Unit of varying sizes | NEW | C_Other | Xcel | SPS	0.58	394
1065	Com - DX RTU Unit of varying sizes | ROB | C_Other | Xcel | SPS	0.58	394
1066	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.58	394
1067	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.58	394
1068	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.58	394
1069	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.58	394
1070	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.58	394
1071	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.56	395
1072	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.56	395
1073	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.56	395
1074	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.56	395
1075	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.56	396
1076	Com - DX RTU Unit of varying sizes | NEW | C_School | Xcel | SPS	0.54	396
1077	Com - DX RTU Unit of varying sizes | ROB | C_School | Xcel | SPS	0.54	396
1078	Res - Advanced Power Strips - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.53	396
1079	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.53	396
1080	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.53	396
1081	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.53	396
1082	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.53	396
1083	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.51	396
1084	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.51	396
1085	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.51	396
1086	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.51	396
1087	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.51	396
1088	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.51	396
1089	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_College | Xcel | SPS	0.48	396
1090	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_College | Xcel | SPS	0.48	396
1091	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Grocery | Xcel | SPS	0.48	396
1092	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Grocery | Xcel | SPS	0.48	396
1093	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Health | Xcel | SPS	0.48	396
1094	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Health | Xcel | SPS	0.48	396
1095	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Lodging | Xcel | SPS	0.48	396
1096	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Lodging | Xcel | SPS	0.48	396
1097	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Restaurant | Xcel | SPS	0.48	396
1098	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Restaurant | Xcel | SPS	0.48	396
1099	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.48	396
1100	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.48	396
1101	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.48	396
1102	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.48	396
1103	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.48	396
1104	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.43	396
1105	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.43	396
1106	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.43	396
1107	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.43	396
1108	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.43	396
1109	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.39	396
1110	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.39	396
1111	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.39	396
1112	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.39	396
1113	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.39	396
1114	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.39	396
1115	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.39	396
1116	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.39	396
1117	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.39	396
1118	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.39	396
1119	Com - Vending Machine Controls | RET | C_Lodging | Xcel | SPS	0.37	396
1120	Com - Vending Machine Controls | RET | C_School | Xcel | SPS	0.37	396
1121	Com - Vending Machine Controls | RET | C_Office | Xcel | SPS	0.34	396
1122	Res - Smart ceiling fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.32	396
1123	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.32	396
1124	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.32	396
1125	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.32	396
1126	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.32	396
1127	Com - Vending Machine Controls | RET | C_College | Xcel | SPS	0.32	396
1128	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.32	396
1129	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.32	396
1130	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.32	396
1131	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.32	396
1132	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.32	396
1133	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.32	396
1134	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.32	396
1135	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.32	396
1136	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.32	396
1137	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.32	396
1138	Com - Ductless Mini-Split Heat Pumps | RET | C_Restaurant | Xcel | SPS	0.26	396
1139	Com - Vending Machine Controls | RET | C_Restaurant | Xcel | SPS	0.26	396

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
1140	Com - Ductless Mini-Split Heat Pumps | RET | C_Retail | Xcel | SPS	0.25	396
1141	Com - Vending Machine Controls | RET | C_Retail | Xcel | SPS	0.25	396
1142	Com - Ductless Mini-Split Heat Pumps | RET | C_Lodging | Xcel | SPS	0.25	396
1143	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.24	396
1144	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.24	396
1145	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.24	396
1146	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.24	396
1147	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.24	396
1148	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.24	396
1149	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.24	396
1150	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.24	396
1151	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SP	0.24	396
1152	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SP	0.24	396
1153	Ind - Progressive Cavity Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.23	396
1154	Ind - Progressive Cavity Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.23	396
1155	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Health | Xcel | SPS	0.23	396
1156	Com - Vending Machine Controls | RET | C_Warehouse | Xcel | SPS	0.21	396
1157	Com - Vending Machine Controls | RET | C_Health | Xcel | SPS	0.21	396
1158	Com - Vending Machine Controls | RET | C_Grocery | Xcel | SPS	0.20	396
1159	Com - Ductless Mini-Split Heat Pumps | RET | C_Office | Xcel | SPS	0.19	396
1160	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.18	396
1161	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.18	396
1162	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.18	396
1163	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.18	396
1164	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.18	396
1165	Com - Ductless Mini-Split Heat Pumps | RET | C_College | Xcel | SPS	0.17	396
1166	Com - Ductless Mini-Split Heat Pumps | RET | C_Health | Xcel | SPS	0.17	396
1167	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.17	396
1168	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.17	396
1169	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.17	396
1170	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.17	396
1171	Com - Ductless Mini-Split Heat Pumps | RET | C_Warehouse | Xcel | SPS	0.16	396
1172	Com - Ductless Mini-Split Heat Pumps | RET | C_School | Xcel | SPS	0.16	396
1173	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_College | Xcel | SPS	0.16	396
1174	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Office | Xcel | SPS	0.15	396
1175	Com - Ductless Mini-Split Heat Pumps | RET | C_Other | Xcel | SPS	0.15	396
1176	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Lodging | Xcel | SPS	0.15	396
1177	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Grocery | Xcel | SPS	0.15	396
1178	Com - Ductless Mini-Split Heat Pumps | RET | C_Grocery | Xcel | SPS	0.14	396
1179	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	396
1180	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	396
1181	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.14	396
1182	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.14	396
1183	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.14	396
1184	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.14	396
1185	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.14	396
1186	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.14	396
1187	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.14	396
1188	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.14	396
1189	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	396
1190	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	396
1191	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.14	396
1192	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.14	396
1193	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.14	396
1194	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.14	396
1195	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_School | Xcel | SPS	0.14	396
1196	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Retail | Xcel | SPS	0.11	396
1197	Res - Solar Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.09	396
1198	Res - Solar Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.09	396
1199	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.09	396
1200	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.09	396
1201	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.09	396
1202	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.09	396
1203	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.08	396
1204	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.08	396
1205	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.08	396
1206	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.08	396
1207	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.08	396
1208	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.08	396
1209	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.08	396
1210	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.08	396
1211	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.08	396
1212	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Other | Xcel | SPS	0.07	396
1213	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.06	396
1214	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.06	396
1215	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.06	396

Rank	Measure	UCT Ratio	Cumulative Potential (GWh/year)
1216	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.06	396
1217	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.06	396
1218	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.06	396
1219	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.06	396
1220	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.06	396
1221	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.06	396
1222	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.06	396
1223	Ind - Progressive Cavity Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.06	396
1224	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.05	396
1225	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.05	396
1226	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.05	396
1227	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.05	396
1228	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.05	396
1229	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.05	396
1230	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.05	396
1231	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.05	396
1232	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.05	396
1233	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.05	396
1234	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.04	396
1235	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.04	396
1236	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.04	396
1237	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.04	396
1238	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	396
1239	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.04	396
1240	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.04	396
1241	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.04	396
1242	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.04	396
1243	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.04	396
1244	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.02	396
1245	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.02	396
1246	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.02	396
1247	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.02	396
1248	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.02	396
1249	Ind - Select More effcient Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	396
1250	Ind - Select More effcient Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	396
1251	Ind - O&G O&M | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	396
1252	Ind - Select More effcient Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	396

Measure Level Efficient Saturation

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_College	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2020	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2020	C_College	Com - Custom cooling	NEW	27%
2020	C_College	Com - Custom cooling	RET	20%
2020	C_College	Com - Custom Lighting	NEW	36%
2020	C_College	Com - Custom motors	NEW	27%
2020	C_College	Com - Custom motors	RET	20%
2020	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_College	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_College	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_College	Com - Exterior LED fixture	NEW	50%
2020	C_College	Com - Exterior LED fixture	ROB	50%
2020	C_College	Com - Exterior LED Lamp	NEW	50%
2020	C_College	Com - Exterior LED Lamp	ROB	50%
2020	C_College	Com - High Efficiency Central Heat Pump System	NEW	4%
2020	C_College	Com - High Efficiency Central Heat Pump System	ROB	4%
2020	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2020	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2020	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	34%
2020	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	34%
2020	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2020	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2020	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2020	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2020	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	62%
2020	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	62%
2020	C_College	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_College	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_College	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_College	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_College	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_College	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_College	Com - Water Source Heat Pump	NEW	4%
2020	C_College	Com - Water Source Heat Pump	ROB	4%
2020	C_Grocery	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2020	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2020	C_Grocery	Com - Custom cooling	NEW	27%
2020	C_Grocery	Com - Custom cooling	RET	20%
2020	C_Grocery	Com - Custom Lighting	NEW	36%
2020	C_Grocery	Com - Custom motors	NEW	27%
2020	C_Grocery	Com - Custom motors	RET	20%
2020	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2020	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Grocery	Com - Exterior LED fixture	NEW	96%
2020	C_Grocery	Com - Exterior LED fixture	ROB	96%
2020	C_Grocery	Com - Exterior LED Lamp	NEW	96%
2020	C_Grocery	Com - Exterior LED Lamp	ROB	96%
2020	C_Grocery	Com - Exterior Lighting Controls	RET	25%
2020	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	28%
2020	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	28%
2020	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2020	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2020	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2020	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2020	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	26%
2020	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	26%
2020	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	25%
2020	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2020	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2020	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Grocery	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Grocery	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Grocery	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Grocery	Com - Room Air Conditioners	NEW	15%
2020	C_Grocery	Com - Room Air Conditioners	ROB	15%
2020	C_Health	Com - Anti-Sweat Heater Controls	RET	48%
2020	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	57%
2020	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	57%
2020	C_Health	Com - Custom cooling	NEW	27%
2020	C_Health	Com - Custom cooling	RET	20%
2020	C_Health	Com - Custom Lighting	NEW	36%
2020	C_Health	Com - Custom motors	NEW	27%



Customer Segment	R_Multi Family
Measure	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC
Replacement Type	RET

Row Labels	Average of Efficient Saturation
2020	0.4207
2021	0.502
2022	0.5996
2023	0.6985
2024	0.7784
2025	0.828
2026	0.8521
2027	0.862
2028	0.8657
2029	0.867
2030	0.8675
Grand Total	**0.740136364**

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_Health	Com - Custom motors	RET	20%
2020	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	6%
2020	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Health	Com - Exterior LED fixture	NEW	50%
2020	C_Health	Com - Exterior LED fixture	ROB	50%
2020	C_Health	Com - Exterior LED Lamp	NEW	50%
2020	C_Health	Com - Exterior LED Lamp	ROB	50%
2020	C_Health	Com - Exterior Lighting Controls	RET	17%
2020	C_Health	Com - High Efficiency Central Heat Pump System	NEW	35%
2020	C_Health	Com - High Efficiency Central Heat Pump System	ROB	35%
2020	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	8%
2020	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	8%
2020	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	24%
2020	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	24%
2020	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	56%
2020	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	56%
2020	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	16%
2020	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	16%
2020	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	9%
2020	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	59%
2020	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	59%
2020	C_Health	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Health	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Health	Com - Low-flow Faucet Aerator	NEW	60%
2020	C_Health	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Health	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Health	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Health	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Health	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Health	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Health	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Health	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Health	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Health	Com - Room Air Conditioners	NEW	15%
2020	C_Health	Com - Room Air Conditioners	ROB	15%
2020	C_Health	Com - Water Source Heat Pump	NEW	35%
2020	C_Health	Com - Water Source Heat Pump	ROB	35%
2020	C_Lodging	Com - Anti-Sweat Heater Controls	RET	60%
2020	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	57%
2020	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	57%
2020	C_Lodging	Com - Custom cooling	NEW	27%
2020	C_Lodging	Com - Custom cooling	RET	20%
2020	C_Lodging	Com - Custom Lighting	NEW	36%
2020	C_Lodging	Com - Custom motors	NEW	27%
2020	C_Lodging	Com - Custom motors	RET	20%
2020	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	23%
2020	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Lodging	Com - Exterior LED fixture	NEW	71%
2020	C_Lodging	Com - Exterior LED fixture	ROB	71%
2020	C_Lodging	Com - Exterior LED Lamp	NEW	71%
2020	C_Lodging	Com - Exterior LED Lamp	ROB	71%
2020	C_Lodging	Com - Guest Room Energy Management	RET	18%
2020	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	35%
2020	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	35%
2020	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	51%
2020	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	51%
2020	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2020	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2020	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2020	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2020	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	35%
2020	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	35%
2020	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	51%
2020	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	51%
2020	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Lodging	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Lodging	Com - Low-flow Faucet Aerator	NEW	60%
2020	C_Lodging	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Lodging	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Lodging	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Lodging	Com - Room Air Conditioners	NEW	15%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_Lodging	Com - Room Air Conditioners	RET	15%
2020	C_Lodging	Com - Room Air Conditioners	ROB	15%
2020	C_Lodging	Com - Water Source Heat Pump	NEW	35%
2020	C_Lodging	Com - Water Source Heat Pump	ROB	35%
2020	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	27%
2020	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	20%
2020	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	36%
2020	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	27%
2020	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	20%
2020	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	30%
2020	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	52%
2020	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	52%
2020	C_Office	Com - Anti-Sweat Heater Controls	RET	57%
2020	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2020	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2020	C_Office	Com - Custom cooling	NEW	27%
2020	C_Office	Com - Custom cooling	RET	20%
2020	C_Office	Com - Custom Lighting	NEW	36%
2020	C_Office	Com - Custom motors	NEW	27%
2020	C_Office	Com - Custom motors	RET	20%
2020	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	12%
2020	C_Office	Com - Exterior LED fixture	NEW	35%
2020	C_Office	Com - Exterior LED fixture	ROB	35%
2020	C_Office	Com - Exterior LED Lamp	NEW	35%
2020	C_Office	Com - Exterior LED Lamp	ROB	35%
2020	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2020	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2020	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	49%
2020	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	49%
2020	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2020	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2020	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	34%
2020	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	34%
2020	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	55%
2020	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	55%
2020	C_Office	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Office	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Office	Com - Low-flow Faucet Aerator	RET	79%
2020	C_Office	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Office	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Office	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Office	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Office	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Office	Com - Room Air Conditioners	NEW	15%
2020	C_Office	Com - Room Air Conditioners	ROB	15%
2020	C_Other	Com - Anti-Sweat Heater Controls	RET	43%
2020	C_Other	Com - Custom cooling	NEW	27%
2020	C_Other	Com - Custom cooling	RET	20%
2020	C_Other	Com - Custom Lighting	NEW	36%
2020	C_Other	Com - Custom motors	NEW	27%
2020	C_Other	Com - Custom motors	RET	20%
2020	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2020	C_Other	Com - Exterior LED fixture	NEW	50%
2020	C_Other	Com - Exterior LED fixture	ROB	50%
2020	C_Other	Com - Exterior LED Lamp	NEW	50%
2020	C_Other	Com - Exterior LED Lamp	ROB	50%
2020	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	19%
2020	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	19%
2020	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	35%
2020	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	35%
2020	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2020	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2020	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	22%
2020	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	22%
2020	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	56%
2020	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	56%
2020	C_Other	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Other	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Other	Com - Low-flow Faucet Aerator	NEW	61%
2020	C_Other	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Other	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Other	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Other	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Other	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Other	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Other	Com - Pre-rinse Spray Valves	RET	23%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_Other	Com - Room Air Conditioners	NEW	15%
2020	C_Other	Com - Room Air Conditioners	ROB	15%
2020	C_Other	Com - Water Source Heat Pump	NEW	13%
2020	C_Other	Com - Water Source Heat Pump	ROB	13%
2020	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_Restaurant	Com - Custom cooling	NEW	27%
2020	C_Restaurant	Com - Custom cooling	RET	20%
2020	C_Restaurant	Com - Custom Lighting	NEW	36%
2020	C_Restaurant	Com - Custom motors	NEW	27%
2020	C_Restaurant	Com - Custom motors	RET	20%
2020	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	51%
2020	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	65%
2020	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	65%
2020	C_Restaurant	Com - Exterior LED fixture	NEW	90%
2020	C_Restaurant	Com - Exterior LED fixture	ROB	90%
2020	C_Restaurant	Com - Exterior LED Lamp	NEW	90%
2020	C_Restaurant	Com - Exterior LED Lamp	ROB	90%
2020	C_Restaurant	Com - Exterior Lighting Controls	RET	38%
2020	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	43%
2020	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	43%
2020	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	32%
2020	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	32%
2020	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2020	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2020	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	67%
2020	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	67%
2020	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	32%
2020	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	32%
2020	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	42%
2020	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2020	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2020	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	60%
2020	C_Restaurant	Com - Low-flow Faucet Aerator	RET	50%
2020	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_Restaurant	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Restaurant	Com - Water Source Heat Pump	NEW	43%
2020	C_Restaurant	Com - Water Source Heat Pump	ROB	43%
2020	C_Retail	Com - Anti-Sweat Heater Controls	RET	77%
2020	C_Retail	Com - Custom cooling	NEW	27%
2020	C_Retail	Com - Custom cooling	RET	20%
2020	C_Retail	Com - Custom Lighting	NEW	36%
2020	C_Retail	Com - Custom motors	NEW	27%
2020	C_Retail	Com - Custom motors	RET	20%
2020	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	18%
2020	C_Retail	Com - Exterior LED fixture	NEW	83%
2020	C_Retail	Com - Exterior LED fixture	ROB	83%
2020	C_Retail	Com - Exterior LED Lamp	NEW	83%
2020	C_Retail	Com - Exterior LED Lamp	ROB	83%
2020	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	29%
2020	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	29%
2020	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2020	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2020	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	55%
2020	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	55%
2020	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	30%
2020	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	30%
2020	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	49%
2020	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	49%
2020	C_Retail	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Retail	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Retail	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_School	Com - Anti-Sweat Heater Controls	RET	65%
2020	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2020	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2020	C_School	Com - Custom cooling	NEW	27%
2020	C_School	Com - Custom cooling	RET	20%
2020	C_School	Com - Custom Lighting	NEW	36%
2020	C_School	Com - Custom motors	NEW	27%
2020	C_School	Com - Custom motors	RET	20%
2020	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	10%
2020	C_School	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_School	Com - Direct Evaporative Pre-Cooling	ROB	5%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2020	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2020	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	50%
2020	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	50%
2020	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2020	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2020	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	32%
2020	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	32%
2020	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2020	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2020	C_School	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_School	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_School	Com - Low-flow Faucet Aerator	NEW	61%
2020	C_School	Com - Low-flow Faucet Aerator	RET	50%
2020	C_School	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_School	Com - Packaged Terminal Heat Pumps	NEW	15%
2020	C_School	Com - Packaged Terminal Heat Pumps	RET	15%
2020	C_School	Com - Packaged Terminal Heat Pumps	ROB	15%
2020	C_School	Com - Pre-rinse Spray Valves	RET	23%
2020	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	57%
2020	C_Warehouse	Com - Custom cooling	NEW	27%
2020	C_Warehouse	Com - Custom cooling	RET	20%
2020	C_Warehouse	Com - Custom Lighting	NEW	36%
2020	C_Warehouse	Com - Custom motors	NEW	27%
2020	C_Warehouse	Com - Custom motors	RET	20%
2020	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	5%
2020	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	5%
2020	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	2%
2020	C_Warehouse	Com - Exterior LED fixture	NEW	84%
2020	C_Warehouse	Com - Exterior LED fixture	ROB	84%
2020	C_Warehouse	Com - Exterior LED Lamp	NEW	84%
2020	C_Warehouse	Com - Exterior LED Lamp	ROB	84%
2020	C_Warehouse	Com - Exterior Lighting Controls	RET	38%
2020	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	16%
2020	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	16%
2020	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	52%
2020	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	52%
2020	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	53%
2020	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	53%
2020	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	12%
2020	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	12%
2020	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	29%
2020	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	66%
2020	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	66%
2020	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	5%
2020	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	4%
2020	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	62%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	15%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	15%
2020	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	15%
2020	C_Warehouse	Com - Room Air Conditioners	NEW	15%
2020	C_Warehouse	Com - Room Air Conditioners	ROB	15%
2020	I_Agriculture	Ind - Air Compressor Optimization	RET	30%
2020	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	50%
2020	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	50%
2020	I_Manufacturing	Ind - Air Compressor Optimization	RET	30%
2020	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	53%
2020	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	53%
2020	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	2%
2020	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	2%
2020	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	5%
2020	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	5%
2020	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2020	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	8%
2020	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	8%
2020	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2020	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2020	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	41%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	41%
2020	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2020	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2020	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2020	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	42%
2020	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2020	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	10%
2020	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2020	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	18%
2020	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	18%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	23%
2020	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	23%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2020	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	42%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	42%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	42%
2020	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2020	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2020	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	72%
2020	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	57%
2020	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	4%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	4%
2020	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	4%
2020	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2020	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2020	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	77%
2020	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2020	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	30%
2020	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	30%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2020	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	40%
2020	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	40%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2020	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2020	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	49%
2020	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	33%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	6%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	6%
2020	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2020	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	11%
2020	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	11%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2020	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	11%
2020	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2020	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2020	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2020	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2020	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2020	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2020	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	46%
2020	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	46%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2020	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	47%
2020	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2020	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2020	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2020	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2020	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	62%
2020	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	41%
2020	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	10%
2020	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	10%
2020	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	3%
2020	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	3%
2020	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2020	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	50%
2020	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	50%
2020	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	13%
2020	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	13%
2020	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	13%
2020	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	77%
2020	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	77%
2020	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	77%
2020	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	12%
2020	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	12%
2020	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	12%
2020	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	12%
2020	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2020	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2020	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	10%
2020	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	10%
2020	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	10%
2020	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	48%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2020	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	42%
2020	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	42%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2020	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2020	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	46%
2020	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	33%
2020	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	9%
2020	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	9%
2021	C_College	Com - Anti-Sweat Heater Controls	RET	65%
2021	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2021	C_College	Com - Custom cooling	NEW	27%
2021	C_College	Com - Custom cooling	RET	22%
2021	C_College	Com - Custom Lighting	NEW	36%
2021	C_College	Com - Custom motors	NEW	27%
2021	C_College	Com - Custom motors	RET	22%
2021	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_College	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_College	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	2%
2021	C_College	Com - Exterior LED fixture	NEW	52%
2021	C_College	Com - Exterior LED fixture	ROB	52%
2021	C_College	Com - Exterior LED Lamp	NEW	53%
2021	C_College	Com - Exterior LED Lamp	ROB	53%
2021	C_College	Com - High Efficiency Central Heat Pump System	NEW	4%
2021	C_College	Com - High Efficiency Central Heat Pump System	ROB	4%
2021	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2021	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2021	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	34%
2021	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	34%
2021	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2021	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2021	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2021	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2021	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	63%
2021	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	63%
2021	C_College	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_College	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_College	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_College	Com - Packaged Terminal Air Conditioners	RET	1%
2021	C_College	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_College	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_College	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_College	Com - Room Air Conditioners	RET	3.997m
2021	C_College	Com - Water Source Heat Pump	NEW	4%
2021	C_College	Com - Water Source Heat Pump	ROB	4%
2021	C_Grocery	Com - Anti-Sweat Heater Controls	RET	65%
2021	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	33%
2021	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	33%
2021	C_Grocery	Com - Custom cooling	NEW	27%
2021	C_Grocery	Com - Custom cooling	RET	22%
2021	C_Grocery	Com - Custom Lighting	NEW	36%
2021	C_Grocery	Com - Custom motors	NEW	27%
2021	C_Grocery	Com - Custom motors	RET	22%
2021	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	33%
2021	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Grocery	Com - Exterior LED fixture	NEW	96%
2021	C_Grocery	Com - Exterior LED fixture	ROB	96%
2021	C_Grocery	Com - Exterior LED Lamp	NEW	97%
2021	C_Grocery	Com - Exterior LED Lamp	ROB	97%
2021	C_Grocery	Com - Exterior Lighting Controls	RET	26%
2021	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	28%
2021	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	28%
2021	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2021	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2021	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2021	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2021	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	27%
2021	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	27%
2021	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	26%
2021	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2021	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2021	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Grocery	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Grocery	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	15%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	15%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	15%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	15%
2021	C_Grocery	Com - Pre-rinse Spray Valves	RET	25%
2021	C_Grocery	Com - Room Air Conditioners	NEW	16%
2021	C_Grocery	Com - Room Air Conditioners	ROB	16%
2021	C_Grocery	Com - Zero-Energy Doors	RET	11%
2021	C_Health	Com - Anti-Sweat Heater Controls	RET	49%
2021	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	58%
2021	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	58%
2021	C_Health	Com - Custom cooling	NEW	27%
2021	C_Health	Com - Custom cooling	RET	22%
2021	C_Health	Com - Custom Lighting	NEW	36%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Health	Com - Custom motors	NEW	27%
2021	C_Health	Com - Custom motors	RET	22%
2021	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	8%
2021	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Health	Com - Exterior LED fixture	NEW	52%
2021	C_Health	Com - Exterior LED fixture	ROB	52%
2021	C_Health	Com - Exterior LED Lamp	NEW	53%
2021	C_Health	Com - Exterior LED Lamp	ROB	53%
2021	C_Health	Com - Exterior Lighting Controls	RET	17%
2021	C_Health	Com - High Efficiency Central Heat Pump System	NEW	35%
2021	C_Health	Com - High Efficiency Central Heat Pump System	ROB	35%
2021	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	8%
2021	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	8%
2021	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	25%
2021	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	25%
2021	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	57%
2021	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	57%
2021	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	16%
2021	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	16%
2021	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	9%
2021	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	61%
2021	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	61%
2021	C_Health	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Health	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Health	Com - Low-flow Faucet Aerator	NEW	60%
2021	C_Health	Com - Low-flow Faucet Aerator	RET	51%
2021	C_Health	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Health	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Health	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Health	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Health	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Health	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_Health	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Health	Com - Pre-rinse Spray Valves	RET	25%
2021	C_Health	Com - Room Air Conditioners	NEW	16%
2021	C_Health	Com - Room Air Conditioners	RET	15%
2021	C_Health	Com - Room Air Conditioners	ROB	16%
2021	C_Health	Com - Water Source Heat Pump	NEW	35%
2021	C_Health	Com - Water Source Heat Pump	ROB	35%
2021	C_Health	Com - Zero-Energy Doors	RET	3.552m
2021	C_Lodging	Com - Anti-Sweat Heater Controls	RET	60%
2021	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	58%
2021	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	58%
2021	C_Lodging	Com - Custom cooling	NEW	27%
2021	C_Lodging	Com - Custom cooling	RET	22%
2021	C_Lodging	Com - Custom Lighting	NEW	36%
2021	C_Lodging	Com - Custom motors	NEW	27%
2021	C_Lodging	Com - Custom motors	RET	22%
2021	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	24%
2021	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Lodging	Com - Exterior LED fixture	NEW	72%
2021	C_Lodging	Com - Exterior LED fixture	ROB	72%
2021	C_Lodging	Com - Exterior LED Lamp	NEW	74%
2021	C_Lodging	Com - Exterior LED Lamp	ROB	74%
2021	C_Lodging	Com - Guest Room Energy Management	RET	19%
2021	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	35%
2021	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	35%
2021	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	35%
2021	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	35%
2021	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	52%
2021	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	52%
2021	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2021	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2021	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2021	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2021	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	35%
2021	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	35%
2021	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	53%
2021	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	53%
2021	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Lodging	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Lodging	Com - Low-flow Faucet Aerator	NEW	60%
2021	C_Lodging	Com - Low-flow Faucet Aerator	RET	51%
2021	C_Lodging	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	16%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	17%
2021	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Lodging	Com - Pre-rinse Spray Valves	RET	25%
2021	C_Lodging	Com - Room Air Conditioners	NEW	16%
2021	C_Lodging	Com - Room Air Conditioners	RET	16%
2021	C_Lodging	Com - Room Air Conditioners	ROB	16%
2021	C_Lodging	Com - Water Source Heat Pump	NEW	35%
2021	C_Lodging	Com - Water Source Heat Pump	ROB	35%
2021	C_Lodging	Com - Zero-Energy Doors	RET	28%
2021	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	27%
2021	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	22%
2021	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	36%
2021	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	27%
2021	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	22%
2021	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	31%
2021	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	2%
2021	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	55%
2021	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	55%
2021	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	1%
2021	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	2%
2021	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	9%
2021	C_Office	Com - Anti-Sweat Heater Controls	RET	58%
2021	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2021	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2021	C_Office	Com - Custom cooling	NEW	27%
2021	C_Office	Com - Custom cooling	RET	22%
2021	C_Office	Com - Custom Lighting	NEW	36%
2021	C_Office	Com - Custom motors	NEW	27%
2021	C_Office	Com - Custom motors	RET	22%
2021	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	14%
2021	C_Office	Com - Exterior LED fixture	NEW	37%
2021	C_Office	Com - Exterior LED fixture	ROB	37%
2021	C_Office	Com - Exterior LED Lamp	NEW	38%
2021	C_Office	Com - Exterior LED Lamp	ROB	38%
2021	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2021	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2021	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	49%
2021	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	49%
2021	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2021	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2021	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	34%
2021	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	34%
2021	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	57%
2021	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	57%
2021	C_Office	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Office	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Office	Com - Low-flow Faucet Aerator	RET	79%
2021	C_Office	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Office	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Office	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Office	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Office	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Office	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_Office	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Office	Com - Room Air Conditioners	NEW	16%
2021	C_Office	Com - Room Air Conditioners	RET	15%
2021	C_Office	Com - Room Air Conditioners	ROB	16%
2021	C_Office	Com - Zero-Energy Doors	RET	14%
2021	C_Other	Com - Anti-Sweat Heater Controls	RET	44%
2021	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2021	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2021	C_Other	Com - Custom cooling	NEW	27%
2021	C_Other	Com - Custom cooling	RET	22%
2021	C_Other	Com - Custom Lighting	NEW	36%
2021	C_Other	Com - Custom motors	NEW	27%
2021	C_Other	Com - Custom motors	RET	22%
2021	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	55%
2021	C_Other	Com - Exterior LED fixture	NEW	52%
2021	C_Other	Com - Exterior LED fixture	ROB	52%
2021	C_Other	Com - Exterior LED Lamp	NEW	53%
2021	C_Other	Com - Exterior LED Lamp	ROB	53%
2021	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	19%
2021	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	19%
2021	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	36%
2021	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	36%
2021	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%
2021	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2021	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	22%
2021	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	22%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	58%
2021	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	58%
2021	C_Other	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Other	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Other	Com - Low-flow Faucet Aerator	NEW	61%
2021	C_Other	Com - Low-flow Faucet Aerator	RET	51%
2021	C_Other	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Other	Com - Packaged Terminal Air Conditioners	NEW	15%
2021	C_Other	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Other	Com - Packaged Terminal Air Conditioners	ROB	15%
2021	C_Other	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Other	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_Other	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Other	Com - Pre-rinse Spray Valves	RET	25%
2021	C_Other	Com - Room Air Conditioners	NEW	16%
2021	C_Other	Com - Room Air Conditioners	ROB	16%
2021	C_Other	Com - Water Source Heat Pump	NEW	14%
2021	C_Other	Com - Water Source Heat Pump	ROB	14%
2021	C_Other	Com - Zero-Energy Doors	RET	65%
2021	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	65%
2021	C_Restaurant	Com - Custom cooling	NEW	27%
2021	C_Restaurant	Com - Custom cooling	RET	22%
2021	C_Restaurant	Com - Custom Lighting	NEW	36%
2021	C_Restaurant	Com - Custom motors	NEW	27%
2021	C_Restaurant	Com - Custom motors	RET	22%
2021	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	52%
2021	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	66%
2021	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	66%
2021	C_Restaurant	Com - Exterior LED fixture	NEW	91%
2021	C_Restaurant	Com - Exterior LED fixture	ROB	91%
2021	C_Restaurant	Com - Exterior LED Lamp	NEW	91%
2021	C_Restaurant	Com - Exterior LED Lamp	ROB	91%
2021	C_Restaurant	Com - Exterior Lighting Controls	RET	39%
2021	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	44%
2021	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	44%
2021	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	32%
2021	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	32%
2021	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	55%
2021	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	55%
2021	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2021	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2021	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	33%
2021	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	33%
2021	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	42%
2021	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	71%
2021	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	71%
2021	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	60%
2021	C_Restaurant	Com - Low-flow Faucet Aerator	RET	51%
2021	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	17%
2021	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Restaurant	Com - Pre-rinse Spray Valves	RET	25%
2021	C_Restaurant	Com - Room Air Conditioners	RET	1%
2021	C_Restaurant	Com - Water Source Heat Pump	NEW	44%
2021	C_Restaurant	Com - Water Source Heat Pump	ROB	44%
2021	C_Restaurant	Com - Zero-Energy Doors	RET	44%
2021	C_Retail	Com - Anti-Sweat Heater Controls	RET	77%
2021	C_Retail	Com - Custom cooling	NEW	27%
2021	C_Retail	Com - Custom cooling	RET	22%
2021	C_Retail	Com - Custom Lighting	NEW	36%
2021	C_Retail	Com - Custom motors	NEW	27%
2021	C_Retail	Com - Custom motors	RET	22%
2021	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	20%
2021	C_Retail	Com - Exterior LED fixture	NEW	84%
2021	C_Retail	Com - Exterior LED fixture	ROB	84%
2021	C_Retail	Com - Exterior LED Lamp	NEW	85%
2021	C_Retail	Com - Exterior LED Lamp	ROB	85%
2021	C_Retail	Com - Exterior Lighting Controls	RET	43%
2021	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	29%
2021	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	29%
2021	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2021	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2021	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	56%
2021	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	56%
2021	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	31%
2021	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	31%
2021	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	18%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	50%
2021	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	50%
2021	C_Retail	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Retail	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Retail	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Retail	Com - Packaged Terminal Air Conditioners	RET	2%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	16%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	RET	17%
2021	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	16%
2021	C_Retail	Com - Room Air Conditioners	RET	1%
2021	C_Retail	Com - Zero-Energy Doors	RET	26%
2021	C_School	Com - Anti-Sweat Heater Controls	RET	65%
2021	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2021	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2021	C_School	Com - Custom cooling	NEW	27%
2021	C_School	Com - Custom cooling	RET	22%
2021	C_School	Com - Custom Lighting	NEW	36%
2021	C_School	Com - Custom motors	NEW	27%
2021	C_School	Com - Custom motors	RET	22%
2021	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	11%
2021	C_School	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_School	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	2%
2021	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2021	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2021	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	51%
2021	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	51%
2021	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2021	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2021	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	32%
2021	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	32%
2021	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2021	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2021	C_School	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_School	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_School	Com - Low-flow Faucet Aerator	NEW	61%
2021	C_School	Com - Low-flow Faucet Aerator	RET	51%
2021	C_School	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_School	Com - Packaged Terminal Air Conditioners	RET	5.412m
2021	C_School	Com - Packaged Terminal Heat Pumps	NEW	15%
2021	C_School	Com - Packaged Terminal Heat Pumps	RET	16%
2021	C_School	Com - Packaged Terminal Heat Pumps	ROB	15%
2021	C_School	Com - Pre-rinse Spray Valves	RET	25%
2021	C_School	Com - Water Source Heat Pump	NEW	4%
2021	C_School	Com - Water Source Heat Pump	ROB	4%
2021	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	58%
2021	C_Warehouse	Com - Custom cooling	NEW	27%
2021	C_Warehouse	Com - Custom cooling	RET	22%
2021	C_Warehouse	Com - Custom Lighting	NEW	36%
2021	C_Warehouse	Com - Custom motors	NEW	27%
2021	C_Warehouse	Com - Custom motors	RET	22%
2021	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	5%
2021	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	5%
2021	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	3%
2021	C_Warehouse	Com - Exterior LED fixture	NEW	85%
2021	C_Warehouse	Com - Exterior LED fixture	ROB	85%
2021	C_Warehouse	Com - Exterior LED Lamp	NEW	86%
2021	C_Warehouse	Com - Exterior LED Lamp	ROB	86%
2021	C_Warehouse	Com - Exterior Lighting Controls	RET	39%
2021	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	17%
2021	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	17%
2021	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	53%
2021	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	53%
2021	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	53%
2021	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	53%
2021	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	13%
2021	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	13%
2021	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	29%
2021	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	68%
2021	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	68%
2021	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	5%
2021	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	4%
2021	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	62%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	16%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	16%
2021	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	16%
2021	C_Warehouse	Com - Room Air Conditioners	NEW	16%
2021	C_Warehouse	Com - Room Air Conditioners	RET	15%
2021	C_Warehouse	Com - Room Air Conditioners	ROB	16%
2021	C_Warehouse	Com - Zero-Energy Doors	RET	3%
2021	I_Agriculture	Ind - Air Compressor Optimization	RET	31%
2021	I_Agriculture	Ind - Dew Point Controls	RET	2%
2021	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	52%
2021	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	52%
2021	I_Agriculture	Ind - Mist Eliminators	RET	1%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	I_Agriculture	Ind - No Air Loss Drain	RET	2%
2021	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	9%
2021	I_Manufacturing	Ind - Air Compressor Optimization	RET	31%
2021	I_Manufacturing	Ind - Dew Point Controls	RET	2%
2021	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	57%
2021	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	57%
2021	I_Manufacturing	Ind - Mist Eliminators	RET	1%
2021	I_Manufacturing	Ind - No Air Loss Drain	RET	2%
2021	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	9%
2021	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	11%
2021	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2021	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	54%
2021	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	54%
2021	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	13%
2021	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	13%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	79%
2021	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	8%
2021	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	8%
2021	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2021	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2021	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2021	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	42%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2021	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	49%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	42%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	49%
2021	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	42%
2021	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2021	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2021	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	43%
2021	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	56%
2021	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	12%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	9%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	9%
2021	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	870.7u
2021	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	54%
2021	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	54%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	2%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	2%
2021	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	2%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	79%
2021	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	19%
2021	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	19%
2021	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2021	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	25%
2021	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	25%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2021	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	42%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	50%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	42%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	42%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	50%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	42%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	42%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	50%
2021	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	42%
2021	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2021	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2021	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	72%
2021	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	58%
2021	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	320.6u
2021	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	2%
2021	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	8.872m
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	9%
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	9%
2021	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	870.7u
2021	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	54%
2021	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	54%
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	6%
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	6%
2021	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	6%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2021	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	79%
2021	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2021	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2021	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2021	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	31%
2021	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	31%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2021	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	48%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	48%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	41%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	48%
2021	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	41%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2021	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2021	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	50%
2021	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	34%
2021	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	143.6u
2021	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	2%
2021	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	8.872m
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	14%
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	14%
2021	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2021	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	54%
2021	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	54%
2021	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2021	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2021	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	79%
2021	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	29%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	29%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2021	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2021	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2021	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2021	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2021	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2021	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2021	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	51%
2021	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	51%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2021	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	54%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	54%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	54%
2021	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2021	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2021	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2021	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2021	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	62%
2021	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	42%
2021	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	12%
2021	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	11%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	12%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	12%
2021	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2021	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	54%
2021	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	54%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	21%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	21%
2021	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	21%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	79%
2021	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	12%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	12%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	12%
2021	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	12%
2021	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2021	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2021	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2021	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	19%
2021	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2021	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	52%
2021	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	52%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2021	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	50%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	50%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	50%
2021	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2021	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2021	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	47%
2021	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	34%
2021	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	11%
2021	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	10%
2022	C_College	Com - Anti-Sweat Heater Controls	RET	66%
2022	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2022	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2022	C_College	Com - Custom cooling	NEW	30%
2022	C_College	Com - Custom cooling	RET	25%
2022	C_College	Com - Custom Lighting	NEW	43%
2022	C_College	Com - Custom motors	NEW	30%
2022	C_College	Com - Custom motors	RET	25%
2022	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	12%
2022	C_College	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_College	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	4%
2022	C_College	Com - Exterior LED fixture	NEW	55%
2022	C_College	Com - Exterior LED fixture	ROB	55%
2022	C_College	Com - Exterior LED Lamp	NEW	59%
2022	C_College	Com - Exterior LED Lamp	ROB	59%
2022	C_College	Com - High Efficiency Central Heat Pump System	NEW	4%
2022	C_College	Com - High Efficiency Central Heat Pump System	ROB	4%
2022	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2022	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2022	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	35%
2022	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	35%
2022	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2022	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2022	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	37%
2022	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	37%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2022	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		66%
2022	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		66%
2022	C_College	Com - Interior Network Connected LED Fixtures	NEW	160.7u	
2022	C_College	Com - Interior Network Connected LED Fixtures	ROB	160.7u	
2022	C_College	Com - Interior Network Connected LED Lamps	NEW	21.61u	
2022	C_College	Com - Interior Network Connected LED Lamps	ROB	21.61u	
2022	C_College	Com - LED Refrigerated Case Lighting	NEW		6%
2022	C_College	Com - LED Refrigerated Case Lighting	RET		5%
2022	C_College	Com - New Construction - Lighting Power Density	NEW		64%
2022	C_College	Com - Packaged Terminal Air Conditioners	NEW	3.922m	
2022	C_College	Com - Packaged Terminal Air Conditioners	RET		3%
2022	C_College	Com - Packaged Terminal Air Conditioners	ROB	3.922m	
2022	C_College	Com - Packaged Terminal Heat Pumps	NEW		17%
2022	C_College	Com - Packaged Terminal Heat Pumps	RET		18%
2022	C_College	Com - Packaged Terminal Heat Pumps	ROB		17%
2022	C_College	Com - Room Air Conditioners	NEW	4.714m	
2022	C_College	Com - Room Air Conditioners	RET		2%
2022	C_College	Com - Room Air Conditioners	ROB	4.714m	
2022	C_College	Com - Water Source Heat Pump	NEW		4%
2022	C_College	Com - Water Source Heat Pump	ROB		4%
2022	C_Grocery	Com - Anti-Sweat Heater Controls	RET		66%
2022	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		33%
2022	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		33%
2022	C_Grocery	Com - Custom cooling	NEW		30%
2022	C_Grocery	Com - Custom cooling	RET		25%
2022	C_Grocery	Com - Custom Lighting	NEW		43%
2022	C_Grocery	Com - Custom motors	NEW		30%
2022	C_Grocery	Com - Custom motors	RET		25%
2022	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		12%
2022	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW		5%
2022	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB		5%
2022	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		35%
2022	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW		68%
2022	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB		68%
2022	C_Grocery	Com - Exterior LED fixture	NEW		97%
2022	C_Grocery	Com - Exterior LED fixture	ROB		97%
2022	C_Grocery	Com - Exterior LED Lamp	NEW		97%
2022	C_Grocery	Com - Exterior LED Lamp	ROB		97%
2022	C_Grocery	Com - Exterior Lighting Controls	RET		27%
2022	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		30%
2022	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		30%
2022	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		59%
2022	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		59%
2022	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		75%
2022	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		75%
2022	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		29%
2022	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		29%
2022	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		27%
2022	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		77%
2022	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		77%
2022	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	287.4u	
2022	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	287.4u	
2022	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	2.925u	
2022	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	2.925u	
2022	C_Grocery	Com - LED Refrigerated Case Lighting	NEW		6%
2022	C_Grocery	Com - LED Refrigerated Case Lighting	RET		5%
2022	C_Grocery	Com - New Construction - Lighting Power Density	NEW		64%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW		17%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	RET		17%
2022	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB		17%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW		17%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	RET		18%
2022	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB		17%
2022	C_Grocery	Com - Pre-rinse Spray Valves	RET		27%
2022	C_Grocery	Com - Room Air Conditioners	NEW		17%
2022	C_Grocery	Com - Room Air Conditioners	ROB		17%
2022	C_Grocery	Com - Water Source Heat Pump	NEW	1.82m	
2022	C_Grocery	Com - Water Source Heat Pump	ROB	1.82m	
2022	C_Grocery	Com - Zero-Energy Doors	RET		13%
2022	C_Health	Com - Anti-Sweat Heater Controls	RET		50%
2022	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		59%
2022	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		59%
2022	C_Health	Com - Custom cooling	NEW		30%
2022	C_Health	Com - Custom cooling	RET		25%
2022	C_Health	Com - Custom Lighting	NEW		43%
2022	C_Health	Com - Custom motors	NEW		30%
2022	C_Health	Com - Custom motors	RET		25%
2022	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		12%
2022	C_Health	Com - Direct Evaporative Pre-Cooling	NEW		5%
2022	C_Health	Com - Direct Evaporative Pre-Cooling	ROB		5%
2022	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		10%
2022	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW		68%
2022	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB		68%
2022	C_Health	Com - Exterior LED fixture	NEW		55%
2022	C_Health	Com - Exterior LED fixture	ROB		55%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Health	Com - Exterior LED Lamp	NEW	59%
2022	C_Health	Com - Exterior LED Lamp	ROB	59%
2022	C_Health	Com - Exterior Lighting Controls	RET	19%
2022	C_Health	Com - High Efficiency Central Heat Pump System	NEW	36%
2022	C_Health	Com - High Efficiency Central Heat Pump System	ROB	36%
2022	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	9%
2022	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	9%
2022	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	26%
2022	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	26%
2022	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	60%
2022	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	60%
2022	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	17%
2022	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	17%
2022	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	11%
2022	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	65%
2022	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	65%
2022	C_Health	Com - Interior Network Connected LED Fixtures	NEW	362u
2022	C_Health	Com - Interior Network Connected LED Fixtures	ROB	362u
2022	C_Health	Com - Interior Network Connected LED Lamps	NEW	2.277u
2022	C_Health	Com - Interior Network Connected LED Lamps	ROB	2.277u
2022	C_Health	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Health	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Health	Com - Low-flow Faucet Aerator	NEW	62%
2022	C_Health	Com - Low-flow Faucet Aerator	RET	52%
2022	C_Health	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Health	Com - Packaged Terminal Air Conditioners	NEW	17%
2022	C_Health	Com - Packaged Terminal Air Conditioners	RET	18%
2022	C_Health	Com - Packaged Terminal Air Conditioners	ROB	17%
2022	C_Health	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Health	Com - Packaged Terminal Heat Pumps	RET	18%
2022	C_Health	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Health	Com - Pre-rinse Spray Valves	RET	27%
2022	C_Health	Com - Room Air Conditioners	NEW	17%
2022	C_Health	Com - Room Air Conditioners	RET	17%
2022	C_Health	Com - Room Air Conditioners	ROB	17%
2022	C_Health	Com - Water Source Heat Pump	NEW	36%
2022	C_Health	Com - Water Source Heat Pump	ROB	36%
2022	C_Health	Com - Zero-Energy Doors	RET	2%
2022	C_Lodging	Com - Anti-Sweat Heater Controls	RET	61%
2022	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	59%
2022	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	59%
2022	C_Lodging	Com - Custom cooling	NEW	30%
2022	C_Lodging	Com - Custom cooling	RET	25%
2022	C_Lodging	Com - Custom Lighting	NEW	43%
2022	C_Lodging	Com - Custom motors	NEW	30%
2022	C_Lodging	Com - Custom motors	RET	25%
2022	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	12%
2022	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	6%
2022	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	6%
2022	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	26%
2022	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	68%
2022	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	68%
2022	C_Lodging	Com - Exterior LED fixture	NEW	75%
2022	C_Lodging	Com - Exterior LED fixture	ROB	75%
2022	C_Lodging	Com - Exterior LED Lamp	NEW	78%
2022	C_Lodging	Com - Exterior LED Lamp	ROB	78%
2022	C_Lodging	Com - Guest Room Energy Management	RET	20%
2022	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	36%
2022	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	36%
2022	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	36%
2022	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	36%
2022	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	53%
2022	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	53%
2022	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	55%
2022	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	55%
2022	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	79%
2022	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	79%
2022	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2022	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2022	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	55%
2022	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	55%
2022	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	102.3u
2022	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	102.3u
2022	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	42.27u
2022	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	42.27u
2022	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Lodging	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Lodging	Com - Low-flow Faucet Aerator	NEW	62%
2022	C_Lodging	Com - Low-flow Faucet Aerator	RET	52%
2022	C_Lodging	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	17%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	18%
2022	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	17%
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	19%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Lodging	Com - Pre-rinse Spray Valves	RET	27%
2022	C_Lodging	Com - Room Air Conditioners	NEW	17%
2022	C_Lodging	Com - Room Air Conditioners	RET	18%
2022	C_Lodging	Com - Room Air Conditioners	ROB	17%
2022	C_Lodging	Com - Water Source Heat Pump	NEW	37%
2022	C_Lodging	Com - Water Source Heat Pump	ROB	37%
2022	C_Lodging	Com - Zero-Energy Doors	RET	29%
2022	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	28%
2022	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	25%
2022	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	38%
2022	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	28%
2022	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	25%
2022	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	63%
2022	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	32%
2022	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	4%
2022	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	57%
2022	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	57%
2022	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	3%
2022	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	4%
2022	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	20%
2022	C_Office	Com - Anti-Sweat Heater Controls	RET	59%
2022	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2022	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2022	C_Office	Com - Custom cooling	NEW	30%
2022	C_Office	Com - Custom cooling	RET	25%
2022	C_Office	Com - Custom Lighting	NEW	43%
2022	C_Office	Com - Custom motors	NEW	30%
2022	C_Office	Com - Custom motors	RET	25%
2022	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	16%
2022	C_Office	Com - Exterior LED fixture	NEW	40%
2022	C_Office	Com - Exterior LED fixture	ROB	40%
2022	C_Office	Com - Exterior LED Lamp	NEW	43%
2022	C_Office	Com - Exterior LED Lamp	ROB	43%
2022	C_Office	Com - High Efficiency Central Heat Pump System	NEW	1.473m
2022	C_Office	Com - High Efficiency Central Heat Pump System	ROB	1.473m
2022	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2022	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2022	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	51%
2022	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	51%
2022	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	70%
2022	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	70%
2022	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2022	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2022	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	60%
2022	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	60%
2022	C_Office	Com - Interior Network Connected LED Fixtures	NEW	161.8u
2022	C_Office	Com - Interior Network Connected LED Fixtures	ROB	161.8u
2022	C_Office	Com - Interior Network Connected LED Lamps	NEW	18.63u
2022	C_Office	Com - Interior Network Connected LED Lamps	ROB	18.63u
2022	C_Office	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Office	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Office	Com - Low-flow Faucet Aerator	RET	80%
2022	C_Office	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Office	Com - Packaged Terminal Air Conditioners	NEW	17%
2022	C_Office	Com - Packaged Terminal Air Conditioners	RET	18%
2022	C_Office	Com - Packaged Terminal Air Conditioners	ROB	17%
2022	C_Office	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Office	Com - Packaged Terminal Heat Pumps	RET	18%
2022	C_Office	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Office	Com - Room Air Conditioners	NEW	17%
2022	C_Office	Com - Room Air Conditioners	RET	17%
2022	C_Office	Com - Room Air Conditioners	ROB	17%
2022	C_Office	Com - Water Source Heat Pump	NEW	2.237m
2022	C_Office	Com - Water Source Heat Pump	ROB	2.237m
2022	C_Office	Com - Zero-Energy Doors	RET	15%
2022	C_Other	Com - Anti-Sweat Heater Controls	RET	45%
2022	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2022	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2022	C_Other	Com - Custom cooling	NEW	30%
2022	C_Other	Com - Custom cooling	RET	25%
2022	C_Other	Com - Custom Lighting	NEW	43%
2022	C_Other	Com - Custom motors	NEW	30%
2022	C_Other	Com - Custom motors	RET	25%
2022	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	56%
2022	C_Other	Com - Exterior LED fixture	NEW	55%
2022	C_Other	Com - Exterior LED fixture	ROB	55%
2022	C_Other	Com - Exterior LED Lamp	NEW	59%
2022	C_Other	Com - Exterior LED Lamp	ROB	59%
2022	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	20%
2022	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	20%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	37%
2022	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	37%
2022	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2022	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2022	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	23%
2022	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	23%
2022	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	61%
2022	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	61%
2022	C_Other	Com - Interior Network Connected LED Fixtures	NEW	220.1u
2022	C_Other	Com - Interior Network Connected LED Fixtures	ROB	220.1u
2022	C_Other	Com - Interior Network Connected LED Lamps	NEW	12.01u
2022	C_Other	Com - Interior Network Connected LED Lamps	ROB	12.01u
2022	C_Other	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Other	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Other	Com - Low-flow Faucet Aerator	NEW	63%
2022	C_Other	Com - Low-flow Faucet Aerator	RET	52%
2022	C_Other	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Other	Com - Packaged Terminal Air Conditioners	NEW	17%
2022	C_Other	Com - Packaged Terminal Air Conditioners	RET	18%
2022	C_Other	Com - Packaged Terminal Air Conditioners	ROB	17%
2022	C_Other	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Other	Com - Packaged Terminal Heat Pumps	RET	18%
2022	C_Other	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Other	Com - Pre-rinse Spray Valves	RET	27%
2022	C_Other	Com - Room Air Conditioners	NEW	17%
2022	C_Other	Com - Room Air Conditioners	ROB	17%
2022	C_Other	Com - Water Source Heat Pump	NEW	14%
2022	C_Other	Com - Water Source Heat Pump	ROB	14%
2022	C_Other	Com - Zero-Energy Doors	RET	65%
2022	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	66%
2022	C_Restaurant	Com - Custom cooling	NEW	30%
2022	C_Restaurant	Com - Custom cooling	RET	25%
2022	C_Restaurant	Com - Custom Lighting	NEW	43%
2022	C_Restaurant	Com - Custom motors	NEW	30%
2022	C_Restaurant	Com - Custom motors	RET	25%
2022	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	12%
2022	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	53%
2022	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	68%
2022	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	68%
2022	C_Restaurant	Com - Exterior LED fixture	NEW	92%
2022	C_Restaurant	Com - Exterior LED fixture	ROB	92%
2022	C_Restaurant	Com - Exterior LED Lamp	NEW	93%
2022	C_Restaurant	Com - Exterior LED Lamp	ROB	93%
2022	C_Restaurant	Com - Exterior Lighting Controls	RET	39%
2022	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	45%
2022	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	45%
2022	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2022	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2022	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2022	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2022	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2022	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2022	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	34%
2022	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	34%
2022	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	43%
2022	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2022	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2022	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	272.6u
2022	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	272.6u
2022	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	721.8n
2022	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	721.8n
2022	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	62%
2022	C_Restaurant	Com - Low-flow Faucet Aerator	RET	52%
2022	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	18%
2022	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Restaurant	Com - Pre-rinse Spray Valves	RET	27%
2022	C_Restaurant	Com - Room Air Conditioners	NEW	4.728m
2022	C_Restaurant	Com - Room Air Conditioners	RET	3%
2022	C_Restaurant	Com - Room Air Conditioners	ROB	4.728m
2022	C_Restaurant	Com - Water Source Heat Pump	NEW	45%
2022	C_Restaurant	Com - Water Source Heat Pump	ROB	45%
2022	C_Restaurant	Com - Zero-Energy Doors	RET	45%
2022	C_Retail	Com - Anti-Sweat Heater Controls	RET	78%
2022	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	1.18m
2022	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	1.18m
2022	C_Retail	Com - Custom cooling	NEW	30%
2022	C_Retail	Com - Custom cooling	RET	25%
2022	C_Retail	Com - Custom Lighting	NEW	43%
2022	C_Retail	Com - Custom motors	NEW	30%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_Retail	Com - Custom motors	RET	25%
2022	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	22%
2022	C_Retail	Com - Exterior LED fixture	NEW	85%
2022	C_Retail	Com - Exterior LED fixture	ROB	85%
2022	C_Retail	Com - Exterior LED Lamp	NEW	87%
2022	C_Retail	Com - Exterior LED Lamp	ROB	87%
2022	C_Retail	Com - Exterior Lighting Controls	RET	43%
2022	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	1.995m
2022	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	1.995m
2022	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	145u
2022	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	145u
2022	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	31%
2022	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	31%
2022	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	60%
2022	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	60%
2022	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	59%
2022	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	59%
2022	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	32%
2022	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	32%
2022	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	18%
2022	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	54%
2022	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	54%
2022	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	235.6u
2022	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	235.6u
2022	C_Retail	Com - Interior Network Connected LED Lamps	NEW	5.325u
2022	C_Retail	Com - Interior Network Connected LED Lamps	ROB	5.325u
2022	C_Retail	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Retail	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Retail	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	3.981m
2022	C_Retail	Com - Packaged Terminal Air Conditioners	RET	4%
2022	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	3.981m
2022	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_Retail	Com - Packaged Terminal Heat Pumps	RET	18%
2022	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_Retail	Com - Room Air Conditioners	NEW	4.798m
2022	C_Retail	Com - Room Air Conditioners	RET	3%
2022	C_Retail	Com - Room Air Conditioners	ROB	4.798m
2022	C_Retail	Com - Water Source Heat Pump	NEW	2.517m
2022	C_Retail	Com - Water Source Heat Pump	ROB	2.517m
2022	C_Retail	Com - Zero-Energy Doors	RET	27%
2022	C_School	Com - Anti-Sweat Heater Controls	RET	66%
2022	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2022	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2022	C_School	Com - Custom cooling	NEW	30%
2022	C_School	Com - Custom cooling	RET	25%
2022	C_School	Com - Custom Lighting	NEW	43%
2022	C_School	Com - Custom motors	NEW	30%
2022	C_School	Com - Custom motors	RET	25%
2022	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	12%
2022	C_School	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_School	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	4%
2022	C_School	Com - Exterior LED fixture	NEW	2.412m
2022	C_School	Com - Exterior LED fixture	ROB	2.412m
2022	C_School	Com - Exterior LED Lamp	NEW	3.962m
2022	C_School	Com - Exterior LED Lamp	ROB	3.962m
2022	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	35%
2022	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	35%
2022	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	52%
2022	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	52%
2022	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2022	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2022	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	33%
2022	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	33%
2022	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2022	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2022	C_School	Com - Interior Network Connected LED Fixtures	NEW	156.6u
2022	C_School	Com - Interior Network Connected LED Fixtures	ROB	156.6u
2022	C_School	Com - Interior Network Connected LED Lamps	NEW	35.99u
2022	C_School	Com - Interior Network Connected LED Lamps	ROB	35.99u
2022	C_School	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_School	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_School	Com - Low-flow Faucet Aerator	NEW	63%
2022	C_School	Com - Low-flow Faucet Aerator	RET	52%
2022	C_School	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_School	Com - Packaged Terminal Air Conditioners	NEW	3.215m
2022	C_School	Com - Packaged Terminal Air Conditioners	RET	1%
2022	C_School	Com - Packaged Terminal Air Conditioners	ROB	3.215m
2022	C_School	Com - Packaged Terminal Heat Pumps	NEW	17%
2022	C_School	Com - Packaged Terminal Heat Pumps	RET	17%
2022	C_School	Com - Packaged Terminal Heat Pumps	ROB	17%
2022	C_School	Com - Pre-rinse Spray Valves	RET	27%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	C_School	Com - Room Air Conditioners	NEW	3.739m
2022	C_School	Com - Room Air Conditioners	ROB	3.739m
2022	C_School	Com - Water Source Heat Pump	NEW	4%
2022	C_School	Com - Water Source Heat Pump	ROB	4%
2022	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	59%
2022	C_Warehouse	Com - Custom cooling	NEW	30%
2022	C_Warehouse	Com - Custom cooling	RET	25%
2022	C_Warehouse	Com - Custom Lighting	NEW	43%
2022	C_Warehouse	Com - Custom motors	NEW	30%
2022	C_Warehouse	Com - Custom motors	RET	25%
2022	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	5%
2022	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	5%
2022	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	6%
2022	C_Warehouse	Com - Exterior LED fixture	NEW	86%
2022	C_Warehouse	Com - Exterior LED fixture	ROB	86%
2022	C_Warehouse	Com - Exterior LED Lamp	NEW	88%
2022	C_Warehouse	Com - Exterior LED Lamp	ROB	88%
2022	C_Warehouse	Com - Exterior Lighting Controls	RET	39%
2022	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	1.784m
2022	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	1.784m
2022	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	18%
2022	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	18%
2022	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	55%
2022	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	55%
2022	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	56%
2022	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	56%
2022	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	14%
2022	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	14%
2022	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	30%
2022	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	71%
2022	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	71%
2022	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	324.1u
2022	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	324.1u
2022	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	2.842u
2022	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	2.842u
2022	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	6%
2022	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	5%
2022	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	64%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	17%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	18%
2022	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	17%
2022	C_Warehouse	Com - Room Air Conditioners	NEW	17%
2022	C_Warehouse	Com - Room Air Conditioners	RET	17%
2022	C_Warehouse	Com - Room Air Conditioners	ROB	17%
2022	C_Warehouse	Com - Water Source Heat Pump	NEW	2.596m
2022	C_Warehouse	Com - Water Source Heat Pump	ROB	2.596m
2022	C_Warehouse	Com - Zero-Energy Doors	RET	5%
2022	I_Agriculture	Ind - Air Compressor Optimization	RET	32%
2022	I_Agriculture	Ind - Dew Point Controls	RET	4%
2022	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	56%
2022	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	56%
2022	I_Agriculture	Ind - Mist Eliminators	RET	3%
2022	I_Agriculture	Ind - No Air Loss Drain	RET	5%
2022	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	21%
2022	I_Manufacturing	Ind - Air Compressor Optimization	RET	32%
2022	I_Manufacturing	Ind - Dew Point Controls	RET	4%
2022	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	60%
2022	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	60%
2022	I_Manufacturing	Ind - Mist Eliminators	RET	3%
2022	I_Manufacturing	Ind - No Air Loss Drain	RET	4%
2022	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	20%
2022	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	22%
2022	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2022	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	59%
2022	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	59%
2022	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1.079m
2022	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1.079m
2022	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	23%
2022	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	23%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	81%
2022	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	9%
2022	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	9%
2022	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2022	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.065u
2022	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.065u
2022	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2022	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2022	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2022	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	49%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2022	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	59%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	59%
2022	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2022	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2022	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2022	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	63%
2022	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	44%
2022	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	76%
2022	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	56%
2022	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	36%
2022	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	35%
2022	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2022	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2022	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	20%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	19%
2022	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	1.821m
2022	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	59%
2022	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	59%
2022	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1.079m
2022	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1.079m
2022	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	4%
2022	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	4%
2022	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	4%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	81%
2022	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	19%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	19%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	19%
2022	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	19%
2022	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	1.148m
2022	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	1.148m
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.065u
2022	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.065u
2022	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2022	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2022	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2022	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	26%
2022	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	26%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2022	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	60%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	60%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	60%
2022	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2022	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2022	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	87%
2022	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	73%
2022	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	78%
2022	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2022	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	678.3u
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	35%
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	35%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2022	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		34%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		4%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		4%
2022	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		4%
2022	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET		5%
2022	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET		2%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET		20%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET		19%
2022	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	1.821m	
2022	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		59%
2022	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		59%
2022	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1.079m	
2022	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1.079m	
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET		8%
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET		8%
2022	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET		8%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		78%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		78%
2022	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET		81%
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	2.946m	
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	2.946m	
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	2.876m	
2022	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	2.876m	
2022	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW		14%
2022	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB		14%
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.065u	
2022	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.065u	
2022	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2022	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		27%
2022	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2022	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2022	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2022	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET		33%
2022	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET		32%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		26%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		26%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		26%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		26%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		26%
2022	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		26%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		42%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		57%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		42%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		42%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		57%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		42%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		42%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		57%
2022	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		42%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET		33%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET		33%
2022	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET		33%
2022	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		68%
2022	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET		51%
2022	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW		52%
2022	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET		35%
2022	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	303.5u	
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		20%
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		20%
2022	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		20%
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW		0%
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	3.858f	
2022	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	1.661u	
2022	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET		5%
2022	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET		2%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET		24%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET		24%
2022	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET		6%
2022	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		59%
2022	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		59%
2022	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1.015m	
2022	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1.015m	
2022	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET		27%
2022	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET		27%
2022	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET		27%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		78%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		81%
2022	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		78%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		30%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		30%
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		30%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2022	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	30%
2022	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2022	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.002u
2022	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.002u
2022	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2022	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2022	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2022	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	56%
2022	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	56%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2022	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	63%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	63%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	49%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	63%
2022	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	49%
2022	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2022	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2022	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2022	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	80%
2022	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	63%
2022	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	63%
2022	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	43%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	36%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	36%
2022	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	36%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2022	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2022	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2022	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	12%
2022	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	22%
2022	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	22%
2022	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2022	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	59%
2022	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	59%
2022	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	893u
2022	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	893u
2022	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	30%
2022	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	30%
2022	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	30%
2022	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	78%
2022	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	81%
2022	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	78%
2022	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	13%
2022	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	13%
2022	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	13%
2022	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	13%
2022	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	19%
2022	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	19%
2022	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2022	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2022	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	881.2n
2022	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	881.2n
2022	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2022	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	27%
2022	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2022	R_Single Family Low Inco	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2022	R_Single Family Low Inco	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2022	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	57%
2022	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	57%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2022	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		59%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		59%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		44%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		59%
2022	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		44%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET		48%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET		48%
2022	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET		48%
2022	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		65%
2022	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET		48%
2022	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW		51%
2022	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET		35%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		27%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		27%
2022	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		27%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW		11%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW		11%
2022	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW		11%
2022	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET		13%
2022	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET		11%
2023	C_College	Com - Anti-Sweat Heater Controls	RET		68%
2023	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		32%
2023	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		32%
2023	C_College	Com - Custom cooling	NEW		32%
2023	C_College	Com - Custom cooling	RET		28%
2023	C_College	Com - Custom Lighting	NEW		46%
2023	C_College	Com - Custom motors	NEW		32%
2023	C_College	Com - Custom motors	RET		28%
2023	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		13%
2023	C_College	Com - Direct Evaporative Pre-Cooling	NEW		6%
2023	C_College	Com - Direct Evaporative Pre-Cooling	ROB		6%
2023	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		8%
2023	C_College	Com - Exterior LED fixture	NEW		57%
2023	C_College	Com - Exterior LED fixture	ROB		57%
2023	C_College	Com - Exterior LED Lamp	NEW		63%
2023	C_College	Com - Exterior LED Lamp	ROB		63%
2023	C_College	Com - High Efficiency Central Heat Pump System	NEW		4%
2023	C_College	Com - High Efficiency Central Heat Pump System	ROB		4%
2023	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		35%
2023	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		35%
2023	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		36%
2023	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		36%
2023	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		80%
2023	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		80%
2023	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		38%
2023	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		38%
2023	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		68%
2023	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		68%
2023	C_College	Com - Interior Network Connected LED Fixtures	NEW	397.1u	
2023	C_College	Com - Interior Network Connected LED Fixtures	ROB	397.1u	
2023	C_College	Com - Interior Network Connected LED Lamps	NEW	53.56u	
2023	C_College	Com - Interior Network Connected LED Lamps	ROB	53.56u	
2023	C_College	Com - LED Refrigerated Case Lighting	NEW		6%
2023	C_College	Com - LED Refrigerated Case Lighting	RET		6%
2023	C_College	Com - New Construction - Lighting Power Density	NEW		65%
2023	C_College	Com - Packaged Terminal Air Conditioners	NEW		1%
2023	C_College	Com - Packaged Terminal Air Conditioners	RET		6%
2023	C_College	Com - Packaged Terminal Air Conditioners	ROB		1%
2023	C_College	Com - Packaged Terminal Heat Pumps	NEW		18%
2023	C_College	Com - Packaged Terminal Heat Pumps	RET		20%
2023	C_College	Com - Packaged Terminal Heat Pumps	ROB		18%
2023	C_College	Com - Room Air Conditioners	NEW		1%
2023	C_College	Com - Room Air Conditioners	RET		4%
2023	C_College	Com - Room Air Conditioners	ROB		1%
2023	C_College	Com - Water Source Heat Pump	NEW		4%
2023	C_College	Com - Water Source Heat Pump	ROB		4%
2023	C_Grocery	Com - Anti-Sweat Heater Controls	RET		68%
2023	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		34%
2023	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		34%
2023	C_Grocery	Com - Custom cooling	NEW		32%
2023	C_Grocery	Com - Custom cooling	RET		28%
2023	C_Grocery	Com - Custom Lighting	NEW		46%
2023	C_Grocery	Com - Custom motors	NEW		32%
2023	C_Grocery	Com - Custom motors	RET		28%
2023	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		13%
2023	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW		6%
2023	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB		6%
2023	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		37%
2023	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW		69%
2023	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB		69%
2023	C_Grocery	Com - Exterior LED fixture	NEW		97%
2023	C_Grocery	Com - Exterior LED fixture	ROB		97%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Grocery	Com - Exterior LED Lamp	NEW	98%
2023	C_Grocery	Com - Exterior LED Lamp	ROB	98%
2023	C_Grocery	Com - Exterior Lighting Controls	RET	28%
2023	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	222.5u
2023	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	222.5u
2023	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	31%
2023	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	31%
2023	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	60%
2023	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	60%
2023	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	76%
2023	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	76%
2023	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	30%
2023	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	30%
2023	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	28%
2023	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2023	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2023	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	711.4u
2023	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	711.4u
2023	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	7.204u
2023	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	7.204u
2023	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Grocery	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Grocery	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	18%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	19%
2023	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	18%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	18%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	19%
2023	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	18%
2023	C_Grocery	Com - Pre-rinse Spray Valves	RET	30%
2023	C_Grocery	Com - Room Air Conditioners	NEW	19%
2023	C_Grocery	Com - Room Air Conditioners	RET	16%
2023	C_Grocery	Com - Room Air Conditioners	ROB	19%
2023	C_Grocery	Com - Water Source Heat Pump	NEW	4.808m
2023	C_Grocery	Com - Water Source Heat Pump	ROB	4.808m
2023	C_Grocery	Com - Zero-Energy Doors	RET	15%
2023	C_Health	Com - Anti-Sweat Heater Controls	RET	52%
2023	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	60%
2023	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	60%
2023	C_Health	Com - Custom cooling	NEW	32%
2023	C_Health	Com - Custom cooling	RET	28%
2023	C_Health	Com - Custom Lighting	NEW	46%
2023	C_Health	Com - Custom motors	NEW	32%
2023	C_Health	Com - Custom motors	RET	28%
2023	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	13%
2023	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	6%
2023	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	6%
2023	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	13%
2023	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2023	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2023	C_Health	Com - Exterior LED fixture	NEW	58%
2023	C_Health	Com - Exterior LED fixture	ROB	58%
2023	C_Health	Com - Exterior LED Lamp	NEW	63%
2023	C_Health	Com - Exterior LED Lamp	ROB	63%
2023	C_Health	Com - Exterior Lighting Controls	RET	20%
2023	C_Health	Com - High Efficiency Central Heat Pump System	NEW	36%
2023	C_Health	Com - High Efficiency Central Heat Pump System	ROB	36%
2023	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	10%
2023	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	10%
2023	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	28%
2023	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	28%
2023	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	62%
2023	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	62%
2023	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	18%
2023	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	18%
2023	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	12%
2023	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	68%
2023	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	68%
2023	C_Health	Com - Interior Network Connected LED Fixtures	NEW	897.6u
2023	C_Health	Com - Interior Network Connected LED Fixtures	ROB	897.6u
2023	C_Health	Com - Interior Network Connected LED Lamps	NEW	5.619u
2023	C_Health	Com - Interior Network Connected LED Lamps	ROB	5.619u
2023	C_Health	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Health	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Health	Com - Low-flow Faucet Aerator	NEW	63%
2023	C_Health	Com - Low-flow Faucet Aerator	RET	54%
2023	C_Health	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Health	Com - Packaged Terminal Air Conditioners	NEW	18%
2023	C_Health	Com - Packaged Terminal Air Conditioners	RET	20%
2023	C_Health	Com - Packaged Terminal Air Conditioners	ROB	18%
2023	C_Health	Com - Packaged Terminal Heat Pumps	NEW	18%
2023	C_Health	Com - Packaged Terminal Heat Pumps	RET	20%
2023	C_Health	Com - Packaged Terminal Heat Pumps	ROB	18%
2023	C_Health	Com - Pre-rinse Spray Valves	RET	30%
2023	C_Health	Com - Room Air Conditioners	NEW	19%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2023	C_Health	Com - Room Air Conditioners	RET		18%
2023	C_Health	Com - Room Air Conditioners	ROB		19%
2023	C_Health	Com - Water Source Heat Pump	NEW		37%
2023	C_Health	Com - Water Source Heat Pump	ROB		37%
2023	C_Health	Com - Zero-Energy Doors	RET		5%
2023	C_Lodging	Com - Anti-Sweat Heater Controls	RET		63%
2023	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		59%
2023	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		59%
2023	C_Lodging	Com - Custom cooling	NEW		32%
2023	C_Lodging	Com - Custom cooling	RET		28%
2023	C_Lodging	Com - Custom Lighting	NEW		46%
2023	C_Lodging	Com - Custom motors	NEW		32%
2023	C_Lodging	Com - Custom motors	RET		28%
2023	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		13%
2023	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW		6%
2023	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB		6%
2023	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		29%
2023	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW		69%
2023	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB		69%
2023	C_Lodging	Com - Exterior LED fixture	NEW		77%
2023	C_Lodging	Com - Exterior LED fixture	ROB		77%
2023	C_Lodging	Com - Exterior LED Lamp	NEW		81%
2023	C_Lodging	Com - Exterior LED Lamp	ROB		81%
2023	C_Lodging	Com - Guest Room Energy Management	RET		22%
2023	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW		37%
2023	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB		37%
2023	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW		36%
2023	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB		36%
2023	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		53%
2023	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		53%
2023	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		56%
2023	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		56%
2023	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		80%
2023	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		80%
2023	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		37%
2023	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		37%
2023	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		58%
2023	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		58%
2023	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	251.7u	
2023	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	251.7u	
2023	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	104.9u	
2023	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	104.9u	
2023	C_Lodging	Com - LED Refrigerated Case Lighting	NEW		6%
2023	C_Lodging	Com - LED Refrigerated Case Lighting	RET		6%
2023	C_Lodging	Com - Low-flow Faucet Aerator	NEW		63%
2023	C_Lodging	Com - Low-flow Faucet Aerator	RET		54%
2023	C_Lodging	Com - New Construction - Lighting Power Density	NEW		65%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW		18%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	RET		21%
2023	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB		18%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW		18%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	RET		21%
2023	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB		18%
2023	C_Lodging	Com - Pre-rinse Spray Valves	RET		30%
2023	C_Lodging	Com - Room Air Conditioners	NEW		19%
2023	C_Lodging	Com - Room Air Conditioners	RET		20%
2023	C_Lodging	Com - Room Air Conditioners	ROB		19%
2023	C_Lodging	Com - Water Source Heat Pump	NEW		38%
2023	C_Lodging	Com - Water Source Heat Pump	ROB		38%
2023	C_Lodging	Com - Zero-Energy Doors	RET		31%
2023	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW		30%
2023	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET		28%
2023	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW		41%
2023	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW		30%
2023	C_Mining/Oil & Gas Extra	Com - Custom motors	RET		28%
2023	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW		63%
2023	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET		33%
2023	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET		7%
2023	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW		59%
2023	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB		59%
2023	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET		6%
2023	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET		7%
2023	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET		33%
2023	C_Office	Com - Anti-Sweat Heater Controls	RET		61%
2023	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		27%
2023	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		27%
2023	C_Office	Com - Custom cooling	NEW		32%
2023	C_Office	Com - Custom cooling	RET		28%
2023	C_Office	Com - Custom Lighting	NEW		46%
2023	C_Office	Com - Custom motors	NEW		32%
2023	C_Office	Com - Custom motors	RET		28%
2023	C_Office	Com - Direct Evaporative Pre-Cooling	NEW		6%
2023	C_Office	Com - Direct Evaporative Pre-Cooling	ROB		6%
2023	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		19%
2023	C_Office	Com - Exterior LED fixture	NEW		43%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Office	Com - Exterior LED fixture	ROB	43%
2023	C_Office	Com - Exterior LED Lamp	NEW	48%
2023	C_Office	Com - Exterior LED Lamp	ROB	48%
2023	C_Office	Com - High Efficiency Central Heat Pump System	NEW	3.893m
2023	C_Office	Com - High Efficiency Central Heat Pump System	ROB	3.893m
2023	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2023	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2023	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	52%
2023	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	52%
2023	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2023	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2023	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	37%
2023	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	37%
2023	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	63%
2023	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	63%
2023	C_Office	Com - Interior Network Connected LED Fixtures	NEW	399.2u
2023	C_Office	Com - Interior Network Connected LED Fixtures	ROB	399.2u
2023	C_Office	Com - Interior Network Connected LED Lamps	NEW	46.2u
2023	C_Office	Com - Interior Network Connected LED Lamps	ROB	46.2u
2023	C_Office	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Office	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Office	Com - Low-flow Faucet Aerator	RET	80%
2023	C_Office	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Office	Com - Packaged Terminal Air Conditioners	NEW	18%
2023	C_Office	Com - Packaged Terminal Air Conditioners	RET	20%
2023	C_Office	Com - Packaged Terminal Air Conditioners	ROB	18%
2023	C_Office	Com - Packaged Terminal Heat Pumps	NEW	18%
2023	C_Office	Com - Packaged Terminal Heat Pumps	RET	20%
2023	C_Office	Com - Packaged Terminal Heat Pumps	ROB	18%
2023	C_Office	Com - Room Air Conditioners	NEW	19%
2023	C_Office	Com - Room Air Conditioners	RET	18%
2023	C_Office	Com - Room Air Conditioners	ROB	19%
2023	C_Office	Com - Water Source Heat Pump	NEW	5.915m
2023	C_Office	Com - Water Source Heat Pump	ROB	5.915m
2023	C_Office	Com - Zero-Energy Doors	RET	17%
2023	C_Other	Com - Anti-Sweat Heater Controls	RET	47%
2023	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2023	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2023	C_Other	Com - Custom cooling	NEW	32%
2023	C_Other	Com - Custom cooling	RET	28%
2023	C_Other	Com - Custom Lighting	NEW	46%
2023	C_Other	Com - Custom motors	NEW	32%
2023	C_Other	Com - Custom motors	RET	28%
2023	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	6%
2023	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	6%
2023	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	58%
2023	C_Other	Com - Exterior LED fixture	NEW	57%
2023	C_Other	Com - Exterior LED fixture	ROB	57%
2023	C_Other	Com - Exterior LED Lamp	NEW	63%
2023	C_Other	Com - Exterior LED Lamp	ROB	63%
2023	C_Other	Com - Exterior Lighting Controls	RET	25%
2023	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	21%
2023	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	21%
2023	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	38%
2023	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	38%
2023	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2023	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2023	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	24%
2023	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	24%
2023	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	22%
2023	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	64%
2023	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	64%
2023	C_Other	Com - Interior Network Connected LED Fixtures	NEW	543.7u
2023	C_Other	Com - Interior Network Connected LED Fixtures	ROB	543.7u
2023	C_Other	Com - Interior Network Connected LED Lamps	NEW	29.76u
2023	C_Other	Com - Interior Network Connected LED Lamps	ROB	29.76u
2023	C_Other	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Other	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Other	Com - Low-flow Faucet Aerator	NEW	64%
2023	C_Other	Com - Low-flow Faucet Aerator	RET	54%
2023	C_Other	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Other	Com - Packaged Terminal Air Conditioners	NEW	18%
2023	C_Other	Com - Packaged Terminal Air Conditioners	RET	19%
2023	C_Other	Com - Packaged Terminal Air Conditioners	ROB	18%
2023	C_Other	Com - Packaged Terminal Heat Pumps	NEW	18%
2023	C_Other	Com - Packaged Terminal Heat Pumps	RET	20%
2023	C_Other	Com - Packaged Terminal Heat Pumps	ROB	18%
2023	C_Other	Com - Pre-rinse Spray Valves	RET	30%
2023	C_Other	Com - Room Air Conditioners	NEW	19%
2023	C_Other	Com - Room Air Conditioners	ROB	19%
2023	C_Other	Com - Water Source Heat Pump	NEW	15%
2023	C_Other	Com - Water Source Heat Pump	ROB	15%
2023	C_Other	Com - Zero-Energy Doors	RET	66%
2023	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	68%
2023	C_Restaurant	Com - Custom cooling	NEW	32%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Restaurant	Com - Custom cooling	RET	28%
2023	C_Restaurant	Com - Custom Lighting	NEW	46%
2023	C_Restaurant	Com - Custom motors	NEW	32%
2023	C_Restaurant	Com - Custom motors	RET	28%
2023	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	13%
2023	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	6%
2023	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	6%
2023	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2023	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	69%
2023	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	69%
2023	C_Restaurant	Com - Exterior LED fixture	NEW	92%
2023	C_Restaurant	Com - Exterior LED fixture	ROB	92%
2023	C_Restaurant	Com - Exterior LED Lamp	NEW	94%
2023	C_Restaurant	Com - Exterior LED Lamp	ROB	94%
2023	C_Restaurant	Com - Exterior Lighting Controls	RET	40%
2023	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	45%
2023	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	45%
2023	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	43%
2023	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	43%
2023	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2023	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2023	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2023	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2023	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2023	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2023	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2023	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2023	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	44%
2023	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2023	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2023	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	674.5u
2023	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	674.5u
2023	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	1.777u
2023	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	1.777u
2023	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	63%
2023	C_Restaurant	Com - Low-flow Faucet Aerator	RET	54%
2023	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	18%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	21%
2023	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	18%
2023	C_Restaurant	Com - Pre-rinse Spray Valves	RET	30%
2023	C_Restaurant	Com - Room Air Conditioners	NEW	1%
2023	C_Restaurant	Com - Room Air Conditioners	RET	5%
2023	C_Restaurant	Com - Room Air Conditioners	ROB	1%
2023	C_Restaurant	Com - Water Source Heat Pump	NEW	46%
2023	C_Restaurant	Com - Water Source Heat Pump	ROB	46%
2023	C_Restaurant	Com - Zero-Energy Doors	RET	47%
2023	C_Retail	Com - Anti-Sweat Heater Controls	RET	78%
2023	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3.039m
2023	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3.039m
2023	C_Retail	Com - Custom cooling	NEW	32%
2023	C_Retail	Com - Custom cooling	RET	28%
2023	C_Retail	Com - Custom Lighting	NEW	46%
2023	C_Retail	Com - Custom motors	NEW	32%
2023	C_Retail	Com - Custom motors	RET	28%
2023	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	6%
2023	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	6%
2023	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	24%
2023	C_Retail	Com - Exterior LED fixture	NEW	86%
2023	C_Retail	Com - Exterior LED fixture	ROB	86%
2023	C_Retail	Com - Exterior LED Lamp	NEW	89%
2023	C_Retail	Com - Exterior LED Lamp	ROB	89%
2023	C_Retail	Com - Exterior Lighting Controls	RET	44%
2023	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	5.274m
2023	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	5.274m
2023	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	2.279m
2023	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	2.279m
2023	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	32%
2023	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	32%
2023	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	61%
2023	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	61%
2023	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	61%
2023	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	61%
2023	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	33%
2023	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	33%
2023	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	19%
2023	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	57%
2023	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	57%
2023	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	582.1u
2023	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	582.1u
2023	C_Retail	Com - Interior Network Connected LED Lamps	NEW	13.19u
2023	C_Retail	Com - Interior Network Connected LED Lamps	ROB	13.19u
2023	C_Retail	Com - LED Refrigerated Case Lighting	NEW	6%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2023	C_Retail	Com - LED Refrigerated Case Lighting	RET		6%
2023	C_Retail	Com - New Construction - Lighting Power Density	NEW		65%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	NEW		1%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	RET		6%
2023	C_Retail	Com - Packaged Terminal Air Conditioners	ROB		1%
2023	C_Retail	Com - Packaged Terminal Heat Pumps	NEW		18%
2023	C_Retail	Com - Packaged Terminal Heat Pumps	RET		21%
2023	C_Retail	Com - Packaged Terminal Heat Pumps	ROB		18%
2023	C_Retail	Com - Room Air Conditioners	NEW		1%
2023	C_Retail	Com - Room Air Conditioners	RET		6%
2023	C_Retail	Com - Room Air Conditioners	ROB		1%
2023	C_Retail	Com - Water Source Heat Pump	NEW	6.658m	
2023	C_Retail	Com - Water Source Heat Pump	ROB	6.658m	
2023	C_Retail	Com - Zero-Energy Doors	RET		29%
2023	C_School	Com - Anti-Sweat Heater Controls	RET		68%
2023	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		32%
2023	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		32%
2023	C_School	Com - Custom cooling	NEW		32%
2023	C_School	Com - Custom cooling	RET		28%
2023	C_School	Com - Custom Lighting	NEW		46%
2023	C_School	Com - Custom motors	NEW		32%
2023	C_School	Com - Custom motors	RET		28%
2023	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		13%
2023	C_School	Com - Direct Evaporative Pre-Cooling	NEW		5%
2023	C_School	Com - Direct Evaporative Pre-Cooling	ROB		5%
2023	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		8%
2023	C_School	Com - Exterior LED fixture	NEW	6.481m	
2023	C_School	Com - Exterior LED fixture	ROB	6.481m	
2023	C_School	Com - Exterior LED Lamp	NEW		1%
2023	C_School	Com - Exterior LED Lamp	ROB		1%
2023	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		36%
2023	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		36%
2023	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		53%
2023	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		53%
2023	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		70%
2023	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		70%
2023	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		34%
2023	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		34%
2023	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		82%
2023	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		82%
2023	C_School	Com - Interior Network Connected LED Fixtures	NEW	387u	
2023	C_School	Com - Interior Network Connected LED Fixtures	ROB	387u	
2023	C_School	Com - Interior Network Connected LED Lamps	NEW	89.42u	
2023	C_School	Com - Interior Network Connected LED Lamps	ROB	89.42u	
2023	C_School	Com - LED Refrigerated Case Lighting	NEW		6%
2023	C_School	Com - LED Refrigerated Case Lighting	RET		6%
2023	C_School	Com - Low-flow Faucet Aerator	NEW		64%
2023	C_School	Com - Low-flow Faucet Aerator	RET		54%
2023	C_School	Com - New Construction - Lighting Power Density	NEW		65%
2023	C_School	Com - Packaged Terminal Air Conditioners	NEW	8.513m	
2023	C_School	Com - Packaged Terminal Air Conditioners	RET		2%
2023	C_School	Com - Packaged Terminal Air Conditioners	ROB	8.513m	
2023	C_School	Com - Packaged Terminal Heat Pumps	NEW		18%
2023	C_School	Com - Packaged Terminal Heat Pumps	RET		19%
2023	C_School	Com - Packaged Terminal Heat Pumps	ROB		18%
2023	C_School	Com - Pre-rinse Spray Valves	RET		30%
2023	C_School	Com - Room Air Conditioners	NEW		1%
2023	C_School	Com - Room Air Conditioners	ROB		1%
2023	C_School	Com - Water Source Heat Pump	NEW		4%
2023	C_School	Com - Water Source Heat Pump	ROB		4%
2023	C_Warehouse	Com - Anti-Sweat Heater Controls	RET		60%
2023	C_Warehouse	Com - Custom cooling	NEW		32%
2023	C_Warehouse	Com - Custom cooling	RET		28%
2023	C_Warehouse	Com - Custom Lighting	NEW		46%
2023	C_Warehouse	Com - Custom motors	NEW		32%
2023	C_Warehouse	Com - Custom motors	RET		28%
2023	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW		5%
2023	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB		5%
2023	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		9%
2023	C_Warehouse	Com - Exterior LED fixture	NEW		87%
2023	C_Warehouse	Com - Exterior LED fixture	ROB		87%
2023	C_Warehouse	Com - Exterior LED Lamp	NEW		90%
2023	C_Warehouse	Com - Exterior LED Lamp	ROB		90%
2023	C_Warehouse	Com - Exterior Lighting Controls	RET		40%
2023	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	4.712m	
2023	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	4.712m	
2023	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		19%
2023	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		19%
2023	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		56%
2023	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		56%
2023	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		58%
2023	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		58%
2023	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		14%
2023	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		14%
2023	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		31%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2023	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2023	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	802.6u
2023	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	802.6u
2023	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	7.014u
2023	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	7.014u
2023	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	6%
2023	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	6%
2023	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	65%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	18%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	20%
2023	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	18%
2023	C_Warehouse	Com - Room Air Conditioners	NEW	19%
2023	C_Warehouse	Com - Room Air Conditioners	RET	19%
2023	C_Warehouse	Com - Room Air Conditioners	ROB	19%
2023	C_Warehouse	Com - Water Source Heat Pump	NEW	6.868m
2023	C_Warehouse	Com - Water Source Heat Pump	ROB	6.868m
2023	C_Warehouse	Com - Zero-Energy Doors	RET	7%
2023	I_Agriculture	Ind - Air Compressor Optimization	RET	33%
2023	I_Agriculture	Ind - Dew Point Controls	RET	7%
2023	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	59%
2023	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	59%
2023	I_Agriculture	Ind - Mist Eliminators	RET	6%
2023	I_Agriculture	Ind - No Air Loss Drain	RET	8%
2023	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	33%
2023	I_Manufacturing	Ind - Air Compressor Optimization	RET	33%
2023	I_Manufacturing	Ind - Dew Point Controls	RET	7%
2023	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	63%
2023	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	63%
2023	I_Manufacturing	Ind - Mist Eliminators	RET	6%
2023	I_Manufacturing	Ind - No Air Loss Drain	RET	7%
2023	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	33%
2023	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	32%
2023	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2023	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	64%
2023	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	65%
2023	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3.353m
2023	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3.353m
2023	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	33%
2023	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	33%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	79%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	83%
2023	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	79%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	10%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	10%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	10%
2023	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	10%
2023	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	12%
2023	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	12%
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	301.7u
2023	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	301.7u
2023	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2023	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2023	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2023	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	55%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2023	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	69%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	69%
2023	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2023	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2023	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2023	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	65%
2023	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	46%
2023	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	78%
2023	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	58%
2023	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	41%
2023	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	40%
2023	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2023	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2023	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	31%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	30%
2023	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	2.774m
2023	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	64%
2023	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	65%
2023	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3.353m
2023	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3.353m
2023	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	6%
2023	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	6%
2023	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	6%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	79%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	83%
2023	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	79%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	21%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	21%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	20%
2023	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	20%
2023	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	3.932m
2023	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	3.932m
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	301.7u
2023	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	301.7u
2023	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2023	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2023	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2023	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	28%
2023	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	28%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2023	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	70%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	70%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	70%
2023	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2023	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2023	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	88%
2023	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	73%
2023	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	79%
2023	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	60%
2023	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.018m
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	40%
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	40%
2023	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	40%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2023	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2023	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	7%
2023	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	3%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	31%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	30%
2023	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	2.774m
2023	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	64%
2023	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	65%
2023	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3.353m
2023	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3.353m
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	10%
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	10%
2023	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	10%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	79%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	79%
2023	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	83%
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	9.775m
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	9.775m
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	9.543m
2023	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	9.543m
2023	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2023	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	301.7u
2023	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	301.7u

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2023	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2023	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2023	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	34%
2023	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	34%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2023	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	43%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	67%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	43%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	43%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	67%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	43%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	43%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	67%
2023	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	43%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2023	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2023	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	69%
2023	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	52%
2023	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	54%
2023	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	37%
2023	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	455.1u
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	26%
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	26%
2023	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	26%
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	7.362f
2023	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	2.957u
2023	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	7%
2023	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	3%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	35%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	34%
2023	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2023	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	64%
2023	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	65%
2023	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3.155m
2023	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3.155m
2023	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	37%
2023	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	37%
2023	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	37%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	79%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	83%
2023	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	79%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	32%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	32%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	31%
2023	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	31%
2023	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2023	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	283.9u
2023	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	283.9u
2023	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2023	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2023	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2023	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	62%
2023	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	62%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2023	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	72%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	72%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	72%
2023	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2023	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2023	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2023	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2023	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	81%
2023	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	64%
2023	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	65%
2023	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	45%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	40%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	40%
2023	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	39%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2023	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2023	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2023	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	13%
2023	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	33%
2023	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	32%
2023	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2023	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	64%
2023	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	65%
2023	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2.775m
2023	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2.775m
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	39%
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	39%
2023	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	39%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	79%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	83%
2023	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	79%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	14%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	14%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	14%
2023	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	14%
2023	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	19%
2023	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	19%
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	249.7u
2023	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	249.7u
2023	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2023	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	36%
2023	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2023	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2023	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2023	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	63%
2023	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	63%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2023	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	45%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	68%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	45%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	45%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	68%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	45%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	45%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	68%
2023	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	45%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2023	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2023	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	67%
2023	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	49%
2023	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	53%
2023	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	36%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	32%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	32%
2023	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	32%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2023	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2023	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2023	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	12%
2024	C_College	Com - Anti-Sweat Heater Controls	RET	69%
2024	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	33%
2024	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	33%
2024	C_College	Com - Custom cooling	NEW	34%
2024	C_College	Com - Custom cooling	RET	32%
2024	C_College	Com - Custom Lighting	NEW	50%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_College	Com - Custom motors	NEW	34%
2024	C_College	Com - Custom motors	RET	32%
2024	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_College	Com - Direct Evaporative Pre-Cooling	NEW	6%
2024	C_College	Com - Direct Evaporative Pre-Cooling	ROB	6%
2024	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	11%
2024	C_College	Com - Exterior LED fixture	NEW	60%
2024	C_College	Com - Exterior LED fixture	ROB	60%
2024	C_College	Com - Exterior LED Lamp	NEW	67%
2024	C_College	Com - Exterior LED Lamp	ROB	67%
2024	C_College	Com - High Efficiency Central Heat Pump System	NEW	5%
2024	C_College	Com - High Efficiency Central Heat Pump System	ROB	5%
2024	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	4%
2024	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	4%
2024	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2024	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2024	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	37%
2024	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	37%
2024	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2024	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2024	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2024	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2024	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2024	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2024	C_College	Com - Interior Network Connected LED Fixtures	NEW	842.3u
2024	C_College	Com - Interior Network Connected LED Fixtures	ROB	842.3u
2024	C_College	Com - Interior Network Connected LED Lamps	NEW	113.3u
2024	C_College	Com - Interior Network Connected LED Lamps	ROB	113.3u
2024	C_College	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_College	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_College	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_College	Com - Packaged Terminal Air Conditioners	NEW	2%
2024	C_College	Com - Packaged Terminal Air Conditioners	RET	8%
2024	C_College	Com - Packaged Terminal Air Conditioners	ROB	2%
2024	C_College	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_College	Com - Packaged Terminal Heat Pumps	RET	23%
2024	C_College	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_College	Com - Room Air Conditioners	NEW	3%
2024	C_College	Com - Room Air Conditioners	RET	7%
2024	C_College	Com - Room Air Conditioners	ROB	3%
2024	C_College	Com - RTU with Demand Control	RET	346.4u
2024	C_College	Com - Water Source Heat Pump	NEW	5%
2024	C_College	Com - Water Source Heat Pump	ROB	5%
2024	C_Grocery	Com - Anti-Sweat Heater Controls	RET	69%
2024	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	35%
2024	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	35%
2024	C_Grocery	Com - Custom cooling	NEW	34%
2024	C_Grocery	Com - Custom cooling	RET	32%
2024	C_Grocery	Com - Custom Lighting	NEW	50%
2024	C_Grocery	Com - Custom motors	NEW	34%
2024	C_Grocery	Com - Custom motors	RET	32%
2024	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	6%
2024	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	6%
2024	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	40%
2024	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	70%
2024	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	70%
2024	C_Grocery	Com - Exterior LED fixture	NEW	97%
2024	C_Grocery	Com - Exterior LED fixture	ROB	97%
2024	C_Grocery	Com - Exterior LED Lamp	NEW	98%
2024	C_Grocery	Com - Exterior LED Lamp	ROB	98%
2024	C_Grocery	Com - Exterior Lighting Controls	RET	29%
2024	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	3.357m
2024	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	3.357m
2024	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	33%
2024	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	33%
2024	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	62%
2024	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	62%
2024	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2024	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2024	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	32%
2024	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	32%
2024	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	29%
2024	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2024	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%
2024	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	1.51m
2024	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	1.51m
2024	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	15.12u
2024	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	15.12u
2024	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_Grocery	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_Grocery	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	20%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	21%
2024	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	20%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	21%
2024	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_Grocery	Com - Pre-rinse Spray Valves	RET	33%
2024	C_Grocery	Com - Room Air Conditioners	NEW	21%
2024	C_Grocery	Com - Room Air Conditioners	RET	17%
2024	C_Grocery	Com - Room Air Conditioners	ROB	21%
2024	C_Grocery	Com - RTU with Demand Control	RET	346.4u
2024	C_Grocery	Com - Water Source Heat Pump	NEW	9.941m
2024	C_Grocery	Com - Water Source Heat Pump	ROB	9.941m
2024	C_Grocery	Com - Zero-Energy Doors	RET	17%
2024	C_Health	Com - Anti-Sweat Heater Controls	RET	54%
2024	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	61%
2024	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	61%
2024	C_Health	Com - Custom cooling	NEW	34%
2024	C_Health	Com - Custom cooling	RET	32%
2024	C_Health	Com - Custom Lighting	NEW	50%
2024	C_Health	Com - Custom motors	NEW	34%
2024	C_Health	Com - Custom motors	RET	32%
2024	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	7%
2024	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	7%
2024	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	17%
2024	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	70%
2024	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	70%
2024	C_Health	Com - Exterior LED fixture	NEW	61%
2024	C_Health	Com - Exterior LED fixture	ROB	61%
2024	C_Health	Com - Exterior LED Lamp	NEW	68%
2024	C_Health	Com - Exterior LED Lamp	ROB	68%
2024	C_Health	Com - Exterior Lighting Controls	RET	22%
2024	C_Health	Com - High Efficiency Central Heat Pump System	NEW	37%
2024	C_Health	Com - High Efficiency Central Heat Pump System	ROB	37%
2024	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	35%
2024	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	35%
2024	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	11%
2024	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	11%
2024	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	30%
2024	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	30%
2024	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	64%
2024	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	64%
2024	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	20%
2024	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	20%
2024	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	14%
2024	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	71%
2024	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	71%
2024	C_Health	Com - Interior Network Connected LED Fixtures	NEW	1.908m
2024	C_Health	Com - Interior Network Connected LED Fixtures	ROB	1.908m
2024	C_Health	Com - Interior Network Connected LED Lamps	NEW	11.81u
2024	C_Health	Com - Interior Network Connected LED Lamps	ROB	11.81u
2024	C_Health	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_Health	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_Health	Com - Low-flow Faucet Aerator	NEW	64%
2024	C_Health	Com - Low-flow Faucet Aerator	RET	56%
2024	C_Health	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_Health	Com - Packaged Terminal Air Conditioners	NEW	20%
2024	C_Health	Com - Packaged Terminal Air Conditioners	RET	22%
2024	C_Health	Com - Packaged Terminal Air Conditioners	ROB	20%
2024	C_Health	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_Health	Com - Packaged Terminal Heat Pumps	RET	22%
2024	C_Health	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_Health	Com - Pre-rinse Spray Valves	RET	33%
2024	C_Health	Com - Room Air Conditioners	NEW	21%
2024	C_Health	Com - Room Air Conditioners	RET	20%
2024	C_Health	Com - Room Air Conditioners	ROB	21%
2024	C_Health	Com - RTU with Demand Control	RET	346.4u
2024	C_Health	Com - Water Source Heat Pump	NEW	38%
2024	C_Health	Com - Water Source Heat Pump	ROB	38%
2024	C_Health	Com - Zero-Energy Doors	RET	7%
2024	C_Lodging	Com - Anti-Sweat Heater Controls	RET	64%
2024	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	60%
2024	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	60%
2024	C_Lodging	Com - Custom cooling	NEW	34%
2024	C_Lodging	Com - Custom cooling	RET	32%
2024	C_Lodging	Com - Custom Lighting	NEW	50%
2024	C_Lodging	Com - Custom motors	NEW	34%
2024	C_Lodging	Com - Custom motors	RET	32%
2024	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	7%
2024	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	7%
2024	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2024	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	70%
2024	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	70%
2024	C_Lodging	Com - Exterior LED fixture	NEW	79%
2024	C_Lodging	Com - Exterior LED fixture	ROB	79%
2024	C_Lodging	Com - Exterior LED Lamp	NEW	84%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2024	C_Lodging	Com - Exterior LED Lamp	ROB		84%
2024	C_Lodging	Com - Guest Room Energy Management	RET		24%
2024	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW		38%
2024	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB		38%
2024	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW		37%
2024	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB		37%
2024	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		54%
2024	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		54%
2024	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		56%
2024	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		56%
2024	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		81%
2024	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		81%
2024	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		38%
2024	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		38%
2024	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		60%
2024	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		60%
2024	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	531.5u	
2024	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	531.5u	
2024	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	221.9u	
2024	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	221.9u	
2024	C_Lodging	Com - LED Refrigerated Case Lighting	NEW		7%
2024	C_Lodging	Com - LED Refrigerated Case Lighting	RET		8%
2024	C_Lodging	Com - Low-flow Faucet Aerator	NEW		64%
2024	C_Lodging	Com - Low-flow Faucet Aerator	RET		56%
2024	C_Lodging	Com - New Construction - Lighting Power Density	NEW		66%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW		20%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	RET		23%
2024	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB		20%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW		20%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	RET		24%
2024	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB		20%
2024	C_Lodging	Com - Pre-rinse Spray Valves	RET		33%
2024	C_Lodging	Com - Room Air Conditioners	NEW		21%
2024	C_Lodging	Com - Room Air Conditioners	RET		23%
2024	C_Lodging	Com - Room Air Conditioners	ROB		21%
2024	C_Lodging	Com - RTU with Demand Control	RET	346.4u	
2024	C_Lodging	Com - Water Source Heat Pump	NEW		39%
2024	C_Lodging	Com - Water Source Heat Pump	ROB		39%
2024	C_Lodging	Com - Zero-Energy Doors	RET		33%
2024	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW		31%
2024	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET		32%
2024	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW		44%
2024	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW		31%
2024	C_Mining/Oil & Gas Extra	Com - Custom motors	RET		32%
2024	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW		64%
2024	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET		34%
2024	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET		11%
2024	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW		60%
2024	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB		60%
2024	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET		9%
2024	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET		11%
2024	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET		47%
2024	C_Office	Com - Anti-Sweat Heater Controls	RET		62%
2024	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		28%
2024	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		28%
2024	C_Office	Com - Custom cooling	NEW		34%
2024	C_Office	Com - Custom cooling	RET		32%
2024	C_Office	Com - Custom Lighting	NEW		50%
2024	C_Office	Com - Custom motors	NEW		34%
2024	C_Office	Com - Custom motors	RET		32%
2024	C_Office	Com - Direct Evaporative Pre-Cooling	NEW		7%
2024	C_Office	Com - Direct Evaporative Pre-Cooling	ROB		7%
2024	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		22%
2024	C_Office	Com - Exterior LED fixture	NEW		46%
2024	C_Office	Com - Exterior LED fixture	ROB		46%
2024	C_Office	Com - Exterior LED Lamp	NEW		53%
2024	C_Office	Com - Exterior LED Lamp	ROB		53%
2024	C_Office	Com - High Efficiency Central Heat Pump System	NEW	8.057m	
2024	C_Office	Com - High Efficiency Central Heat Pump System	ROB	8.057m	
2024	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	399.6u	
2024	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	399.6u	
2024	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		40%
2024	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		40%
2024	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		53%
2024	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		53%
2024	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		73%
2024	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		73%
2024	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		38%
2024	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		38%
2024	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		65%
2024	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		65%
2024	C_Office	Com - Interior Network Connected LED Fixtures	NEW	844.6u	
2024	C_Office	Com - Interior Network Connected LED Fixtures	ROB	844.6u	
2024	C_Office	Com - Interior Network Connected LED Lamps	NEW	97.8u	
2024	C_Office	Com - Interior Network Connected LED Lamps	ROB	97.8u	

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_Office	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_Office	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_Office	Com - Low-flow Faucet Aerator	RET	81%
2024	C_Office	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_Office	Com - Packaged Terminal Air Conditioners	NEW	20%
2024	C_Office	Com - Packaged Terminal Air Conditioners	RET	22%
2024	C_Office	Com - Packaged Terminal Air Conditioners	ROB	20%
2024	C_Office	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_Office	Com - Packaged Terminal Heat Pumps	RET	23%
2024	C_Office	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_Office	Com - Room Air Conditioners	NEW	21%
2024	C_Office	Com - Room Air Conditioners	RET	20%
2024	C_Office	Com - Room Air Conditioners	ROB	21%
2024	C_Office	Com - RTU with Demand Control	RET	346.4u
2024	C_Office	Com - Water Source Heat Pump	NEW	1%
2024	C_Office	Com - Water Source Heat Pump	ROB	1%
2024	C_Office	Com - Zero-Energy Doors	RET	20%
2024	C_Other	Com - Anti-Sweat Heater Controls	RET	49%
2024	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	25%
2024	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	25%
2024	C_Other	Com - Custom cooling	NEW	34%
2024	C_Other	Com - Custom cooling	RET	32%
2024	C_Other	Com - Custom Lighting	NEW	50%
2024	C_Other	Com - Custom motors	NEW	34%
2024	C_Other	Com - Custom motors	RET	32%
2024	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	6%
2024	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	6%
2024	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	59%
2024	C_Other	Com - Exterior LED fixture	NEW	60%
2024	C_Other	Com - Exterior LED fixture	ROB	60%
2024	C_Other	Com - Exterior LED Lamp	NEW	68%
2024	C_Other	Com - Exterior LED Lamp	ROB	68%
2024	C_Other	Com - Exterior Lighting Controls	RET	26%
2024	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	22%
2024	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	22%
2024	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	39%
2024	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	39%
2024	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2024	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2024	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	26%
2024	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	26%
2024	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	23%
2024	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2024	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2024	C_Other	Com - Interior Network Connected LED Fixtures	NEW	1.152m
2024	C_Other	Com - Interior Network Connected LED Fixtures	ROB	1.152m
2024	C_Other	Com - Interior Network Connected LED Lamps	NEW	62.96u
2024	C_Other	Com - Interior Network Connected LED Lamps	ROB	62.96u
2024	C_Other	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_Other	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_Other	Com - Low-flow Faucet Aerator	NEW	65%
2024	C_Other	Com - Low-flow Faucet Aerator	RET	56%
2024	C_Other	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_Other	Com - Packaged Terminal Air Conditioners	NEW	20%
2024	C_Other	Com - Packaged Terminal Air Conditioners	RET	22%
2024	C_Other	Com - Packaged Terminal Air Conditioners	ROB	20%
2024	C_Other	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_Other	Com - Packaged Terminal Heat Pumps	RET	22%
2024	C_Other	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_Other	Com - Pre-rinse Spray Valves	RET	33%
2024	C_Other	Com - Room Air Conditioners	NEW	21%
2024	C_Other	Com - Room Air Conditioners	ROB	21%
2024	C_Other	Com - RTU with Demand Control	RET	346.4u
2024	C_Other	Com - Water Source Heat Pump	NEW	16%
2024	C_Other	Com - Water Source Heat Pump	ROB	16%
2024	C_Other	Com - Zero-Energy Doors	RET	67%
2024	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	69%
2024	C_Restaurant	Com - Custom cooling	NEW	34%
2024	C_Restaurant	Com - Custom cooling	RET	32%
2024	C_Restaurant	Com - Custom Lighting	NEW	50%
2024	C_Restaurant	Com - Custom motors	NEW	34%
2024	C_Restaurant	Com - Custom motors	RET	32%
2024	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	7%
2024	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	7%
2024	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	56%
2024	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	70%
2024	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	70%
2024	C_Restaurant	Com - Exterior LED fixture	NEW	93%
2024	C_Restaurant	Com - Exterior LED fixture	ROB	93%
2024	C_Restaurant	Com - Exterior LED Lamp	NEW	95%
2024	C_Restaurant	Com - Exterior LED Lamp	ROB	95%
2024	C_Restaurant	Com - Exterior Lighting Controls	RET	42%
2024	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	46%
2024	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	46%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2024	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW		44%
2024	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB		44%
2024	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		38%
2024	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		38%
2024	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		60%
2024	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		60%
2024	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		74%
2024	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		74%
2024	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		38%
2024	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		38%
2024	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		45%
2024	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		79%
2024	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		79%
2024	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	1.432m	
2024	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	1.432m	
2024	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	3.729u	
2024	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	3.729u	
2024	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW		7%
2024	C_Restaurant	Com - LED Refrigerated Case Lighting	RET		8%
2024	C_Restaurant	Com - Low-flow Faucet Aerator	NEW		64%
2024	C_Restaurant	Com - Low-flow Faucet Aerator	RET		56%
2024	C_Restaurant	Com - New Construction - Lighting Power Density	NEW		66%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW		20%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET		24%
2024	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB		20%
2024	C_Restaurant	Com - Pre-rinse Spray Valves	RET		33%
2024	C_Restaurant	Com - Room Air Conditioners	NEW		3%
2024	C_Restaurant	Com - Room Air Conditioners	RET		8%
2024	C_Restaurant	Com - Room Air Conditioners	ROB		3%
2024	C_Restaurant	Com - RTU with Demand Control	RET	346.4u	
2024	C_Restaurant	Com - Water Source Heat Pump	NEW		47%
2024	C_Restaurant	Com - Water Source Heat Pump	ROB		47%
2024	C_Restaurant	Com - Zero-Energy Doors	RET		48%
2024	C_Retail	Com - Anti-Sweat Heater Controls	RET		79%
2024	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	6.292m	
2024	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	6.292m	
2024	C_Retail	Com - Custom cooling	NEW		34%
2024	C_Retail	Com - Custom cooling	RET		32%
2024	C_Retail	Com - Custom Lighting	NEW		50%
2024	C_Retail	Com - Custom motors	NEW		34%
2024	C_Retail	Com - Custom motors	RET		32%
2024	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW		6%
2024	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB		6%
2024	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		27%
2024	C_Retail	Com - Exterior LED fixture	NEW		87%
2024	C_Retail	Com - Exterior LED fixture	ROB		87%
2024	C_Retail	Com - Exterior LED Lamp	NEW		91%
2024	C_Retail	Com - Exterior LED Lamp	ROB		91%
2024	C_Retail	Com - Exterior Lighting Controls	RET		45%
2024	C_Retail	Com - High Efficiency Central Heat Pump System	NEW		1%
2024	C_Retail	Com - High Efficiency Central Heat Pump System	ROB		1%
2024	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	5.871m	
2024	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	5.871m	
2024	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		34%
2024	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		34%
2024	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		62%
2024	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		62%
2024	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		63%
2024	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		63%
2024	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		35%
2024	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		35%
2024	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		21%
2024	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		61%
2024	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		61%
2024	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	1.234m	
2024	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	1.234m	
2024	C_Retail	Com - Interior Network Connected LED Lamps	NEW	27.85u	
2024	C_Retail	Com - Interior Network Connected LED Lamps	ROB	27.85u	
2024	C_Retail	Com - LED Refrigerated Case Lighting	NEW		7%
2024	C_Retail	Com - LED Refrigerated Case Lighting	RET		8%
2024	C_Retail	Com - New Construction - Lighting Power Density	NEW		66%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	NEW		2%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	RET		9%
2024	C_Retail	Com - Packaged Terminal Air Conditioners	ROB		2%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	NEW		20%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	RET		24%
2024	C_Retail	Com - Packaged Terminal Heat Pumps	ROB		20%
2024	C_Retail	Com - Room Air Conditioners	NEW		3%
2024	C_Retail	Com - Room Air Conditioners	RET		8%
2024	C_Retail	Com - Room Air Conditioners	ROB		3%
2024	C_Retail	Com - RTU with Demand Control	RET		67%
2024	C_Retail	Com - Water Source Heat Pump	NEW		1%
2024	C_Retail	Com - Water Source Heat Pump	ROB		1%
2024	C_Retail	Com - Zero-Energy Doors	RET		31%
2024	C_School	Com - Anti-Sweat Heater Controls	RET		69%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	33%
2024	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	33%
2024	C_School	Com - Custom cooling	NEW	34%
2024	C_School	Com - Custom cooling	RET	32%
2024	C_School	Com - Custom Lighting	NEW	50%
2024	C_School	Com - Custom motors	NEW	34%
2024	C_School	Com - Custom motors	RET	32%
2024	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	15%
2024	C_School	Com - Direct Evaporative Pre-Cooling	NEW	5%
2024	C_School	Com - Direct Evaporative Pre-Cooling	ROB	5%
2024	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	11%
2024	C_School	Com - Exterior LED fixture	NEW	1%
2024	C_School	Com - Exterior LED fixture	ROB	1%
2024	C_School	Com - Exterior LED Lamp	NEW	2%
2024	C_School	Com - Exterior LED Lamp	ROB	2%
2024	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2024	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2024	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2024	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2024	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	71%
2024	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	71%
2024	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	35%
2024	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	35%
2024	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	83%
2024	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	83%
2024	C_School	Com - Interior Network Connected LED Fixtures	NEW	820.7u
2024	C_School	Com - Interior Network Connected LED Fixtures	ROB	820.7u
2024	C_School	Com - Interior Network Connected LED Lamps	NEW	189.6u
2024	C_School	Com - Interior Network Connected LED Lamps	ROB	189.6u
2024	C_School	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_School	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_School	Com - Low-flow Faucet Aerator	NEW	65%
2024	C_School	Com - Low-flow Faucet Aerator	RET	56%
2024	C_School	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_School	Com - Packaged Terminal Air Conditioners	NEW	2%
2024	C_School	Com - Packaged Terminal Air Conditioners	RET	3%
2024	C_School	Com - Packaged Terminal Air Conditioners	ROB	2%
2024	C_School	Com - Packaged Terminal Heat Pumps	NEW	20%
2024	C_School	Com - Packaged Terminal Heat Pumps	RET	20%
2024	C_School	Com - Packaged Terminal Heat Pumps	ROB	20%
2024	C_School	Com - Pre-rinse Spray Valves	RET	33%
2024	C_School	Com - Room Air Conditioners	NEW	2%
2024	C_School	Com - Room Air Conditioners	ROB	2%
2024	C_School	Com - RTU with Demand Control	RET	346.4u
2024	C_School	Com - Water Source Heat Pump	NEW	4%
2024	C_School	Com - Water Source Heat Pump	ROB	4%
2024	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	62%
2024	C_Warehouse	Com - Custom cooling	NEW	34%
2024	C_Warehouse	Com - Custom cooling	RET	32%
2024	C_Warehouse	Com - Custom Lighting	NEW	50%
2024	C_Warehouse	Com - Custom motors	NEW	34%
2024	C_Warehouse	Com - Custom motors	RET	32%
2024	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	5%
2024	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	5%
2024	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	13%
2024	C_Warehouse	Com - Exterior LED fixture	NEW	88%
2024	C_Warehouse	Com - Exterior LED fixture	ROB	88%
2024	C_Warehouse	Com - Exterior LED Lamp	NEW	91%
2024	C_Warehouse	Com - Exterior LED Lamp	ROB	91%
2024	C_Warehouse	Com - Exterior Lighting Controls	RET	42%
2024	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	9.743m
2024	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	9.743m
2024	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	20%
2024	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	20%
2024	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2024	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2024	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	61%
2024	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	61%
2024	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	16%
2024	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	16%
2024	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2024	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2024	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2024	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	1.704m
2024	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	1.704m
2024	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	14.74u
2024	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	14.74u
2024	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	7%
2024	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	8%
2024	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	66%
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	20%
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	23%
2024	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	20%
2024	C_Warehouse	Com - Room Air Conditioners	NEW	21%
2024	C_Warehouse	Com - Room Air Conditioners	RET	21%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2024	C_Warehouse	Com - Room Air Conditioners	ROB		21%
2024	C_Warehouse	Com - RTU with Demand Control	RET	346.4u	
2024	C_Warehouse	Com - Water Source Heat Pump	NEW		1%
2024	C_Warehouse	Com - Water Source Heat Pump	ROB		1%
2024	C_Warehouse	Com - Zero-Energy Doors	RET		10%
2024	I_Agriculture	Ind - Air Compressor Optimization	RET		34%
2024	I_Agriculture	Ind - Dew Point Controls	RET		11%
2024	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW		62%
2024	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB		62%
2024	I_Agriculture	Ind - Mist Eliminators	RET		9%
2024	I_Agriculture	Ind - No Air Loss Drain	RET		12%
2024	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET		47%
2024	I_Manufacturing	Ind - Air Compressor Optimization	RET		35%
2024	I_Manufacturing	Ind - Dew Point Controls	RET		11%
2024	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW		65%
2024	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB		65%
2024	I_Manufacturing	Ind - Mist Eliminators	RET		9%
2024	I_Manufacturing	Ind - No Air Loss Drain	RET		11%
2024	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET		47%
2024	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET		43%
2024	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET		3%
2024	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		69%
2024	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		70%
2024	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6.775m	
2024	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6.775m	
2024	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET		44%
2024	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET		44%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		80%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		85%
2024	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		80%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		11%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		11%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		11%
2024	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		11%
2024	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW		12%
2024	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB		12%
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	747.4u	
2024	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	747.4u	
2024	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2024	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		45%
2024	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2024	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW		0%
2024	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB		0%
2024	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET		62%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		71%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		71%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		71%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		71%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		71%
2024	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		71%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		77%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		46%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		77%
2024	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		46%
2024	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET		95%
2024	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET		95%
2024	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		67%
2024	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET		47%
2024	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW		79%
2024	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET		59%
2024	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		44%
2024	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		43%
2024	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW		10%
2024	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW		10%
2024	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET		18%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET		41%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET		40%
2024	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3.632m	
2024	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		69%
2024	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		70%
2024	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6.775m	
2024	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6.775m	
2024	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET		8%
2024	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET		8%
2024	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET		8%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		80%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		85%
2024	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		80%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		22%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		22%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		22%
2024	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		22%
2024	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	8.095m	
2024	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	8.095m	
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	612n	
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	612n	
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	747.4u	
2024	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	747.4u	
2024	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2024	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		45%
2024	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2024	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	2.713p	
2024	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	2.713p	
2024	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET		29%
2024	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET		29%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		67%
2024	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		67%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		46%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		78%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		46%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		46%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		78%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		46%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		46%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		78%
2024	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		46%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET		90%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET		90%
2024	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET		90%
2024	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		88%
2024	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		74%
2024	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW		80%
2024	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET		61%
2024	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.275m	
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		44%
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		44%
2024	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		43%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		4%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		4%
2024	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		4%
2024	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET		10%
2024	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET		4%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET		41%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET		40%
2024	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3.632m	
2024	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		69%
2024	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		70%
2024	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6.775m	
2024	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6.775m	
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET		12%
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET		12%
2024	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET		12%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		80%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		80%
2024	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET		85%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		2%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		2%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		2%
2024	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		2%
2024	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW		15%
2024	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB		15%
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	747.4u	
2024	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	747.4u	
2024	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2024	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		45%
2024	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2024	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2024	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2024	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET		35%
2024	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET		35%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		26%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2024	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	44%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	75%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	44%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	44%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	75%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	44%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	44%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	75%
2024	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	44%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2024	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2024	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	70%
2024	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	53%
2024	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	55%
2024	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	39%
2024	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	569.2u
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	30%
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	30%
2024	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	30%
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	10.49f
2024	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4.032u
2024	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	10%
2024	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	4%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	45%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	44%
2024	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2024	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	69%
2024	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	70%
2024	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6.374m
2024	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6.374m
2024	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	47%
2024	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	47%
2024	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	47%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	85%
2024	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	33%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	33%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	33%
2024	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	33%
2024	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	5%
2024	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	5%
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	703.2u
2024	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	703.2u
2024	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2024	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2024	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2024	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	67%
2024	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	67%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2024	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	80%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	51%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	80%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	51%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	80%
2024	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2024	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2024	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2024	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2024	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	82%
2024	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	65%
2024	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2024	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	47%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	42%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	42%
2024	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	42%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2024	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2024	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	19%
2024	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	14%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	43%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	42%
2024	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2024	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	69%
2024	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	70%
2024	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	5.607m
2024	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	5.607m
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	49%
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	49%
2024	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	49%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	80%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	85%
2024	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	80%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	16%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	16%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	15%
2024	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	15%
2024	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2024	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	618.5u
2024	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	618.5u
2024	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2024	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	45%
2024	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2024	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2024	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2024	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	68%
2024	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	68%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2024	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	46%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	75%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	46%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	46%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	75%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	46%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	46%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	75%
2024	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	46%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2024	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2024	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	68%
2024	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	50%
2024	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	54%
2024	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	38%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	36%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	36%
2024	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	35%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2024	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2024	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	18%
2024	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	12%
2025	C_College	Com - Anti-Sweat Heater Controls	RET	70%
2025	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	34%
2025	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	34%
2025	C_College	Com - Custom cooling	NEW	35%
2025	C_College	Com - Custom cooling	RET	36%
2025	C_College	Com - Custom Lighting	NEW	52%
2025	C_College	Com - Custom motors	NEW	35%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_College	Com - Custom motors	RET	36%
2025	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_College	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_College	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	16%
2025	C_College	Com - Exterior LED fixture	NEW	62%
2025	C_College	Com - Exterior LED fixture	ROB	62%
2025	C_College	Com - Exterior LED Lamp	NEW	71%
2025	C_College	Com - Exterior LED Lamp	ROB	71%
2025	C_College	Com - High Efficiency Central Heat Pump System	NEW	5%
2025	C_College	Com - High Efficiency Central Heat Pump System	ROB	5%
2025	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	4%
2025	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	4%
2025	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2025	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2025	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	38%
2025	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	38%
2025	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2025	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2025	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2025	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2025	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2025	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2025	C_College	Com - Interior Network Connected LED Fixtures	NEW	1.188m
2025	C_College	Com - Interior Network Connected LED Fixtures	ROB	1.188m
2025	C_College	Com - Interior Network Connected LED Lamps	NEW	159.9u
2025	C_College	Com - Interior Network Connected LED Lamps	ROB	159.9u
2025	C_College	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_College	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_College	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_College	Com - Packaged Terminal Air Conditioners	NEW	3%
2025	C_College	Com - Packaged Terminal Air Conditioners	RET	11%
2025	C_College	Com - Packaged Terminal Air Conditioners	ROB	3%
2025	C_College	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_College	Com - Packaged Terminal Heat Pumps	RET	25%
2025	C_College	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_College	Com - Room Air Conditioners	NEW	4%
2025	C_College	Com - Room Air Conditioners	RET	9%
2025	C_College	Com - Room Air Conditioners	ROB	4%
2025	C_College	Com - RTU with Demand Control	RET	3.979m
2025	C_College	Com - Water Source Heat Pump	NEW	6%
2025	C_College	Com - Water Source Heat Pump	ROB	6%
2025	C_Grocery	Com - Anti-Sweat Heater Controls	RET	70%
2025	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2025	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2025	C_Grocery	Com - Custom cooling	NEW	35%
2025	C_Grocery	Com - Custom cooling	RET	36%
2025	C_Grocery	Com - Custom Lighting	NEW	52%
2025	C_Grocery	Com - Custom motors	NEW	35%
2025	C_Grocery	Com - Custom motors	RET	36%
2025	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	43%
2025	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2025	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2025	C_Grocery	Com - Exterior LED fixture	NEW	97%
2025	C_Grocery	Com - Exterior LED fixture	ROB	97%
2025	C_Grocery	Com - Exterior LED Lamp	NEW	98%
2025	C_Grocery	Com - Exterior LED Lamp	ROB	98%
2025	C_Grocery	Com - Exterior Lighting Controls	RET	31%
2025	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	6.34m
2025	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	6.34m
2025	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	34%
2025	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	34%
2025	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	63%
2025	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	63%
2025	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2025	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2025	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	33%
2025	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	33%
2025	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	31%
2025	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	83%
2025	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	83%
2025	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	2.131m
2025	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	2.131m
2025	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	21.19u
2025	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	21.19u
2025	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Grocery	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Grocery	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	21%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	23%
2025	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	21%
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	22%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	24%
2025	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Grocery	Com - Pre-rinse Spray Valves	RET	36%
2025	C_Grocery	Com - Room Air Conditioners	NEW	23%
2025	C_Grocery	Com - Room Air Conditioners	RET	19%
2025	C_Grocery	Com - Room Air Conditioners	ROB	23%
2025	C_Grocery	Com - RTU with Demand Control	RET	3.979m
2025	C_Grocery	Com - Water Source Heat Pump	NEW	2%
2025	C_Grocery	Com - Water Source Heat Pump	ROB	2%
2025	C_Grocery	Com - Zero-Energy Doors	RET	20%
2025	C_Health	Com - Anti-Sweat Heater Controls	RET	56%
2025	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2025	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2025	C_Health	Com - Custom cooling	NEW	35%
2025	C_Health	Com - Custom cooling	RET	36%
2025	C_Health	Com - Custom Lighting	NEW	52%
2025	C_Health	Com - Custom motors	NEW	35%
2025	C_Health	Com - Custom motors	RET	36%
2025	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	21%
2025	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2025	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2025	C_Health	Com - Exterior LED fixture	NEW	63%
2025	C_Health	Com - Exterior LED fixture	ROB	63%
2025	C_Health	Com - Exterior LED Lamp	NEW	71%
2025	C_Health	Com - Exterior LED Lamp	ROB	71%
2025	C_Health	Com - Exterior Lighting Controls	RET	24%
2025	C_Health	Com - High Efficiency Central Heat Pump System	NEW	38%
2025	C_Health	Com - High Efficiency Central Heat Pump System	ROB	38%
2025	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	35%
2025	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	35%
2025	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	12%
2025	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	12%
2025	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	32%
2025	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	32%
2025	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	65%
2025	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	65%
2025	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	21%
2025	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	21%
2025	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	17%
2025	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2025	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2025	C_Health	Com - Interior Network Connected LED Fixtures	NEW	2.701m
2025	C_Health	Com - Interior Network Connected LED Fixtures	ROB	2.701m
2025	C_Health	Com - Interior Network Connected LED Lamps	NEW	16.57u
2025	C_Health	Com - Interior Network Connected LED Lamps	ROB	16.57u
2025	C_Health	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Health	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Health	Com - Low-flow Faucet Aerator	NEW	64%
2025	C_Health	Com - Low-flow Faucet Aerator	RET	58%
2025	C_Health	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Health	Com - Packaged Terminal Air Conditioners	NEW	22%
2025	C_Health	Com - Packaged Terminal Air Conditioners	RET	24%
2025	C_Health	Com - Packaged Terminal Air Conditioners	ROB	22%
2025	C_Health	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Health	Com - Packaged Terminal Heat Pumps	RET	25%
2025	C_Health	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Health	Com - Pre-rinse Spray Valves	RET	36%
2025	C_Health	Com - Room Air Conditioners	NEW	23%
2025	C_Health	Com - Room Air Conditioners	RET	23%
2025	C_Health	Com - Room Air Conditioners	ROB	23%
2025	C_Health	Com - RTU with Demand Control	RET	3.979m
2025	C_Health	Com - Water Source Heat Pump	NEW	39%
2025	C_Health	Com - Water Source Heat Pump	ROB	39%
2025	C_Health	Com - Zero-Energy Doors	RET	11%
2025	C_Lodging	Com - Anti-Sweat Heater Controls	RET	66%
2025	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	60%
2025	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	60%
2025	C_Lodging	Com - Custom cooling	NEW	35%
2025	C_Lodging	Com - Custom cooling	RET	36%
2025	C_Lodging	Com - Custom Lighting	NEW	52%
2025	C_Lodging	Com - Custom motors	NEW	35%
2025	C_Lodging	Com - Custom motors	RET	36%
2025	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	8%
2025	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	8%
2025	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2025	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2025	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2025	C_Lodging	Com - Exterior LED fixture	NEW	80%
2025	C_Lodging	Com - Exterior LED fixture	ROB	80%
2025	C_Lodging	Com - Exterior LED Lamp	NEW	85%
2025	C_Lodging	Com - Exterior LED Lamp	ROB	85%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Lodging	Com - Guest Room Energy Management	RET	27%
2025	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	39%
2025	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	39%
2025	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	38%
2025	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	38%
2025	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	55%
2025	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	55%
2025	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2025	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2025	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2025	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2025	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	38%
2025	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	38%
2025	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	61%
2025	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	61%
2025	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	747.1u
2025	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	747.1u
2025	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	313.6u
2025	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	313.6u
2025	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Lodging	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Lodging	Com - Low-flow Faucet Aerator	NEW	64%
2025	C_Lodging	Com - Low-flow Faucet Aerator	RET	58%
2025	C_Lodging	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	22%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	26%
2025	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	22%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	27%
2025	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Lodging	Com - Pre-rinse Spray Valves	RET	36%
2025	C_Lodging	Com - Room Air Conditioners	NEW	24%
2025	C_Lodging	Com - Room Air Conditioners	RET	25%
2025	C_Lodging	Com - Room Air Conditioners	ROB	24%
2025	C_Lodging	Com - RTU with Demand Control	RET	3.979m
2025	C_Lodging	Com - Water Source Heat Pump	NEW	40%
2025	C_Lodging	Com - Water Source Heat Pump	ROB	40%
2025	C_Lodging	Com - Zero-Energy Doors	RET	35%
2025	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	32%
2025	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	36%
2025	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	46%
2025	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	32%
2025	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	36%
2025	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	64%
2025	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	36%
2025	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	15%
2025	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	62%
2025	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	62%
2025	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	12%
2025	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	15%
2025	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	60%
2025	C_Office	Com - Anti-Sweat Heater Controls	RET	64%
2025	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	29%
2025	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	29%
2025	C_Office	Com - Custom cooling	NEW	35%
2025	C_Office	Com - Custom cooling	RET	36%
2025	C_Office	Com - Custom Lighting	NEW	52%
2025	C_Office	Com - Custom motors	NEW	35%
2025	C_Office	Com - Custom motors	RET	36%
2025	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	26%
2025	C_Office	Com - Exterior LED fixture	NEW	48%
2025	C_Office	Com - Exterior LED fixture	ROB	48%
2025	C_Office	Com - Exterior LED Lamp	NEW	57%
2025	C_Office	Com - Exterior LED Lamp	ROB	57%
2025	C_Office	Com - Exterior Lighting Controls	RET	32%
2025	C_Office	Com - High Efficiency Central Heat Pump System	NEW	1%
2025	C_Office	Com - High Efficiency Central Heat Pump System	ROB	1%
2025	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	3.417m
2025	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	3.417m
2025	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	41%
2025	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	41%
2025	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	53%
2025	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	53%
2025	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2025	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2025	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2025	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2025	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	29%
2025	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2025	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2025	C_Office	Com - Interior Network Connected LED Fixtures	NEW	1.189m
2025	C_Office	Com - Interior Network Connected LED Fixtures	ROB	1.189m
2025	C_Office	Com - Interior Network Connected LED Lamps	NEW	137.9u

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Office	Com - Interior Network Connected LED Lamps	ROB	137.9u
2025	C_Office	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Office	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Office	Com - Low-flow Faucet Aerator	RET	82%
2025	C_Office	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Office	Com - Packaged Terminal Air Conditioners	NEW	22%
2025	C_Office	Com - Packaged Terminal Air Conditioners	RET	24%
2025	C_Office	Com - Packaged Terminal Air Conditioners	ROB	22%
2025	C_Office	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Office	Com - Packaged Terminal Heat Pumps	RET	25%
2025	C_Office	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Office	Com - Room Air Conditioners	NEW	23%
2025	C_Office	Com - Room Air Conditioners	RET	23%
2025	C_Office	Com - Room Air Conditioners	ROB	23%
2025	C_Office	Com - RTU with Demand Control	RET	3.979m
2025	C_Office	Com - Water Source Heat Pump	NEW	2%
2025	C_Office	Com - Water Source Heat Pump	ROB	2%
2025	C_Office	Com - Zero-Energy Doors	RET	23%
2025	C_Other	Com - Anti-Sweat Heater Controls	RET	52%
2025	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2025	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2025	C_Other	Com - Custom cooling	NEW	35%
2025	C_Other	Com - Custom cooling	RET	36%
2025	C_Other	Com - Custom Lighting	NEW	52%
2025	C_Other	Com - Custom motors	NEW	35%
2025	C_Other	Com - Custom motors	RET	36%
2025	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2025	C_Other	Com - Exterior LED fixture	NEW	62%
2025	C_Other	Com - Exterior LED fixture	ROB	62%
2025	C_Other	Com - Exterior LED Lamp	NEW	71%
2025	C_Other	Com - Exterior LED Lamp	ROB	71%
2025	C_Other	Com - Exterior Lighting Controls	RET	28%
2025	C_Other	Com - High Efficiency Central Heat Pump System	NEW	14%
2025	C_Other	Com - High Efficiency Central Heat Pump System	ROB	14%
2025	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	23%
2025	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	23%
2025	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	40%
2025	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	40%
2025	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	84%
2025	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	84%
2025	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	27%
2025	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	27%
2025	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	25%
2025	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	69%
2025	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	69%
2025	C_Other	Com - Interior Network Connected LED Fixtures	NEW	1.625m
2025	C_Other	Com - Interior Network Connected LED Fixtures	ROB	1.625m
2025	C_Other	Com - Interior Network Connected LED Lamps	NEW	88.64u
2025	C_Other	Com - Interior Network Connected LED Lamps	ROB	88.64u
2025	C_Other	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Other	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Other	Com - Low-flow Faucet Aerator	NEW	65%
2025	C_Other	Com - Low-flow Faucet Aerator	RET	58%
2025	C_Other	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Other	Com - Packaged Terminal Air Conditioners	NEW	22%
2025	C_Other	Com - Packaged Terminal Air Conditioners	RET	24%
2025	C_Other	Com - Packaged Terminal Air Conditioners	ROB	22%
2025	C_Other	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Other	Com - Packaged Terminal Heat Pumps	RET	25%
2025	C_Other	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Other	Com - Pre-rinse Spray Valves	RET	36%
2025	C_Other	Com - Room Air Conditioners	NEW	23%
2025	C_Other	Com - Room Air Conditioners	RET	17%
2025	C_Other	Com - Room Air Conditioners	ROB	23%
2025	C_Other	Com - RTU with Demand Control	RET	3.979m
2025	C_Other	Com - Water Source Heat Pump	NEW	17%
2025	C_Other	Com - Water Source Heat Pump	ROB	17%
2025	C_Other	Com - Zero-Energy Doors	RET	68%
2025	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	70%
2025	C_Restaurant	Com - Custom cooling	NEW	35%
2025	C_Restaurant	Com - Custom cooling	RET	36%
2025	C_Restaurant	Com - Custom Lighting	NEW	52%
2025	C_Restaurant	Com - Custom motors	NEW	35%
2025	C_Restaurant	Com - Custom motors	RET	36%
2025	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	58%
2025	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	71%
2025	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	71%
2025	C_Restaurant	Com - Exterior LED fixture	NEW	93%
2025	C_Restaurant	Com - Exterior LED fixture	ROB	93%
2025	C_Restaurant	Com - Exterior LED Lamp	NEW	95%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Restaurant	Com - Exterior LED Lamp	ROB	95%
2025	C_Restaurant	Com - Exterior Lighting Controls	RET	44%
2025	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	47%
2025	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	47%
2025	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	44%
2025	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	44%
2025	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2025	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2025	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	61%
2025	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	61%
2025	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	75%
2025	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	75%
2025	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2025	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2025	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2025	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	81%
2025	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	81%
2025	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	2.018m
2025	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	2.018m
2025	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	5.216u
2025	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	5.216u
2025	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	64%
2025	C_Restaurant	Com - Low-flow Faucet Aerator	RET	58%
2025	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	27%
2025	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Restaurant	Com - Pre-rinse Spray Valves	RET	36%
2025	C_Restaurant	Com - Room Air Conditioners	NEW	4%
2025	C_Restaurant	Com - Room Air Conditioners	RET	10%
2025	C_Restaurant	Com - Room Air Conditioners	ROB	4%
2025	C_Restaurant	Com - RTU with Demand Control	RET	3.979m
2025	C_Restaurant	Com - Water Source Heat Pump	NEW	48%
2025	C_Restaurant	Com - Water Source Heat Pump	ROB	48%
2025	C_Restaurant	Com - Zero-Energy Doors	RET	50%
2025	C_Retail	Com - Anti-Sweat Heater Controls	RET	80%
2025	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	9.282m
2025	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	9.282m
2025	C_Retail	Com - Custom cooling	NEW	35%
2025	C_Retail	Com - Custom cooling	RET	36%
2025	C_Retail	Com - Custom Lighting	NEW	52%
2025	C_Retail	Com - Custom motors	NEW	35%
2025	C_Retail	Com - Custom motors	RET	36%
2025	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	7%
2025	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	7%
2025	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	31%
2025	C_Retail	Com - Exterior LED fixture	NEW	88%
2025	C_Retail	Com - Exterior LED fixture	ROB	88%
2025	C_Retail	Com - Exterior LED Lamp	NEW	92%
2025	C_Retail	Com - Exterior LED Lamp	ROB	92%
2025	C_Retail	Com - Exterior Lighting Controls	RET	46%
2025	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	2%
2025	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	2%
2025	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	9.393m
2025	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	9.393m
2025	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	35%
2025	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	35%
2025	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	63%
2025	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	63%
2025	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	64%
2025	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	64%
2025	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2025	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2025	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	23%
2025	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	63%
2025	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	63%
2025	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	1.738m
2025	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	1.738m
2025	C_Retail	Com - Interior Network Connected LED Lamps	NEW	39.19u
2025	C_Retail	Com - Interior Network Connected LED Lamps	ROB	39.19u
2025	C_Retail	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Retail	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_Retail	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	3%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	RET	12%
2025	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	3%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	22%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	RET	27%
2025	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	22%
2025	C_Retail	Com - Room Air Conditioners	NEW	4%
2025	C_Retail	Com - Room Air Conditioners	RET	11%
2025	C_Retail	Com - Room Air Conditioners	ROB	4%
2025	C_Retail	Com - RTU with Demand Control	RET	67%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Retail	Com - Water Source Heat Pump	NEW	2%
2025	C_Retail	Com - Water Source Heat Pump	ROB	2%
2025	C_Retail	Com - Zero-Energy Doors	RET	33%
2025	C_School	Com - Anti-Sweat Heater Controls	RET	70%
2025	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	34%
2025	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	34%
2025	C_School	Com - Custom cooling	NEW	35%
2025	C_School	Com - Custom cooling	RET	36%
2025	C_School	Com - Custom Lighting	NEW	52%
2025	C_School	Com - Custom motors	NEW	35%
2025	C_School	Com - Custom motors	RET	36%
2025	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	17%
2025	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2025	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2025	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	16%
2025	C_School	Com - Exterior LED fixture	NEW	2%
2025	C_School	Com - Exterior LED fixture	ROB	2%
2025	C_School	Com - Exterior LED Lamp	NEW	4%
2025	C_School	Com - Exterior LED Lamp	ROB	4%
2025	C_School	Com - High Efficiency Central Heat Pump System	NEW	4%
2025	C_School	Com - High Efficiency Central Heat Pump System	ROB	4%
2025	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2025	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2025	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2025	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2025	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2025	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2025	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	36%
2025	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	36%
2025	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2025	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2025	C_School	Com - Interior Network Connected LED Fixtures	NEW	1.158m
2025	C_School	Com - Interior Network Connected LED Fixtures	ROB	1.158m
2025	C_School	Com - Interior Network Connected LED Lamps	NEW	268u
2025	C_School	Com - Interior Network Connected LED Lamps	ROB	268u
2025	C_School	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_School	Com - LED Refrigerated Case Lighting	RET	9%
2025	C_School	Com - Low-flow Faucet Aerator	NEW	65%
2025	C_School	Com - Low-flow Faucet Aerator	RET	58%
2025	C_School	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_School	Com - Packaged Terminal Air Conditioners	NEW	3%
2025	C_School	Com - Packaged Terminal Air Conditioners	RET	4%
2025	C_School	Com - Packaged Terminal Air Conditioners	ROB	3%
2025	C_School	Com - Packaged Terminal Heat Pumps	NEW	21%
2025	C_School	Com - Packaged Terminal Heat Pumps	RET	22%
2025	C_School	Com - Packaged Terminal Heat Pumps	ROB	21%
2025	C_School	Com - Pre-rinse Spray Valves	RET	36%
2025	C_School	Com - Room Air Conditioners	NEW	3%
2025	C_School	Com - Room Air Conditioners	ROB	3%
2025	C_School	Com - RTU with Demand Control	RET	3.979m
2025	C_School	Com - Water Source Heat Pump	NEW	4%
2025	C_School	Com - Water Source Heat Pump	ROB	4%
2025	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	64%
2025	C_Warehouse	Com - Custom cooling	NEW	35%
2025	C_Warehouse	Com - Custom cooling	RET	36%
2025	C_Warehouse	Com - Custom Lighting	NEW	52%
2025	C_Warehouse	Com - Custom motors	NEW	35%
2025	C_Warehouse	Com - Custom motors	RET	36%
2025	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	5%
2025	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	5%
2025	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	17%
2025	C_Warehouse	Com - Exterior LED fixture	NEW	89%
2025	C_Warehouse	Com - Exterior LED fixture	ROB	89%
2025	C_Warehouse	Com - Exterior LED Lamp	NEW	92%
2025	C_Warehouse	Com - Exterior LED Lamp	ROB	92%
2025	C_Warehouse	Com - Exterior Lighting Controls	RET	43%
2025	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	1%
2025	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	1%
2025	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	21%
2025	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	21%
2025	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	59%
2025	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	59%
2025	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	62%
2025	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	62%
2025	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	17%
2025	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	17%
2025	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	34%
2025	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2025	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2025	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	2.408m
2025	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	2.408m
2025	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	20.69u
2025	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	20.69u
2025	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	8%
2025	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	9%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	66%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	22%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	25%
2025	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	22%
2025	C_Warehouse	Com - Room Air Conditioners	NEW	23%
2025	C_Warehouse	Com - Room Air Conditioners	RET	24%
2025	C_Warehouse	Com - Room Air Conditioners	ROB	23%
2025	C_Warehouse	Com - RTU with Demand Control	RET	3.979m
2025	C_Warehouse	Com - Water Source Heat Pump	NEW	2%
2025	C_Warehouse	Com - Water Source Heat Pump	ROB	2%
2025	C_Warehouse	Com - Zero-Energy Doors	RET	13%
2025	I_Agriculture	Ind - Air Compressor Optimization	RET	36%
2025	I_Agriculture	Ind - Dew Point Controls	RET	15%
2025	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	64%
2025	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	64%
2025	I_Agriculture	Ind - Mist Eliminators	RET	12%
2025	I_Agriculture	Ind - No Air Loss Drain	RET	17%
2025	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	60%
2025	I_Manufacturing	Ind - Air Compressor Optimization	RET	37%
2025	I_Manufacturing	Ind - Dew Point Controls	RET	15%
2025	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	67%
2025	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	67%
2025	I_Manufacturing	Ind - Mist Eliminators	RET	12%
2025	I_Manufacturing	Ind - No Air Loss Drain	RET	15%
2025	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	59%
2025	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	51%
2025	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2025	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	74%
2025	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	75%
2025	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1%
2025	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1%
2025	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	54%
2025	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	54%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	87%
2025	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	13%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	13%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	12%
2025	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	12%
2025	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	13%
2025	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	13%
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.434m
2025	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.434m
2025	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2025	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2025	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2025	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	67%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2025	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2025	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2025	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2025	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2025	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	69%
2025	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	50%
2025	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	80%
2025	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	61%
2025	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	49%
2025	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	48%
2025	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2025	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2025	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	20%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	50%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	49%
2025	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4.315m
2025	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	74%
2025	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	75%
2025	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1%
2025	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1%
2025	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	10%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2025	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET		10%
2025	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET		10%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		81%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		87%
2025	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		81%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		24%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		24%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		24%
2025	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		24%
2025	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW		1%
2025	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB		1%
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	3.157u	
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	3.157u	
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.434m	
2025	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.434m	
2025	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2025	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		53%
2025	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2025	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	13.35p	
2025	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	13.35p	
2025	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET		31%
2025	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET		30%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		67%
2025	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		67%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		47%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		83%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		47%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		47%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		83%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		47%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		47%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		83%
2025	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		47%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET		90%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET		90%
2025	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET		90%
2025	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		89%
2025	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		75%
2025	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW		81%
2025	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET		63%
2025	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.422m	
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		49%
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		49%
2025	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		48%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		4%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		4%
2025	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		4%
2025	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET		12%
2025	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET		5%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET		50%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET		49%
2025	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4.315m	
2025	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		74%
2025	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		75%
2025	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		1%
2025	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		1%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET		14%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET		14%
2025	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET		14%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		81%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		81%
2025	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET		87%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		4%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		4%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		4%
2025	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		4%
2025	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW		16%
2025	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB		16%
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.434m	
2025	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.434m	
2025	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2025	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		53%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2025	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2025	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2025	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2025	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	36%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2025	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	46%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	79%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	46%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	46%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	79%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	46%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	46%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	79%
2025	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	46%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2025	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2025	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	72%
2025	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	55%
2025	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	58%
2025	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	41%
2025	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	634.6u
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	37%
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	37%
2025	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	36%
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	16.06f
2025	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	5.867u
2025	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	12%
2025	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	5%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	53%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	52%
2025	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2025	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	74%
2025	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	75%
2025	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	1%
2025	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	1%
2025	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	56%
2025	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	56%
2025	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	56%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	87%
2025	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	35%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	35%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	34%
2025	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	34%
2025	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	5%
2025	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	5%
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.349m
2025	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.349m
2025	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2025	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	53%
2025	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2025	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2025	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2025	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	72%
2025	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	71%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2025	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		52%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		52%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		84%
2025	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		52%
2025	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET		35%
2025	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET		35%
2025	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET		35%
2025	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		83%
2025	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		66%
2025	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW		69%
2025	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET		49%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		46%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		46%
2025	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		45%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		25%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		25%
2025	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		25%
2025	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET		21%
2025	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET		14%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET		52%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET		51%
2025	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET		4%
2025	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		74%
2025	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		75%
2025	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		1%
2025	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		1%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET		58%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET		58%
2025	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET		58%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		81%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		87%
2025	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		81%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		17%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		17%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		17%
2025	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		17%
2025	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW		20%
2025	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB		20%
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	1.187m	
2025	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	1.187m	
2025	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2025	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		53%
2025	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2025	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2025	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2025	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET		73%
2025	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET		72%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		54%
2025	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		54%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		47%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		80%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		47%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		47%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		80%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		47%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		47%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		80%
2025	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		47%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET		48%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET		48%
2025	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET		48%
2025	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		70%
2025	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET		52%
2025	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW		57%
2025	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET		40%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		41%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		41%
2025	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		40%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW		11%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW		11%
2025	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW		11%
2025	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET		20%
2025	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET		13%
2026	C_College	Com - Anti-Sweat Heater Controls	RET		72%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2026	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		34%
2026	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		34%
2026	C_College	Com - Custom cooling	NEW		36%
2026	C_College	Com - Custom cooling	RET		40%
2026	C_College	Com - Custom Lighting	NEW		53%
2026	C_College	Com - Custom motors	NEW		36%
2026	C_College	Com - Custom motors	RET		40%
2026	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		19%
2026	C_College	Com - Direct Evaporative Pre-Cooling	NEW		7%
2026	C_College	Com - Direct Evaporative Pre-Cooling	ROB		7%
2026	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		20%
2026	C_College	Com - Exterior LED fixture	NEW		63%
2026	C_College	Com - Exterior LED fixture	ROB		63%
2026	C_College	Com - Exterior LED Lamp	NEW		74%
2026	C_College	Com - Exterior LED Lamp	ROB		74%
2026	C_College	Com - High Efficiency Central Heat Pump System	NEW		6%
2026	C_College	Com - High Efficiency Central Heat Pump System	ROB		6%
2026	C_College	Com - High Efficiency Packaged Air Conditioning	NEW		4%
2026	C_College	Com - High Efficiency Packaged Air Conditioning	ROB		4%
2026	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		37%
2026	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		37%
2026	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		38%
2026	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		38%
2026	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		82%
2026	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		82%
2026	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		40%
2026	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		40%
2026	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		73%
2026	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		73%
2026	C_College	Com - Interior Network Connected LED Fixtures	NEW	1.589m	
2026	C_College	Com - Interior Network Connected LED Fixtures	ROB	1.589m	
2026	C_College	Com - Interior Network Connected LED Lamps	NEW	213.7u	
2026	C_College	Com - Interior Network Connected LED Lamps	ROB	213.7u	
2026	C_College	Com - LED Refrigerated Case Lighting	NEW		8%
2026	C_College	Com - LED Refrigerated Case Lighting	RET		12%
2026	C_College	Com - New Construction - Lighting Power Density	NEW		66%
2026	C_College	Com - Packaged Terminal Air Conditioners	NEW		5%
2026	C_College	Com - Packaged Terminal Air Conditioners	RET		14%
2026	C_College	Com - Packaged Terminal Air Conditioners	ROB		5%
2026	C_College	Com - Packaged Terminal Heat Pumps	NEW		23%
2026	C_College	Com - Packaged Terminal Heat Pumps	RET		28%
2026	C_College	Com - Packaged Terminal Heat Pumps	ROB		23%
2026	C_College	Com - Room Air Conditioners	NEW		6%
2026	C_College	Com - Room Air Conditioners	RET		12%
2026	C_College	Com - Room Air Conditioners	ROB		6%
2026	C_College	Com - RTU with Demand Control	RET	7.566m	
2026	C_College	Com - Water Source Heat Pump	NEW		7%
2026	C_College	Com - Water Source Heat Pump	ROB		7%
2026	C_Grocery	Com - Anti-Sweat Heater Controls	RET		72%
2026	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		36%
2026	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		36%
2026	C_Grocery	Com - Custom cooling	NEW		36%
2026	C_Grocery	Com - Custom cooling	RET		40%
2026	C_Grocery	Com - Custom Lighting	NEW		53%
2026	C_Grocery	Com - Custom motors	NEW		36%
2026	C_Grocery	Com - Custom motors	RET		40%
2026	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		19%
2026	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW		8%
2026	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB		8%
2026	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		46%
2026	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW		72%
2026	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB		72%
2026	C_Grocery	Com - Exterior LED fixture	NEW		97%
2026	C_Grocery	Com - Exterior LED fixture	ROB		97%
2026	C_Grocery	Com - Exterior LED Lamp	NEW		98%
2026	C_Grocery	Com - Exterior LED Lamp	ROB		98%
2026	C_Grocery	Com - Exterior Lighting Controls	RET		33%
2026	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	9.837m	
2026	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	9.837m	
2026	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		35%
2026	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		35%
2026	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		64%
2026	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		64%
2026	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		79%
2026	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		79%
2026	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		34%
2026	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		34%
2026	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		33%
2026	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		84%
2026	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		84%
2026	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	2.849m	
2026	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	2.849m	
2026	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	28.09u	
2026	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	28.09u	
2026	C_Grocery	Com - LED Refrigerated Case Lighting	NEW		8%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Grocery	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Grocery	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	23%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	25%
2026	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	23%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	23%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	26%
2026	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	23%
2026	C_Grocery	Com - Pre-rinse Spray Valves	RET	40%
2026	C_Grocery	Com - Room Air Conditioners	NEW	25%
2026	C_Grocery	Com - Room Air Conditioners	RET	21%
2026	C_Grocery	Com - Room Air Conditioners	ROB	25%
2026	C_Grocery	Com - RTU with Demand Control	RET	7.566m
2026	C_Grocery	Com - Water Source Heat Pump	NEW	2%
2026	C_Grocery	Com - Water Source Heat Pump	ROB	2%
2026	C_Grocery	Com - Zero-Energy Doors	RET	23%
2026	C_Health	Com - Anti-Sweat Heater Controls	RET	58%
2026	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2026	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2026	C_Health	Com - Custom cooling	NEW	36%
2026	C_Health	Com - Custom cooling	RET	40%
2026	C_Health	Com - Custom Lighting	NEW	53%
2026	C_Health	Com - Custom motors	NEW	36%
2026	C_Health	Com - Custom motors	RET	40%
2026	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	19%
2026	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	8%
2026	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	8%
2026	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	25%
2026	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	72%
2026	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	72%
2026	C_Health	Com - Exterior LED fixture	NEW	65%
2026	C_Health	Com - Exterior LED fixture	ROB	65%
2026	C_Health	Com - Exterior LED Lamp	NEW	74%
2026	C_Health	Com - Exterior LED Lamp	ROB	74%
2026	C_Health	Com - Exterior Lighting Controls	RET	27%
2026	C_Health	Com - High Efficiency Central Heat Pump System	NEW	38%
2026	C_Health	Com - High Efficiency Central Heat Pump System	ROB	38%
2026	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	36%
2026	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	36%
2026	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	12%
2026	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	12%
2026	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	33%
2026	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	33%
2026	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2026	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2026	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	23%
2026	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	23%
2026	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	20%
2026	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	75%
2026	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	75%
2026	C_Health	Com - Interior Network Connected LED Fixtures	NEW	3.623m
2026	C_Health	Com - Interior Network Connected LED Fixtures	ROB	3.623m
2026	C_Health	Com - Interior Network Connected LED Lamps	NEW	21.99u
2026	C_Health	Com - Interior Network Connected LED Lamps	ROB	21.99u
2026	C_Health	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_Health	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Health	Com - Low-flow Faucet Aerator	NEW	64%
2026	C_Health	Com - Low-flow Faucet Aerator	RET	60%
2026	C_Health	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Health	Com - Packaged Terminal Air Conditioners	NEW	23%
2026	C_Health	Com - Packaged Terminal Air Conditioners	RET	27%
2026	C_Health	Com - Packaged Terminal Air Conditioners	ROB	23%
2026	C_Health	Com - Packaged Terminal Heat Pumps	NEW	23%
2026	C_Health	Com - Packaged Terminal Heat Pumps	RET	28%
2026	C_Health	Com - Packaged Terminal Heat Pumps	ROB	23%
2026	C_Health	Com - Pre-rinse Spray Valves	RET	40%
2026	C_Health	Com - Room Air Conditioners	NEW	25%
2026	C_Health	Com - Room Air Conditioners	RET	25%
2026	C_Health	Com - Room Air Conditioners	ROB	25%
2026	C_Health	Com - RTU with Demand Control	RET	7.566m
2026	C_Health	Com - Water Source Heat Pump	NEW	40%
2026	C_Health	Com - Water Source Heat Pump	ROB	40%
2026	C_Health	Com - Zero-Energy Doors	RET	14%
2026	C_Lodging	Com - Anti-Sweat Heater Controls	RET	68%
2026	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	61%
2026	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	61%
2026	C_Lodging	Com - Custom cooling	NEW	36%
2026	C_Lodging	Com - Custom cooling	RET	40%
2026	C_Lodging	Com - Custom Lighting	NEW	53%
2026	C_Lodging	Com - Custom motors	NEW	36%
2026	C_Lodging	Com - Custom motors	RET	40%
2026	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	19%
2026	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	8%
2026	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	8%
2026	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	39%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	72%
2026	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	72%
2026	C_Lodging	Com - Exterior LED fixture	NEW	81%
2026	C_Lodging	Com - Exterior LED fixture	ROB	81%
2026	C_Lodging	Com - Exterior LED Lamp	NEW	87%
2026	C_Lodging	Com - Exterior LED Lamp	ROB	87%
2026	C_Lodging	Com - Guest Room Energy Management	RET	29%
2026	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	40%
2026	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	40%
2026	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	38%
2026	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	38%
2026	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	55%
2026	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	55%
2026	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2026	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2026	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2026	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2026	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2026	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2026	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	63%
2026	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	63%
2026	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	994.7u
2026	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	994.7u
2026	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	419.3u
2026	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	419.3u
2026	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_Lodging	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Lodging	Com - Low-flow Faucet Aerator	NEW	64%
2026	C_Lodging	Com - Low-flow Faucet Aerator	RET	60%
2026	C_Lodging	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	24%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	29%
2026	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	24%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	24%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	30%
2026	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	24%
2026	C_Lodging	Com - Pre-rinse Spray Valves	RET	40%
2026	C_Lodging	Com - Room Air Conditioners	NEW	26%
2026	C_Lodging	Com - Room Air Conditioners	RET	28%
2026	C_Lodging	Com - Room Air Conditioners	ROB	26%
2026	C_Lodging	Com - RTU with Demand Control	RET	7.566m
2026	C_Lodging	Com - Water Source Heat Pump	NEW	41%
2026	C_Lodging	Com - Water Source Heat Pump	ROB	41%
2026	C_Lodging	Com - Zero-Energy Doors	RET	38%
2026	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	33%
2026	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	40%
2026	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	47%
2026	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	33%
2026	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	40%
2026	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2026	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	37%
2026	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	19%
2026	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	63%
2026	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	63%
2026	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	15%
2026	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	19%
2026	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	71%
2026	C_Office	Com - Anti-Sweat Heater Controls	RET	66%
2026	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	29%
2026	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	29%
2026	C_Office	Com - Custom cooling	NEW	36%
2026	C_Office	Com - Custom cooling	RET	40%
2026	C_Office	Com - Custom Lighting	NEW	53%
2026	C_Office	Com - Custom motors	NEW	36%
2026	C_Office	Com - Custom motors	RET	40%
2026	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	8%
2026	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	8%
2026	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	30%
2026	C_Office	Com - Exterior LED fixture	NEW	50%
2026	C_Office	Com - Exterior LED fixture	ROB	50%
2026	C_Office	Com - Exterior LED Lamp	NEW	61%
2026	C_Office	Com - Exterior LED Lamp	ROB	61%
2026	C_Office	Com - Exterior Lighting Controls	RET	33%
2026	C_Office	Com - High Efficiency Central Heat Pump System	NEW	2%
2026	C_Office	Com - High Efficiency Central Heat Pump System	ROB	2%
2026	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	6.889m
2026	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	6.889m
2026	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	41%
2026	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	41%
2026	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	54%
2026	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	54%
2026	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	75%
2026	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	75%
2026	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2026	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2026	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		31%
2026	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		68%
2026	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		68%
2026	C_Office	Com - Interior Network Connected LED Fixtures	NEW	1.587m	
2026	C_Office	Com - Interior Network Connected LED Fixtures	ROB	1.587m	
2026	C_Office	Com - Interior Network Connected LED Lamps	NEW	184u	
2026	C_Office	Com - Interior Network Connected LED Lamps	ROB	184u	
2026	C_Office	Com - LED Refrigerated Case Lighting	NEW		8%
2026	C_Office	Com - LED Refrigerated Case Lighting	RET		12%
2026	C_Office	Com - Low-flow Faucet Aerator	RET		83%
2026	C_Office	Com - New Construction - Lighting Power Density	NEW		66%
2026	C_Office	Com - Packaged Terminal Air Conditioners	NEW		23%
2026	C_Office	Com - Packaged Terminal Air Conditioners	RET		27%
2026	C_Office	Com - Packaged Terminal Air Conditioners	ROB		23%
2026	C_Office	Com - Packaged Terminal Heat Pumps	NEW		23%
2026	C_Office	Com - Packaged Terminal Heat Pumps	RET		28%
2026	C_Office	Com - Packaged Terminal Heat Pumps	ROB		23%
2026	C_Office	Com - Room Air Conditioners	NEW		25%
2026	C_Office	Com - Room Air Conditioners	RET		25%
2026	C_Office	Com - Room Air Conditioners	ROB		25%
2026	C_Office	Com - RTU with Demand Control	RET	7.566m	
2026	C_Office	Com - Water Source Heat Pump	NEW		3%
2026	C_Office	Com - Water Source Heat Pump	ROB		3%
2026	C_Office	Com - Zero-Energy Doors	RET		26%
2026	C_Other	Com - Anti-Sweat Heater Controls	RET		54%
2026	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		26%
2026	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		26%
2026	C_Other	Com - Custom cooling	NEW		36%
2026	C_Other	Com - Custom cooling	RET		40%
2026	C_Other	Com - Custom Lighting	NEW		53%
2026	C_Other	Com - Custom motors	NEW		36%
2026	C_Other	Com - Custom motors	RET		40%
2026	C_Other	Com - Direct Evaporative Pre-Cooling	NEW		8%
2026	C_Other	Com - Direct Evaporative Pre-Cooling	ROB		8%
2026	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		63%
2026	C_Other	Com - Exterior LED fixture	NEW		64%
2026	C_Other	Com - Exterior LED fixture	ROB		64%
2026	C_Other	Com - Exterior LED Lamp	NEW		74%
2026	C_Other	Com - Exterior LED Lamp	ROB		74%
2026	C_Other	Com - Exterior Lighting Controls	RET		29%
2026	C_Other	Com - High Efficiency Central Heat Pump System	NEW		14%
2026	C_Other	Com - High Efficiency Central Heat Pump System	ROB		14%
2026	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		24%
2026	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		24%
2026	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		42%
2026	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		42%
2026	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		84%
2026	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		84%
2026	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		27%
2026	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		27%
2026	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		26%
2026	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		70%
2026	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		70%
2026	C_Other	Com - Interior Network Connected LED Fixtures	NEW	2.173m	
2026	C_Other	Com - Interior Network Connected LED Fixtures	ROB	2.173m	
2026	C_Other	Com - Interior Network Connected LED Lamps	NEW	118.1u	
2026	C_Other	Com - Interior Network Connected LED Lamps	ROB	118.1u	
2026	C_Other	Com - LED Refrigerated Case Lighting	NEW		8%
2026	C_Other	Com - LED Refrigerated Case Lighting	RET		12%
2026	C_Other	Com - Low-flow Faucet Aerator	NEW		66%
2026	C_Other	Com - Low-flow Faucet Aerator	RET		61%
2026	C_Other	Com - New Construction - Lighting Power Density	NEW		66%
2026	C_Other	Com - Packaged Terminal Air Conditioners	NEW		23%
2026	C_Other	Com - Packaged Terminal Air Conditioners	RET		26%
2026	C_Other	Com - Packaged Terminal Air Conditioners	ROB		23%
2026	C_Other	Com - Packaged Terminal Heat Pumps	NEW		23%
2026	C_Other	Com - Packaged Terminal Heat Pumps	RET		28%
2026	C_Other	Com - Packaged Terminal Heat Pumps	ROB		23%
2026	C_Other	Com - Pre-rinse Spray Valves	RET		40%
2026	C_Other	Com - Room Air Conditioners	NEW		25%
2026	C_Other	Com - Room Air Conditioners	RET		19%
2026	C_Other	Com - Room Air Conditioners	ROB		25%
2026	C_Other	Com - RTU with Demand Control	RET	7.566m	
2026	C_Other	Com - Water Source Heat Pump	NEW		18%
2026	C_Other	Com - Water Source Heat Pump	ROB		18%
2026	C_Other	Com - Zero-Energy Doors	RET		69%
2026	C_Restaurant	Com - Anti-Sweat Heater Controls	RET		72%
2026	C_Restaurant	Com - Custom cooling	NEW		36%
2026	C_Restaurant	Com - Custom cooling	RET		40%
2026	C_Restaurant	Com - Custom Lighting	NEW		53%
2026	C_Restaurant	Com - Custom motors	NEW		36%
2026	C_Restaurant	Com - Custom motors	RET		40%
2026	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		19%
2026	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW		8%
2026	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB		8%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	61%
2026	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	72%
2026	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	72%
2026	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2026	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2026	C_Restaurant	Com - Exterior LED Lamp	NEW	96%
2026	C_Restaurant	Com - Exterior LED Lamp	ROB	96%
2026	C_Restaurant	Com - Exterior Lighting Controls	RET	46%
2026	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	48%
2026	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	48%
2026	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	45%
2026	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	45%
2026	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	40%
2026	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	40%
2026	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	62%
2026	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	62%
2026	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	76%
2026	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	76%
2026	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2026	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2026	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	49%
2026	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2026	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2026	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	2.695m
2026	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	2.695m
2026	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	6.901u
2026	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	6.901u
2026	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	64%
2026	C_Restaurant	Com - Low-flow Faucet Aerator	RET	60%
2026	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	24%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	30%
2026	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	24%
2026	C_Restaurant	Com - Pre-rinse Spray Valves	RET	40%
2026	C_Restaurant	Com - Room Air Conditioners	NEW	6%
2026	C_Restaurant	Com - Room Air Conditioners	RET	13%
2026	C_Restaurant	Com - Room Air Conditioners	ROB	6%
2026	C_Restaurant	Com - RTU with Demand Control	RET	7.566m
2026	C_Restaurant	Com - Water Source Heat Pump	NEW	48%
2026	C_Restaurant	Com - Water Source Heat Pump	ROB	48%
2026	C_Restaurant	Com - Zero-Energy Doors	RET	52%
2026	C_Retail	Com - Anti-Sweat Heater Controls	RET	81%
2026	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	1%
2026	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	1%
2026	C_Retail	Com - Custom cooling	NEW	36%
2026	C_Retail	Com - Custom cooling	RET	40%
2026	C_Retail	Com - Custom Lighting	NEW	53%
2026	C_Retail	Com - Custom motors	NEW	36%
2026	C_Retail	Com - Custom motors	RET	40%
2026	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	7%
2026	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	7%
2026	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2026	C_Retail	Com - Exterior LED fixture	NEW	89%
2026	C_Retail	Com - Exterior LED fixture	ROB	89%
2026	C_Retail	Com - Exterior LED Lamp	NEW	93%
2026	C_Retail	Com - Exterior LED Lamp	ROB	93%
2026	C_Retail	Com - Exterior Lighting Controls	RET	48%
2026	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	2%
2026	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	2%
2026	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	1%
2026	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	1%
2026	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	35%
2026	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	35%
2026	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	64%
2026	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	64%
2026	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	65%
2026	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	65%
2026	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	37%
2026	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	37%
2026	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	25%
2026	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	65%
2026	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	65%
2026	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	2.321m
2026	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	2.321m
2026	C_Retail	Com - Interior Network Connected LED Lamps	NEW	52.19u
2026	C_Retail	Com - Interior Network Connected LED Lamps	ROB	52.19u
2026	C_Retail	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_Retail	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Retail	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	5%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	RET	15%
2026	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	5%
2026	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	24%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Retail	Com - Packaged Terminal Heat Pumps	RET	30%
2026	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	24%
2026	C_Retail	Com - Room Air Conditioners	NEW	6%
2026	C_Retail	Com - Room Air Conditioners	RET	14%
2026	C_Retail	Com - Room Air Conditioners	ROB	6%
2026	C_Retail	Com - RTU with Demand Control	RET	67%
2026	C_Retail	Com - Water Source Heat Pump	NEW	3%
2026	C_Retail	Com - Water Source Heat Pump	ROB	3%
2026	C_Retail	Com - Zero-Energy Doors	RET	36%
2026	C_School	Com - Anti-Sweat Heater Controls	RET	72%
2026	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	34%
2026	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	34%
2026	C_School	Com - Custom cooling	NEW	36%
2026	C_School	Com - Custom cooling	RET	40%
2026	C_School	Com - Custom Lighting	NEW	53%
2026	C_School	Com - Custom motors	NEW	36%
2026	C_School	Com - Custom motors	RET	40%
2026	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	19%
2026	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2026	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2026	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	20%
2026	C_School	Com - Exterior LED fixture	NEW	3%
2026	C_School	Com - Exterior LED fixture	ROB	3%
2026	C_School	Com - Exterior LED Lamp	NEW	6%
2026	C_School	Com - Exterior LED Lamp	ROB	6%
2026	C_School	Com - High Efficiency Central Heat Pump System	NEW	4%
2026	C_School	Com - High Efficiency Central Heat Pump System	ROB	4%
2026	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2026	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2026	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	55%
2026	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	55%
2026	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	72%
2026	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	72%
2026	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	37%
2026	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	37%
2026	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2026	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2026	C_School	Com - Interior Network Connected LED Fixtures	NEW	1.548m
2026	C_School	Com - Interior Network Connected LED Fixtures	ROB	1.548m
2026	C_School	Com - Interior Network Connected LED Lamps	NEW	358.9u
2026	C_School	Com - Interior Network Connected LED Lamps	ROB	358.9u
2026	C_School	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_School	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_School	Com - Low-flow Faucet Aerator	NEW	65%
2026	C_School	Com - Low-flow Faucet Aerator	RET	61%
2026	C_School	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_School	Com - Packaged Terminal Air Conditioners	NEW	4%
2026	C_School	Com - Packaged Terminal Air Conditioners	RET	5%
2026	C_School	Com - Packaged Terminal Air Conditioners	ROB	4%
2026	C_School	Com - Packaged Terminal Heat Pumps	NEW	23%
2026	C_School	Com - Packaged Terminal Heat Pumps	RET	24%
2026	C_School	Com - Packaged Terminal Heat Pumps	ROB	23%
2026	C_School	Com - Pre-rinse Spray Valves	RET	40%
2026	C_School	Com - Room Air Conditioners	NEW	5%
2026	C_School	Com - Room Air Conditioners	RET	1.84m
2026	C_School	Com - Room Air Conditioners	ROB	5%
2026	C_School	Com - RTU with Demand Control	RET	7.566m
2026	C_School	Com - Water Source Heat Pump	NEW	5%
2026	C_School	Com - Water Source Heat Pump	ROB	5%
2026	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	66%
2026	C_Warehouse	Com - Custom cooling	NEW	36%
2026	C_Warehouse	Com - Custom cooling	RET	40%
2026	C_Warehouse	Com - Custom Lighting	NEW	53%
2026	C_Warehouse	Com - Custom motors	NEW	36%
2026	C_Warehouse	Com - Custom motors	RET	40%
2026	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%
2026	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	6%
2026	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	22%
2026	C_Warehouse	Com - Exterior LED fixture	NEW	89%
2026	C_Warehouse	Com - Exterior LED fixture	ROB	89%
2026	C_Warehouse	Com - Exterior LED Lamp	NEW	93%
2026	C_Warehouse	Com - Exterior LED Lamp	ROB	93%
2026	C_Warehouse	Com - Exterior Lighting Controls	RET	45%
2026	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	2%
2026	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	2%
2026	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW	1.942m
2026	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB	1.942m
2026	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	22%
2026	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	22%
2026	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	60%
2026	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	60%
2026	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	63%
2026	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	63%
2026	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	18%
2026	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	18%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2026	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2026	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2026	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	3.226m
2026	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	3.226m
2026	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	27.48u
2026	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	27.48u
2026	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	8%
2026	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	12%
2026	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	66%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	23%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	28%
2026	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	23%
2026	C_Warehouse	Com - Room Air Conditioners	NEW	26%
2026	C_Warehouse	Com - Room Air Conditioners	RET	26%
2026	C_Warehouse	Com - Room Air Conditioners	ROB	26%
2026	C_Warehouse	Com - RTU with Demand Control	RET	7.566m
2026	C_Warehouse	Com - Water Source Heat Pump	NEW	3%
2026	C_Warehouse	Com - Water Source Heat Pump	ROB	3%
2026	C_Warehouse	Com - Zero-Energy Doors	RET	17%
2026	I_Agriculture	Ind - Air Compressor Optimization	RET	37%
2026	I_Agriculture	Ind - Dew Point Controls	RET	19%
2026	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	66%
2026	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	66%
2026	I_Agriculture	Ind - Mist Eliminators	RET	15%
2026	I_Agriculture	Ind - No Air Loss Drain	RET	22%
2026	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	71%
2026	I_Manufacturing	Ind - Air Compressor Optimization	RET	39%
2026	I_Manufacturing	Ind - Dew Point Controls	RET	19%
2026	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	69%
2026	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	69%
2026	I_Manufacturing	Ind - Mist Eliminators	RET	15%
2026	I_Manufacturing	Ind - No Air Loss Drain	RET	19%
2026	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	70%
2026	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	57%
2026	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2026	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	77%
2026	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	79%
2026	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2%
2026	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2%
2026	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	61%
2026	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	61%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	88%
2026	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	15%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	15%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	15%
2026	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	15%
2026	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	14%
2026	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	14%
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	2.586m
2026	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	2.586m
2026	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2026	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2026	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2026	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2026	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	85%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	85%
2026	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2026	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2026	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2026	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	72%
2026	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	52%
2026	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	82%
2026	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	63%
2026	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	55%
2026	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	55%
2026	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2026	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	22%
2026	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	12%
2026	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	12%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	56%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	55%
2026	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4.784m
2026	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	77%
2026	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	79%
2026	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2%
2026	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	12%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	12%
2026	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	12%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	88%
2026	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	26%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	26%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	26%
2026	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	26%
2026	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	3%
2026	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	3%
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	10.12u
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	10.12u
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	2.586m
2026	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	2.586m
2026	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2026	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	39.99p
2026	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	39.99p
2026	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	31%
2026	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	31%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2026	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	49%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	85%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	49%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	49%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	85%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	49%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	49%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	85%
2026	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	49%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2026	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2026	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	89%
2026	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	77%
2026	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	83%
2026	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	65%
2026	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.486m
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	57%
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2026	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	56%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2026	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2026	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2026	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2026	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	26%
2026	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	56%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	55%
2026	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4.784m
2026	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	77%
2026	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	79%
2026	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2%
2026	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	15%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	15%
2026	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	15%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2026	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	88%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	6%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	6%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	6%
2026	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	6%
2026	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	17%
2026	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	17%
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	2.586m
2026	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	2.586m
2026	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2026	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2026	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2026	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	37%
2026	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	37%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2026	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	47%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	82%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	47%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	47%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	82%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	47%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	47%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	82%
2026	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	47%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2026	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2026	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	74%
2026	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	57%
2026	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	61%
2026	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	44%
2026	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	662.5u
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	47%
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	47%
2026	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	46%
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25.4f
2026	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	8.912u
2026	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	14%
2026	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2026	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	20%
2026	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	20%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	59%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	58%
2026	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2026	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	77%
2026	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	79%
2026	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2%
2026	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2%
2026	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	63%
2026	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	63%
2026	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	63%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	88%
2026	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	37%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	37%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	36%
2026	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	36%
2026	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	6%
2026	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	6%
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	2.433m
2026	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	2.433m
2026	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2026	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2026	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2026	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	75%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2026	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	74%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2026	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	86%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%
2026	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2026	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2026	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2026	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2026	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	84%
2026	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	68%
2026	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	72%
2026	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	52%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	51%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	51%
2026	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	50%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2026	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	25%
2026	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	22%
2026	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2026	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	16%
2026	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	16%
2026	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	58%
2026	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	56%
2026	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2026	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	77%
2026	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	79%
2026	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	2%
2026	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	2%
2026	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	64%
2026	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	64%
2026	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	64%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	81%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	88%
2026	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	81%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	20%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	20%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	19%
2026	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	19%
2026	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	21%
2026	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	21%
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	2.14m
2026	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	2.14m
2026	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2026	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	62%
2026	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2026	R_Single Family Low Inco	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2026	R_Single Family Low Inco	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2026	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	76%
2026	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	75%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2026	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	49%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	82%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	49%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	49%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	82%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	49%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	49%
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	82%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2026	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		49%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET		48%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET		48%
2026	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET		48%
2026	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		72%
2026	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET		55%
2026	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW		61%
2026	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET		43%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		49%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		49%
2026	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		48%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW		11%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW		11%
2026	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW		11%
2026	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET		21%
2026	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET		14%
2026	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW		15%
2026	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET		15%
2027	C_College	Com - Anti-Sweat Heater Controls	RET		74%
2027	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		35%
2027	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		35%
2027	C_College	Com - Custom cooling	NEW		37%
2027	C_College	Com - Custom cooling	RET		44%
2027	C_College	Com - Custom Lighting	NEW		55%
2027	C_College	Com - Custom motors	NEW		37%
2027	C_College	Com - Custom motors	RET		44%
2027	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		10%
2027	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		21%
2027	C_College	Com - Direct Evaporative Pre-Cooling	NEW		8%
2027	C_College	Com - Direct Evaporative Pre-Cooling	ROB		8%
2027	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		25%
2027	C_College	Com - Exterior LED fixture	NEW		65%
2027	C_College	Com - Exterior LED fixture	ROB		65%
2027	C_College	Com - Exterior LED Lamp	NEW		76%
2027	C_College	Com - Exterior LED Lamp	ROB		76%
2027	C_College	Com - Exterior Lighting Controls	RET		29%
2027	C_College	Com - High Efficiency Central Heat Pump System	NEW		6%
2027	C_College	Com - High Efficiency Central Heat Pump System	ROB		6%
2027	C_College	Com - High Efficiency Packaged Air Conditioning	NEW		5%
2027	C_College	Com - High Efficiency Packaged Air Conditioning	ROB		5%
2027	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		38%
2027	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		38%
2027	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		39%
2027	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		39%
2027	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		82%
2027	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		82%
2027	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		41%
2027	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		41%
2027	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		29%
2027	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		74%
2027	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		74%
2027	C_College	Com - Interior Network Connected LED Fixtures	NEW	2.063m	
2027	C_College	Com - Interior Network Connected LED Fixtures	ROB	2.063m	
2027	C_College	Com - Interior Network Connected LED Lamps	NEW	277.2u	
2027	C_College	Com - Interior Network Connected LED Lamps	ROB	277.2u	
2027	C_College	Com - LED Refrigerated Case Lighting	NEW		8%
2027	C_College	Com - LED Refrigerated Case Lighting	RET		14%
2027	C_College	Com - New Construction - Lighting Power Density	NEW		67%
2027	C_College	Com - Packaged Terminal Air Conditioners	NEW		6%
2027	C_College	Com - Packaged Terminal Air Conditioners	RET		17%
2027	C_College	Com - Packaged Terminal Air Conditioners	ROB		6%
2027	C_College	Com - Packaged Terminal Heat Pumps	NEW		25%
2027	C_College	Com - Packaged Terminal Heat Pumps	RET		30%
2027	C_College	Com - Packaged Terminal Heat Pumps	ROB		25%
2027	C_College	Com - Room Air Conditioners	NEW		8%
2027	C_College	Com - Room Air Conditioners	RET		14%
2027	C_College	Com - Room Air Conditioners	ROB		8%
2027	C_College	Com - RTU with Demand Control	RET		1%
2027	C_College	Com - Water Source Heat Pump	NEW		8%
2027	C_College	Com - Water Source Heat Pump	ROB		8%
2027	C_Grocery	Com - Anti-Sweat Heater Controls	RET		74%
2027	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		37%
2027	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		37%
2027	C_Grocery	Com - Custom cooling	NEW		37%
2027	C_Grocery	Com - Custom cooling	RET		44%
2027	C_Grocery	Com - Custom Lighting	NEW		55%
2027	C_Grocery	Com - Custom motors	NEW		37%
2027	C_Grocery	Com - Custom motors	RET		44%
2027	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		10%
2027	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		21%
2027	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW		8%
2027	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB		8%
2027	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		49%
2027	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW		73%
2027	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB		73%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2027	C_Grocery	Com - Exterior LED fixture	NEW		98%
2027	C_Grocery	Com - Exterior LED fixture	ROB		98%
2027	C_Grocery	Com - Exterior LED Lamp	NEW		99%
2027	C_Grocery	Com - Exterior LED Lamp	ROB		99%
2027	C_Grocery	Com - Exterior Lighting Controls	RET		36%
2027	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW		1%
2027	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB		1%
2027	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	363.4u	
2027	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	363.4u	
2027	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		36%
2027	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		36%
2027	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		64%
2027	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		64%
2027	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		79%
2027	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		79%
2027	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		35%
2027	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		35%
2027	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		36%
2027	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		85%
2027	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		85%
2027	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	3.698m	
2027	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	3.698m	
2027	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	36.09u	
2027	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	36.09u	
2027	C_Grocery	Com - LED Refrigerated Case Lighting	NEW		8%
2027	C_Grocery	Com - LED Refrigerated Case Lighting	RET		14%
2027	C_Grocery	Com - New Construction - Lighting Power Density	NEW		67%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW		25%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	RET		27%
2027	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB		25%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW		25%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	RET		28%
2027	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB		25%
2027	C_Grocery	Com - Pre-rinse Spray Valves	RET		44%
2027	C_Grocery	Com - Room Air Conditioners	NEW		27%
2027	C_Grocery	Com - Room Air Conditioners	RET		22%
2027	C_Grocery	Com - Room Air Conditioners	ROB		27%
2027	C_Grocery	Com - RTU with Demand Control	RET		1%
2027	C_Grocery	Com - Water Source Heat Pump	NEW		3%
2027	C_Grocery	Com - Water Source Heat Pump	ROB		3%
2027	C_Grocery	Com - Zero-Energy Doors	RET		26%
2027	C_Health	Com - Anti-Sweat Heater Controls	RET		61%
2027	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		63%
2027	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		63%
2027	C_Health	Com - Custom cooling	NEW		37%
2027	C_Health	Com - Custom cooling	RET		44%
2027	C_Health	Com - Custom Lighting	NEW		55%
2027	C_Health	Com - Custom motors	NEW		37%
2027	C_Health	Com - Custom motors	RET		44%
2027	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		10%
2027	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		21%
2027	C_Health	Com - Direct Evaporative Pre-Cooling	NEW		9%
2027	C_Health	Com - Direct Evaporative Pre-Cooling	ROB		9%
2027	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		29%
2027	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW		73%
2027	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB		73%
2027	C_Health	Com - Exterior LED fixture	NEW		66%
2027	C_Health	Com - Exterior LED fixture	ROB		66%
2027	C_Health	Com - Exterior LED Lamp	NEW		77%
2027	C_Health	Com - Exterior LED Lamp	ROB		77%
2027	C_Health	Com - Exterior Lighting Controls	RET		31%
2027	C_Health	Com - High Efficiency Central Heat Pump System	NEW		39%
2027	C_Health	Com - High Efficiency Central Heat Pump System	ROB		39%
2027	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW		36%
2027	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB		36%
2027	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		13%
2027	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		13%
2027	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		35%
2027	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		35%
2027	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		67%
2027	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		67%
2027	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		24%
2027	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		24%
2027	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		24%
2027	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		76%
2027	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		76%
2027	C_Health	Com - Interior Network Connected LED Fixtures	NEW	4.719m	
2027	C_Health	Com - Interior Network Connected LED Fixtures	ROB	4.719m	
2027	C_Health	Com - Interior Network Connected LED Lamps	NEW	28.26u	
2027	C_Health	Com - Interior Network Connected LED Lamps	ROB	28.26u	
2027	C_Health	Com - LED Refrigerated Case Lighting	NEW		8%
2027	C_Health	Com - LED Refrigerated Case Lighting	RET		14%
2027	C_Health	Com - Low-flow Faucet Aerator	NEW		64%
2027	C_Health	Com - Low-flow Faucet Aerator	RET		62%
2027	C_Health	Com - New Construction - Lighting Power Density	NEW		67%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Health	Com - Packaged Terminal Air Conditioners	NEW	25%
2027	C_Health	Com - Packaged Terminal Air Conditioners	RET	29%
2027	C_Health	Com - Packaged Terminal Air Conditioners	ROB	25%
2027	C_Health	Com - Packaged Terminal Heat Pumps	NEW	25%
2027	C_Health	Com - Packaged Terminal Heat Pumps	RET	30%
2027	C_Health	Com - Packaged Terminal Heat Pumps	ROB	25%
2027	C_Health	Com - Pre-rinse Spray Valves	RET	44%
2027	C_Health	Com - Room Air Conditioners	NEW	28%
2027	C_Health	Com - Room Air Conditioners	RET	27%
2027	C_Health	Com - Room Air Conditioners	ROB	28%
2027	C_Health	Com - RTU with Demand Control	RET	1%
2027	C_Health	Com - Water Source Heat Pump	NEW	41%
2027	C_Health	Com - Water Source Heat Pump	ROB	41%
2027	C_Health	Com - Zero-Energy Doors	RET	17%
2027	C_Lodging	Com - Anti-Sweat Heater Controls	RET	70%
2027	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	61%
2027	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	61%
2027	C_Lodging	Com - Custom cooling	NEW	37%
2027	C_Lodging	Com - Custom cooling	RET	44%
2027	C_Lodging	Com - Custom Lighting	NEW	55%
2027	C_Lodging	Com - Custom motors	NEW	37%
2027	C_Lodging	Com - Custom motors	RET	44%
2027	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	10%
2027	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	21%
2027	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	9%
2027	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	9%
2027	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	42%
2027	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2027	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2027	C_Lodging	Com - Exterior LED fixture	NEW	82%
2027	C_Lodging	Com - Exterior LED fixture	ROB	82%
2027	C_Lodging	Com - Exterior LED Lamp	NEW	88%
2027	C_Lodging	Com - Exterior LED Lamp	ROB	88%
2027	C_Lodging	Com - Exterior Lighting Controls	RET	28%
2027	C_Lodging	Com - Guest Room Energy Management	RET	32%
2027	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	41%
2027	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	41%
2027	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	39%
2027	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	39%
2027	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	55%
2027	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	55%
2027	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2027	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2027	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2027	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2027	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	40%
2027	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	40%
2027	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	12%
2027	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	64%
2027	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	64%
2027	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	1.285m
2027	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	1.285m
2027	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	543.1u
2027	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	543.1u
2027	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	8%
2027	C_Lodging	Com - LED Refrigerated Case Lighting	RET	14%
2027	C_Lodging	Com - Low-flow Faucet Aerator	NEW	64%
2027	C_Lodging	Com - Low-flow Faucet Aerator	RET	62%
2027	C_Lodging	Com - New Construction - Lighting Power Density	NEW	67%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	25%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	32%
2027	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	25%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	25%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	33%
2027	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	25%
2027	C_Lodging	Com - Pre-rinse Spray Valves	RET	44%
2027	C_Lodging	Com - Room Air Conditioners	NEW	28%
2027	C_Lodging	Com - Room Air Conditioners	RET	31%
2027	C_Lodging	Com - Room Air Conditioners	ROB	28%
2027	C_Lodging	Com - RTU with Demand Control	RET	1%
2027	C_Lodging	Com - Water Source Heat Pump	NEW	42%
2027	C_Lodging	Com - Water Source Heat Pump	ROB	42%
2027	C_Lodging	Com - Zero-Energy Doors	RET	40%
2027	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	33%
2027	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	44%
2027	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	48%
2027	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	33%
2027	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	44%
2027	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2027	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	39%
2027	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	23%
2027	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	64%
2027	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	64%
2027	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	18%
2027	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	23%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2027	C_Mining/Oil & Gas Extra Ind	- VFDs on Industrial Fans and Pumps	RET		79%
2027	C_Office	Com - Anti-Sweat Heater Controls	RET		68%
2027	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		30%
2027	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		30%
2027	C_Office	Com - Custom cooling	NEW		37%
2027	C_Office	Com - Custom cooling	RET		44%
2027	C_Office	Com - Custom Lighting	NEW		55%
2027	C_Office	Com - Custom motors	NEW		37%
2027	C_Office	Com - Custom motors	RET		44%
2027	C_Office	Com - Direct Evaporative Pre-Cooling	NEW		9%
2027	C_Office	Com - Direct Evaporative Pre-Cooling	ROB		9%
2027	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		34%
2027	C_Office	Com - Exterior LED fixture	NEW		52%
2027	C_Office	Com - Exterior LED fixture	ROB		52%
2027	C_Office	Com - Exterior LED Lamp	NEW		65%
2027	C_Office	Com - Exterior LED Lamp	ROB		65%
2027	C_Office	Com - Exterior Lighting Controls	RET		35%
2027	C_Office	Com - High Efficiency Central Heat Pump System	NEW		2%
2027	C_Office	Com - High Efficiency Central Heat Pump System	ROB		2%
2027	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW		1%
2027	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB		1%
2027	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		42%
2027	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		42%
2027	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		55%
2027	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		55%
2027	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		75%
2027	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		75%
2027	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		40%
2027	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		40%
2027	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		32%
2027	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		70%
2027	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		70%
2027	C_Office	Com - Interior Network Connected LED Fixtures	NEW	2.056m	
2027	C_Office	Com - Interior Network Connected LED Fixtures	ROB	2.056m	
2027	C_Office	Com - Interior Network Connected LED Lamps	NEW	238u	
2027	C_Office	Com - Interior Network Connected LED Lamps	ROB	238u	
2027	C_Office	Com - LED Refrigerated Case Lighting	NEW		8%
2027	C_Office	Com - LED Refrigerated Case Lighting	RET		14%
2027	C_Office	Com - Low-flow Faucet Aerator	RET		84%
2027	C_Office	Com - New Construction - Lighting Power Density	NEW		67%
2027	C_Office	Com - Packaged Terminal Air Conditioners	NEW		25%
2027	C_Office	Com - Packaged Terminal Air Conditioners	RET		29%
2027	C_Office	Com - Packaged Terminal Air Conditioners	ROB		25%
2027	C_Office	Com - Packaged Terminal Heat Pumps	NEW		25%
2027	C_Office	Com - Packaged Terminal Heat Pumps	RET		31%
2027	C_Office	Com - Packaged Terminal Heat Pumps	ROB		25%
2027	C_Office	Com - Room Air Conditioners	NEW		28%
2027	C_Office	Com - Room Air Conditioners	RET		27%
2027	C_Office	Com - Room Air Conditioners	ROB		28%
2027	C_Office	Com - RTU with Demand Control	RET		1%
2027	C_Office	Com - Water Source Heat Pump	NEW		3%
2027	C_Office	Com - Water Source Heat Pump	ROB		3%
2027	C_Office	Com - Zero-Energy Doors	RET		28%
2027	C_Other	Com - Anti-Sweat Heater Controls	RET		57%
2027	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		26%
2027	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		26%
2027	C_Other	Com - Custom cooling	NEW		37%
2027	C_Other	Com - Custom cooling	RET		44%
2027	C_Other	Com - Custom Lighting	NEW		55%
2027	C_Other	Com - Custom motors	NEW		37%
2027	C_Other	Com - Custom motors	RET		44%
2027	C_Other	Com - Direct Evaporative Pre-Cooling	NEW		8%
2027	C_Other	Com - Direct Evaporative Pre-Cooling	ROB		8%
2027	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		65%
2027	C_Other	Com - Exterior LED fixture	NEW		65%
2027	C_Other	Com - Exterior LED fixture	ROB		65%
2027	C_Other	Com - Exterior LED Lamp	NEW		76%
2027	C_Other	Com - Exterior LED Lamp	ROB		76%
2027	C_Other	Com - Exterior Lighting Controls	RET		31%
2027	C_Other	Com - High Efficiency Central Heat Pump System	NEW		15%
2027	C_Other	Com - High Efficiency Central Heat Pump System	ROB		15%
2027	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		25%
2027	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		25%
2027	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		43%
2027	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		43%
2027	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		85%
2027	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		85%
2027	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		28%
2027	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		28%
2027	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		29%
2027	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		72%
2027	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		72%
2027	C_Other	Com - Interior Network Connected LED Fixtures	NEW	2.82m	
2027	C_Other	Com - Interior Network Connected LED Fixtures	ROB	2.82m	
2027	C_Other	Com - Interior Network Connected LED Lamps	NEW	152.6u	

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Other	Com - Interior Network Connected LED Lamps	ROB	152.6u
2027	C_Other	Com - LED Refrigerated Case Lighting	NEW	8%
2027	C_Other	Com - LED Refrigerated Case Lighting	RET	14%
2027	C_Other	Com - Low-flow Faucet Aerator	NEW	66%
2027	C_Other	Com - Low-flow Faucet Aerator	RET	63%
2027	C_Other	Com - New Construction - Lighting Power Density	NEW	67%
2027	C_Other	Com - Packaged Terminal Air Conditioners	NEW	25%
2027	C_Other	Com - Packaged Terminal Air Conditioners	RET	28%
2027	C_Other	Com - Packaged Terminal Air Conditioners	ROB	25%
2027	C_Other	Com - Packaged Terminal Heat Pumps	NEW	25%
2027	C_Other	Com - Packaged Terminal Heat Pumps	RET	30%
2027	C_Other	Com - Packaged Terminal Heat Pumps	ROB	25%
2027	C_Other	Com - Pre-rinse Spray Valves	RET	44%
2027	C_Other	Com - Room Air Conditioners	NEW	27%
2027	C_Other	Com - Room Air Conditioners	RET	21%
2027	C_Other	Com - Room Air Conditioners	ROB	27%
2027	C_Other	Com - RTU with Demand Control	RET	1%
2027	C_Other	Com - Water Source Heat Pump	NEW	19%
2027	C_Other	Com - Water Source Heat Pump	ROB	19%
2027	C_Other	Com - Zero-Energy Doors	RET	71%
2027	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	74%
2027	C_Restaurant	Com - Custom cooling	NEW	37%
2027	C_Restaurant	Com - Custom cooling	RET	44%
2027	C_Restaurant	Com - Custom Lighting	NEW	55%
2027	C_Restaurant	Com - Custom motors	NEW	37%
2027	C_Restaurant	Com - Custom motors	RET	44%
2027	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	10%
2027	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	21%
2027	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	8%
2027	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	8%
2027	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	63%
2027	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	73%
2027	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	73%
2027	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2027	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2027	C_Restaurant	Com - Exterior LED Lamp	NEW	96%
2027	C_Restaurant	Com - Exterior LED Lamp	ROB	96%
2027	C_Restaurant	Com - Exterior Lighting Controls	RET	48%
2027	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	48%
2027	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	48%
2027	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	45%
2027	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	45%
2027	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	41%
2027	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	41%
2027	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	63%
2027	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	63%
2027	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2027	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2027	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2027	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2027	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	51%
2027	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	83%
2027	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	83%
2027	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	3.493m
2027	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	3.493m
2027	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	8.839u
2027	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	8.839u
2027	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	8%
2027	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	14%
2027	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	64%
2027	C_Restaurant	Com - Low-flow Faucet Aerator	RET	62%
2027	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	25%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	32%
2027	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	25%
2027	C_Restaurant	Com - Pre-rinse Spray Valves	RET	44%
2027	C_Restaurant	Com - Room Air Conditioners	NEW	8%
2027	C_Restaurant	Com - Room Air Conditioners	RET	15%
2027	C_Restaurant	Com - Room Air Conditioners	ROB	8%
2027	C_Restaurant	Com - RTU with Demand Control	RET	1%
2027	C_Restaurant	Com - Water Source Heat Pump	NEW	49%
2027	C_Restaurant	Com - Water Source Heat Pump	ROB	49%
2027	C_Restaurant	Com - Zero-Energy Doors	RET	54%
2027	C_Retail	Com - Anti-Sweat Heater Controls	RET	83%
2027	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	2%
2027	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	2%
2027	C_Retail	Com - Custom cooling	NEW	37%
2027	C_Retail	Com - Custom cooling	RET	44%
2027	C_Retail	Com - Custom Lighting	NEW	55%
2027	C_Retail	Com - Custom motors	NEW	37%
2027	C_Retail	Com - Custom motors	RET	44%
2027	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	8%
2027	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	8%
2027	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	38%
2027	C_Retail	Com - Exterior LED fixture	NEW	89%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	C_Retail	Com - Exterior LED fixture	ROB	89%
2027	C_Retail	Com - Exterior LED Lamp	NEW	94%
2027	C_Retail	Com - Exterior LED Lamp	ROB	94%
2027	C_Retail	Com - Exterior Lighting Controls	RET	50%
2027	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	3%
2027	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	3%
2027	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2027	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2027	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	36%
2027	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	36%
2027	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	64%
2027	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	64%
2027	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2027	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2027	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	38%
2027	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	38%
2027	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	27%
2027	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2027	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2027	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	3.007m
2027	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	3.007m
2027	C_Retail	Com - Interior Network Connected LED Lamps	NEW	67.29u
2027	C_Retail	Com - Interior Network Connected LED Lamps	ROB	67.29u
2027	C_Retail	Com - LED Refrigerated Case Lighting	NEW	8%
2027	C_Retail	Com - LED Refrigerated Case Lighting	RET	14%
2027	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	6%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	RET	18%
2027	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	6%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	25%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	RET	33%
2027	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	25%
2027	C_Retail	Com - Room Air Conditioners	NEW	8%
2027	C_Retail	Com - Room Air Conditioners	RET	17%
2027	C_Retail	Com - Room Air Conditioners	ROB	8%
2027	C_Retail	Com - RTU with Demand Control	RET	67%
2027	C_Retail	Com - Water Source Heat Pump	NEW	4%
2027	C_Retail	Com - Water Source Heat Pump	ROB	4%
2027	C_Retail	Com - Zero-Energy Doors	RET	38%
2027	C_School	Com - Anti-Sweat Heater Controls	RET	74%
2027	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	35%
2027	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	35%
2027	C_School	Com - Custom cooling	NEW	37%
2027	C_School	Com - Custom cooling	RET	44%
2027	C_School	Com - Custom Lighting	NEW	55%
2027	C_School	Com - Custom motors	NEW	37%
2027	C_School	Com - Custom motors	RET	44%
2027	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	10%
2027	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	21%
2027	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2027	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2027	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	25%
2027	C_School	Com - Exterior LED fixture	NEW	4%
2027	C_School	Com - Exterior LED fixture	ROB	4%
2027	C_School	Com - Exterior LED Lamp	NEW	8%
2027	C_School	Com - Exterior LED Lamp	ROB	8%
2027	C_School	Com - Exterior Lighting Controls	RET	37%
2027	C_School	Com - High Efficiency Central Heat Pump System	NEW	4%
2027	C_School	Com - High Efficiency Central Heat Pump System	ROB	4%
2027	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2027	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2027	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	55%
2027	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	55%
2027	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2027	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2027	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	37%
2027	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	37%
2027	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	34%
2027	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2027	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2027	C_School	Com - Interior Network Connected LED Fixtures	NEW	2.009m
2027	C_School	Com - Interior Network Connected LED Fixtures	ROB	2.009m
2027	C_School	Com - Interior Network Connected LED Lamps	NEW	465.7u
2027	C_School	Com - Interior Network Connected LED Lamps	ROB	465.7u
2027	C_School	Com - LED Refrigerated Case Lighting	NEW	8%
2027	C_School	Com - LED Refrigerated Case Lighting	RET	14%
2027	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2027	C_School	Com - Low-flow Faucet Aerator	RET	63%
2027	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2027	C_School	Com - Packaged Terminal Air Conditioners	NEW	5%
2027	C_School	Com - Packaged Terminal Air Conditioners	RET	6%
2027	C_School	Com - Packaged Terminal Air Conditioners	ROB	5%
2027	C_School	Com - Packaged Terminal Heat Pumps	NEW	24%
2027	C_School	Com - Packaged Terminal Heat Pumps	RET	26%
2027	C_School	Com - Packaged Terminal Heat Pumps	ROB	24%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2027	C_School	Com - Pre-rinse Spray Valves	RET		44%
2027	C_School	Com - Room Air Conditioners	NEW		6%
2027	C_School	Com - Room Air Conditioners	RET	9.3m	
2027	C_School	Com - Room Air Conditioners	ROB		6%
2027	C_School	Com - RTU with Demand Control	RET		1%
2027	C_School	Com - Water Source Heat Pump	NEW		5%
2027	C_School	Com - Water Source Heat Pump	ROB		5%
2027	C_Warehouse	Com - Anti-Sweat Heater Controls	RET		68%
2027	C_Warehouse	Com - Custom cooling	NEW		37%
2027	C_Warehouse	Com - Custom cooling	RET		44%
2027	C_Warehouse	Com - Custom Lighting	NEW		55%
2027	C_Warehouse	Com - Custom motors	NEW		37%
2027	C_Warehouse	Com - Custom motors	RET		44%
2027	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW		6%
2027	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB		6%
2027	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		26%
2027	C_Warehouse	Com - Exterior LED fixture	NEW		90%
2027	C_Warehouse	Com - Exterior LED fixture	ROB		90%
2027	C_Warehouse	Com - Exterior LED Lamp	NEW		94%
2027	C_Warehouse	Com - Exterior LED Lamp	ROB		94%
2027	C_Warehouse	Com - Exterior Lighting Controls	RET		47%
2027	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW		3%
2027	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB		3%
2027	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW	7.765m	
2027	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB	7.765m	
2027	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		23%
2027	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		23%
2027	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		60%
2027	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		60%
2027	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		64%
2027	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		64%
2027	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		19%
2027	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		19%
2027	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		39%
2027	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		80%
2027	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		80%
2027	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	4.193m	
2027	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	4.193m	
2027	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	35.33u	
2027	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	35.33u	
2027	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW		8%
2027	C_Warehouse	Com - LED Refrigerated Case Lighting	RET		14%
2027	C_Warehouse	Com - New Construction - Lighting Power Density	NEW		67%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW		25%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET		31%
2027	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB		25%
2027	C_Warehouse	Com - Room Air Conditioners	NEW		28%
2027	C_Warehouse	Com - Room Air Conditioners	RET		29%
2027	C_Warehouse	Com - Room Air Conditioners	ROB		28%
2027	C_Warehouse	Com - RTU with Demand Control	RET		1%
2027	C_Warehouse	Com - Water Source Heat Pump	NEW		4%
2027	C_Warehouse	Com - Water Source Heat Pump	ROB		4%
2027	C_Warehouse	Com - Zero-Energy Doors	RET		20%
2027	I_Agriculture	Ind - Air Compressor Optimization	RET		39%
2027	I_Agriculture	Ind - Dew Point Controls	RET		23%
2027	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW		68%
2027	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB		68%
2027	I_Agriculture	Ind - Mist Eliminators	RET		18%
2027	I_Agriculture	Ind - No Air Loss Drain	RET		27%
2027	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET		79%
2027	I_Manufacturing	Ind - Air Compressor Optimization	RET		41%
2027	I_Manufacturing	Ind - Dew Point Controls	RET		23%
2027	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW		71%
2027	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB		71%
2027	I_Manufacturing	Ind - Mist Eliminators	RET		18%
2027	I_Manufacturing	Ind - No Air Loss Drain	RET		23%
2027	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET		78%
2027	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET		61%
2027	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET		3%
2027	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		80%
2027	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		81%
2027	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		3%
2027	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		3%
2027	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET		66%
2027	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET		66%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		82%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		89%
2027	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		82%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		18%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		18%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		17%
2027	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		17%
2027	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW		16%
2027	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB		16%
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	3.872m
2027	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	3.872m
2027	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2027	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2027	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2027	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	73%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2027	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%
2027	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2027	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2027	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2027	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	73%
2027	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	56%
2027	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	83%
2027	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	66%
2027	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	59%
2027	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	58%
2027	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2027	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2027	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2027	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	14%
2027	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	60%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	59%
2027	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.068m
2027	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	80%
2027	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	81%
2027	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3%
2027	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	13%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	13%
2027	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	13%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2027	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	28%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	28%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	28%
2027	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	28%
2027	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	4%
2027	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	4%
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	19.58u
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	19.58u
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	3.872m
2027	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	3.872m
2027	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2027	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	72.51p
2027	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	72.51p
2027	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	32%
2027	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2027	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	86%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2027	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2027	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	89%
2027	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	78%
2027	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2027	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	67%
2027	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.508m
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	61%
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	61%
2027	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	60%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2027	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2027	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2027	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2027	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	27%
2027	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	60%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	59%
2027	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.068m
2027	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	80%
2027	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	81%
2027	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3%
2027	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	17%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	17%
2027	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	17%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2027	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	89%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	9%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	9%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	8%
2027	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	8%
2027	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	18%
2027	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	18%
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	3.872m
2027	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	3.872m
2027	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2027	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2027	R_Multi Family Low Incon	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2027	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%
2027	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2027	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	48%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	48%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	48%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	48%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	48%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2027	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	48%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2027	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2027	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2027	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	60%
2027	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	64%
2027	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	47%
2027	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	672.2u
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	53%
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	53%
2027	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	52%
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	31.03f
2027	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10.84u
2027	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2027	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	6%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	22%
2027	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	63%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	61%
2027	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2027	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	80%
2027	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	81%
2027	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3%
2027	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3%
2027	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	68%
2027	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	68%
2027	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	68%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2027	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	39%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	39%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	38%
2027	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	38%
2027	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	8%
2027	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	8%
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	3.643m
2027	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	3.643m
2027	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2027	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2027	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2027	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	77%
2027	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	76%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2027	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	55%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	55%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	55%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	87%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	55%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	55%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2027	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	55%
2027	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2027	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2027	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2027	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	85%
2027	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	70%
2027	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	74%
2027	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	54%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	54%
2027	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	53%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	25%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	25%
2027	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2027	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2027	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2027	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	17%
2027	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	16%
2027	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	62%
2027	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	60%
2027	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2027	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	80%
2027	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	81%
2027	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	3%
2027	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	3%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	69%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	69%
2027	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	69%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	82%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	89%
2027	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	82%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	22%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	22%
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	22%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2027	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	22%
2027	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	23%
2027	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	23%
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	3.204m
2027	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	3.204m
2027	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2027	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	71%
2027	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2027	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2027	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2027	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	78%
2027	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	77%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2027	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2027	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2027	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2027	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	73%
2027	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	57%
2027	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	63%
2027	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	47%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	54%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	54%
2027	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	53%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2027	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2027	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	22%
2027	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	14%
2027	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	16%
2027	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%
2028	C_College	Com - Anti-Sweat Heater Controls	RET	75%
2028	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	35%
2028	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	35%
2028	C_College	Com - Custom cooling	NEW	38%
2028	C_College	Com - Custom cooling	RET	47%
2028	C_College	Com - Custom Lighting	NEW	56%
2028	C_College	Com - Custom motors	NEW	38%
2028	C_College	Com - Custom motors	RET	47%
2028	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	11%
2028	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	23%
2028	C_College	Com - Direct Evaporative Pre-Cooling	NEW	8%
2028	C_College	Com - Direct Evaporative Pre-Cooling	ROB	8%
2028	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	29%
2028	C_College	Com - Exterior LED fixture	NEW	66%
2028	C_College	Com - Exterior LED fixture	ROB	66%
2028	C_College	Com - Exterior LED Lamp	NEW	79%
2028	C_College	Com - Exterior LED Lamp	ROB	79%
2028	C_College	Com - Exterior Lighting Controls	RET	31%
2028	C_College	Com - High Efficiency Central Heat Pump System	NEW	7%
2028	C_College	Com - High Efficiency Central Heat Pump System	ROB	7%
2028	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	5%
2028	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	5%
2028	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2028	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2028	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	40%
2028	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	40%
2028	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2028	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2028	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2028	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2028	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	31%
2028	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	75%
2028	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	75%
2028	C_College	Com - Interior Network Connected LED Fixtures	NEW	2.683m

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2028	C_College	Com - Interior Network Connected LED Fixtures	ROB	2.683m	
2028	C_College	Com - Interior Network Connected LED Lamps	NEW	359.7u	
2028	C_College	Com - Interior Network Connected LED Lamps	ROB	359.7u	
2028	C_College	Com - LED Refrigerated Case Lighting	NEW		9%
2028	C_College	Com - LED Refrigerated Case Lighting	RET		17%
2028	C_College	Com - New Construction - Lighting Power Density	NEW		67%
2028	C_College	Com - Packaged Terminal Air Conditioners	NEW		8%
2028	C_College	Com - Packaged Terminal Air Conditioners	RET		19%
2028	C_College	Com - Packaged Terminal Air Conditioners	ROB		8%
2028	C_College	Com - Packaged Terminal Heat Pumps	NEW		27%
2028	C_College	Com - Packaged Terminal Heat Pumps	RET		32%
2028	C_College	Com - Packaged Terminal Heat Pumps	ROB		27%
2028	C_College	Com - Room Air Conditioners	NEW		11%
2028	C_College	Com - Room Air Conditioners	RET		16%
2028	C_College	Com - Room Air Conditioners	ROB		11%
2028	C_College	Com - RTU with Demand Control	RET		1%
2028	C_College	Com - Water Source Heat Pump	NEW		9%
2028	C_College	Com - Water Source Heat Pump	ROB		9%
2028	C_Grocery	Com - Anti-Sweat Heater Controls	RET		75%
2028	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		38%
2028	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		38%
2028	C_Grocery	Com - Custom cooling	NEW		38%
2028	C_Grocery	Com - Custom cooling	RET		47%
2028	C_Grocery	Com - Custom Lighting	NEW		56%
2028	C_Grocery	Com - Custom motors	NEW		38%
2028	C_Grocery	Com - Custom motors	RET		47%
2028	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		11%
2028	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		23%
2028	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW		9%
2028	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB		9%
2028	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		52%
2028	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW		74%
2028	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB		74%
2028	C_Grocery	Com - Exterior LED fixture	NEW		98%
2028	C_Grocery	Com - Exterior LED fixture	ROB		98%
2028	C_Grocery	Com - Exterior LED Lamp	NEW		99%
2028	C_Grocery	Com - Exterior LED Lamp	ROB		99%
2028	C_Grocery	Com - Exterior Lighting Controls	RET		39%
2028	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW		2%
2028	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB		2%
2028	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	3.702m	
2028	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	3.702m	
2028	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		37%
2028	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		37%
2028	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		65%
2028	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		65%
2028	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		80%
2028	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		80%
2028	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		37%
2028	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		37%
2028	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		39%
2028	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		86%
2028	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		86%
2028	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	4.805m	
2028	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	4.805m	
2028	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	46.29u	
2028	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	46.29u	
2028	C_Grocery	Com - LED Refrigerated Case Lighting	NEW		9%
2028	C_Grocery	Com - LED Refrigerated Case Lighting	RET		17%
2028	C_Grocery	Com - New Construction - Lighting Power Density	NEW		67%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW		26%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	RET		28%
2028	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB		26%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW		26%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	RET		30%
2028	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB		26%
2028	C_Grocery	Com - Pre-rinse Spray Valves	RET		47%
2028	C_Grocery	Com - Room Air Conditioners	NEW		29%
2028	C_Grocery	Com - Room Air Conditioners	RET		24%
2028	C_Grocery	Com - Room Air Conditioners	ROB		29%
2028	C_Grocery	Com - RTU with Demand Control	RET		1%
2028	C_Grocery	Com - Water Source Heat Pump	NEW		4%
2028	C_Grocery	Com - Water Source Heat Pump	ROB		4%
2028	C_Grocery	Com - Zero-Energy Doors	RET		29%
2028	C_Health	Com - Anti-Sweat Heater Controls	RET		63%
2028	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		63%
2028	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		63%
2028	C_Health	Com - Custom cooling	NEW		38%
2028	C_Health	Com - Custom cooling	RET		47%
2028	C_Health	Com - Custom Lighting	NEW		56%
2028	C_Health	Com - Custom motors	NEW		38%
2028	C_Health	Com - Custom motors	RET		47%
2028	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		11%
2028	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		23%
2028	C_Health	Com - Direct Evaporative Pre-Cooling	NEW		10%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	10%
2028	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	33%
2028	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2028	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2028	C_Health	Com - Exterior LED fixture	NEW	68%
2028	C_Health	Com - Exterior LED fixture	ROB	68%
2028	C_Health	Com - Exterior LED Lamp	NEW	79%
2028	C_Health	Com - Exterior LED Lamp	ROB	79%
2028	C_Health	Com - Exterior Lighting Controls	RET	34%
2028	C_Health	Com - High Efficiency Central Heat Pump System	NEW	39%
2028	C_Health	Com - High Efficiency Central Heat Pump System	ROB	39%
2028	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	37%
2028	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	37%
2028	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	14%
2028	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	14%
2028	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	36%
2028	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	36%
2028	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2028	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2028	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	26%
2028	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	26%
2028	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	28%
2028	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	78%
2028	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	78%
2028	C_Health	Com - Interior Network Connected LED Fixtures	NEW	6.151m
2028	C_Health	Com - Interior Network Connected LED Fixtures	ROB	6.151m
2028	C_Health	Com - Interior Network Connected LED Lamps	NEW	36.24u
2028	C_Health	Com - Interior Network Connected LED Lamps	ROB	36.24u
2028	C_Health	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_Health	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_Health	Com - Low-flow Faucet Aerator	NEW	65%
2028	C_Health	Com - Low-flow Faucet Aerator	RET	64%
2028	C_Health	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_Health	Com - Packaged Terminal Air Conditioners	NEW	27%
2028	C_Health	Com - Packaged Terminal Air Conditioners	RET	31%
2028	C_Health	Com - Packaged Terminal Air Conditioners	ROB	27%
2028	C_Health	Com - Packaged Terminal Heat Pumps	NEW	27%
2028	C_Health	Com - Packaged Terminal Heat Pumps	RET	32%
2028	C_Health	Com - Packaged Terminal Heat Pumps	ROB	27%
2028	C_Health	Com - Pre-rinse Spray Valves	RET	47%
2028	C_Health	Com - Room Air Conditioners	NEW	30%
2028	C_Health	Com - Room Air Conditioners	RET	28%
2028	C_Health	Com - Room Air Conditioners	ROB	30%
2028	C_Health	Com - RTU with Demand Control	RET	1%
2028	C_Health	Com - Water Source Heat Pump	NEW	42%
2028	C_Health	Com - Water Source Heat Pump	ROB	42%
2028	C_Health	Com - Zero-Energy Doors	RET	20%
2028	C_Lodging	Com - Anti-Sweat Heater Controls	RET	71%
2028	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2028	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2028	C_Lodging	Com - Custom cooling	NEW	38%
2028	C_Lodging	Com - Custom cooling	RET	47%
2028	C_Lodging	Com - Custom Lighting	NEW	56%
2028	C_Lodging	Com - Custom motors	NEW	38%
2028	C_Lodging	Com - Custom motors	RET	47%
2028	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	11%
2028	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	23%
2028	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	10%
2028	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	10%
2028	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	45%
2028	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2028	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2028	C_Lodging	Com - Exterior LED fixture	NEW	83%
2028	C_Lodging	Com - Exterior LED fixture	ROB	83%
2028	C_Lodging	Com - Exterior LED Lamp	NEW	90%
2028	C_Lodging	Com - Exterior LED Lamp	ROB	90%
2028	C_Lodging	Com - Exterior Lighting Controls	RET	30%
2028	C_Lodging	Com - Guest Room Energy Management	RET	34%
2028	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	41%
2028	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	41%
2028	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	39%
2028	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	39%
2028	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	56%
2028	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	56%
2028	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	58%
2028	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	58%
2028	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2028	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2028	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	40%
2028	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	40%
2028	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	14%
2028	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	66%
2028	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	66%
2028	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	1.661m
2028	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	1.661m

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2028	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	702.7u	
2028	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	702.7u	
2028	C_Lodging	Com - LED Refrigerated Case Lighting	NEW		9%
2028	C_Lodging	Com - LED Refrigerated Case Lighting	RET		17%
2028	C_Lodging	Com - Low-flow Faucet Aerator	NEW		65%
2028	C_Lodging	Com - Low-flow Faucet Aerator	RET		64%
2028	C_Lodging	Com - New Construction - Lighting Power Density	NEW		67%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW		27%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	RET		34%
2028	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB		27%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW		27%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	RET		36%
2028	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB		27%
2028	C_Lodging	Com - Pre-rinse Spray Valves	RET		47%
2028	C_Lodging	Com - Room Air Conditioners	NEW		30%
2028	C_Lodging	Com - Room Air Conditioners	RET		33%
2028	C_Lodging	Com - Room Air Conditioners	ROB		30%
2028	C_Lodging	Com - RTU with Demand Control	RET		1%
2028	C_Lodging	Com - Water Source Heat Pump	NEW		43%
2028	C_Lodging	Com - Water Source Heat Pump	ROB		43%
2028	C_Lodging	Com - Zero-Energy Doors	RET		42%
2028	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW		34%
2028	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET		47%
2028	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW		49%
2028	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW		34%
2028	C_Mining/Oil & Gas Extra	Com - Custom motors	RET		47%
2028	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW		65%
2028	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET		40%
2028	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET		27%
2028	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW		65%
2028	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB		65%
2028	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET		21%
2028	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET		27%
2028	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET		84%
2028	C_Office	Com - Anti-Sweat Heater Controls	RET		70%
2028	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW		31%
2028	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB		31%
2028	C_Office	Com - Custom cooling	NEW		38%
2028	C_Office	Com - Custom cooling	RET		47%
2028	C_Office	Com - Custom Lighting	NEW		56%
2028	C_Office	Com - Custom motors	NEW		38%
2028	C_Office	Com - Custom motors	RET		47%
2028	C_Office	Com - Direct Evaporative Pre-Cooling	NEW		9%
2028	C_Office	Com - Direct Evaporative Pre-Cooling	ROB		9%
2028	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		37%
2028	C_Office	Com - Exterior LED fixture	NEW		54%
2028	C_Office	Com - Exterior LED fixture	ROB		54%
2028	C_Office	Com - Exterior LED Lamp	NEW		68%
2028	C_Office	Com - Exterior LED Lamp	ROB		68%
2028	C_Office	Com - Exterior Lighting Controls	RET		37%
2028	C_Office	Com - High Efficiency Central Heat Pump System	NEW		3%
2028	C_Office	Com - High Efficiency Central Heat Pump System	ROB		3%
2028	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW		2%
2028	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB		2%
2028	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		42%
2028	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		42%
2028	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		55%
2028	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		55%
2028	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		76%
2028	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		76%
2028	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		41%
2028	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		41%
2028	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		34%
2028	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		71%
2028	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		71%
2028	C_Office	Com - Interior Network Connected LED Fixtures	NEW	2.67m	
2028	C_Office	Com - Interior Network Connected LED Fixtures	ROB	2.67m	
2028	C_Office	Com - Interior Network Connected LED Lamps	NEW	307.5u	
2028	C_Office	Com - Interior Network Connected LED Lamps	ROB	307.5u	
2028	C_Office	Com - LED Refrigerated Case Lighting	NEW		9%
2028	C_Office	Com - LED Refrigerated Case Lighting	RET		17%
2028	C_Office	Com - Low-flow Faucet Aerator	RET		85%
2028	C_Office	Com - New Construction - Lighting Power Density	NEW		67%
2028	C_Office	Com - Packaged Terminal Air Conditioners	NEW		27%
2028	C_Office	Com - Packaged Terminal Air Conditioners	RET		31%
2028	C_Office	Com - Packaged Terminal Air Conditioners	ROB		27%
2028	C_Office	Com - Packaged Terminal Heat Pumps	NEW		27%
2028	C_Office	Com - Packaged Terminal Heat Pumps	RET		33%
2028	C_Office	Com - Packaged Terminal Heat Pumps	ROB		27%
2028	C_Office	Com - Room Air Conditioners	NEW		30%
2028	C_Office	Com - Room Air Conditioners	RET		28%
2028	C_Office	Com - Room Air Conditioners	ROB		30%
2028	C_Office	Com - RTU with Demand Control	RET		1%
2028	C_Office	Com - Water Source Heat Pump	NEW		4%
2028	C_Office	Com - Water Source Heat Pump	ROB		4%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Office	Com - Zero-Energy Doors	RET	31%
2028	C_Other	Com - Anti-Sweat Heater Controls	RET	59%
2028	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2028	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2028	C_Other	Com - Custom cooling	NEW	38%
2028	C_Other	Com - Custom cooling	RET	47%
2028	C_Other	Com - Custom Lighting	NEW	56%
2028	C_Other	Com - Custom motors	NEW	38%
2028	C_Other	Com - Custom motors	RET	47%
2028	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	9%
2028	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	9%
2028	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	67%
2028	C_Other	Com - Exterior LED fixture	NEW	67%
2028	C_Other	Com - Exterior LED fixture	ROB	67%
2028	C_Other	Com - Exterior LED Lamp	NEW	79%
2028	C_Other	Com - Exterior LED Lamp	ROB	79%
2028	C_Other	Com - Exterior Lighting Controls	RET	34%
2028	C_Other	Com - High Efficiency Central Heat Pump System	NEW	16%
2028	C_Other	Com - High Efficiency Central Heat Pump System	ROB	16%
2028	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	25%
2028	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	25%
2028	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	44%
2028	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	44%
2028	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2028	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2028	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	29%
2028	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	29%
2028	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	31%
2028	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	73%
2028	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	73%
2028	C_Other	Com - Interior Network Connected LED Fixtures	NEW	3.664m
2028	C_Other	Com - Interior Network Connected LED Fixtures	ROB	3.664m
2028	C_Other	Com - Interior Network Connected LED Lamps	NEW	197u
2028	C_Other	Com - Interior Network Connected LED Lamps	ROB	197u
2028	C_Other	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_Other	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_Other	Com - Low-flow Faucet Aerator	NEW	66%
2028	C_Other	Com - Low-flow Faucet Aerator	RET	65%
2028	C_Other	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_Other	Com - Packaged Terminal Air Conditioners	NEW	26%
2028	C_Other	Com - Packaged Terminal Air Conditioners	RET	30%
2028	C_Other	Com - Packaged Terminal Air Conditioners	ROB	26%
2028	C_Other	Com - Packaged Terminal Heat Pumps	NEW	27%
2028	C_Other	Com - Packaged Terminal Heat Pumps	RET	32%
2028	C_Other	Com - Packaged Terminal Heat Pumps	ROB	27%
2028	C_Other	Com - Pre-rinse Spray Valves	RET	47%
2028	C_Other	Com - Room Air Conditioners	NEW	30%
2028	C_Other	Com - Room Air Conditioners	RET	23%
2028	C_Other	Com - Room Air Conditioners	ROB	30%
2028	C_Other	Com - RTU with Demand Control	RET	1%
2028	C_Other	Com - Water Source Heat Pump	NEW	19%
2028	C_Other	Com - Water Source Heat Pump	ROB	19%
2028	C_Other	Com - Zero-Energy Doors	RET	72%
2028	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	75%
2028	C_Restaurant	Com - Custom cooling	NEW	38%
2028	C_Restaurant	Com - Custom cooling	RET	47%
2028	C_Restaurant	Com - Custom Lighting	NEW	56%
2028	C_Restaurant	Com - Custom motors	NEW	38%
2028	C_Restaurant	Com - Custom motors	RET	47%
2028	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	11%
2028	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	23%
2028	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	9%
2028	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	9%
2028	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	65%
2028	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	74%
2028	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	74%
2028	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2028	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2028	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2028	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2028	C_Restaurant	Com - Exterior Lighting Controls	RET	51%
2028	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	49%
2028	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	49%
2028	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	45%
2028	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	45%
2028	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	42%
2028	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	42%
2028	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	64%
2028	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	64%
2028	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2028	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2028	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	43%
2028	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	43%
2028	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	54%
2028	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2028	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	4.534m
2028	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	4.534m
2028	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	11.3u
2028	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	11.3u
2028	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	65%
2028	C_Restaurant	Com - Low-flow Faucet Aerator	RET	64%
2028	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	27%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	35%
2028	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	27%
2028	C_Restaurant	Com - Pre-rinse Spray Valves	RET	47%
2028	C_Restaurant	Com - Room Air Conditioners	NEW	11%
2028	C_Restaurant	Com - Room Air Conditioners	RET	17%
2028	C_Restaurant	Com - Room Air Conditioners	ROB	11%
2028	C_Restaurant	Com - RTU with Demand Control	RET	1%
2028	C_Restaurant	Com - Water Source Heat Pump	NEW	50%
2028	C_Restaurant	Com - Water Source Heat Pump	ROB	50%
2028	C_Restaurant	Com - Zero-Energy Doors	RET	55%
2028	C_Retail	Com - Anti-Sweat Heater Controls	RET	83%
2028	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	2%
2028	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	2%
2028	C_Retail	Com - Custom cooling	NEW	38%
2028	C_Retail	Com - Custom cooling	RET	47%
2028	C_Retail	Com - Custom Lighting	NEW	56%
2028	C_Retail	Com - Custom motors	NEW	38%
2028	C_Retail	Com - Custom motors	RET	47%
2028	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	9%
2028	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	9%
2028	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	42%
2028	C_Retail	Com - Exterior LED fixture	NEW	90%
2028	C_Retail	Com - Exterior LED fixture	ROB	90%
2028	C_Retail	Com - Exterior LED Lamp	NEW	94%
2028	C_Retail	Com - Exterior LED Lamp	ROB	94%
2028	C_Retail	Com - Exterior Lighting Controls	RET	52%
2028	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	4%
2028	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	4%
2028	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2028	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2028	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	37%
2028	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	37%
2028	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	65%
2028	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	65%
2028	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	67%
2028	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	67%
2028	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2028	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2028	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	30%
2028	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	69%
2028	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	69%
2028	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	3.902m
2028	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	3.902m
2028	C_Retail	Com - Interior Network Connected LED Lamps	NEW	86.6u
2028	C_Retail	Com - Interior Network Connected LED Lamps	ROB	86.6u
2028	C_Retail	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_Retail	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	8%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	RET	20%
2028	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	8%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	27%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	RET	35%
2028	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	27%
2028	C_Retail	Com - Room Air Conditioners	NEW	11%
2028	C_Retail	Com - Room Air Conditioners	RET	19%
2028	C_Retail	Com - Room Air Conditioners	ROB	11%
2028	C_Retail	Com - RTU with Demand Control	RET	67%
2028	C_Retail	Com - Water Source Heat Pump	NEW	5%
2028	C_Retail	Com - Water Source Heat Pump	ROB	5%
2028	C_Retail	Com - Zero-Energy Doors	RET	40%
2028	C_School	Com - Anti-Sweat Heater Controls	RET	75%
2028	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	35%
2028	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	35%
2028	C_School	Com - Custom cooling	NEW	38%
2028	C_School	Com - Custom cooling	RET	47%
2028	C_School	Com - Custom Lighting	NEW	56%
2028	C_School	Com - Custom motors	NEW	38%
2028	C_School	Com - Custom motors	RET	47%
2028	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	11%
2028	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	23%
2028	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2028	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2028	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	29%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_School	Com - Exterior LED fixture	NEW	6%
2028	C_School	Com - Exterior LED fixture	ROB	6%
2028	C_School	Com - Exterior LED Lamp	NEW	11%
2028	C_School	Com - Exterior LED Lamp	ROB	11%
2028	C_School	Com - Exterior Lighting Controls	RET	38%
2028	C_School	Com - High Efficiency Central Heat Pump System	NEW	4%
2028	C_School	Com - High Efficiency Central Heat Pump System	ROB	4%
2028	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2028	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2028	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2028	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2028	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	73%
2028	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	73%
2028	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	38%
2028	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	38%
2028	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	35%
2028	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2028	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2028	C_School	Com - Interior Network Connected LED Fixtures	NEW	2.612m
2028	C_School	Com - Interior Network Connected LED Fixtures	ROB	2.612m
2028	C_School	Com - Interior Network Connected LED Lamps	NEW	604u
2028	C_School	Com - Interior Network Connected LED Lamps	ROB	604u
2028	C_School	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_School	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2028	C_School	Com - Low-flow Faucet Aerator	RET	65%
2028	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_School	Com - Packaged Terminal Air Conditioners	NEW	6%
2028	C_School	Com - Packaged Terminal Air Conditioners	RET	7%
2028	C_School	Com - Packaged Terminal Air Conditioners	ROB	6%
2028	C_School	Com - Packaged Terminal Heat Pumps	NEW	26%
2028	C_School	Com - Packaged Terminal Heat Pumps	RET	27%
2028	C_School	Com - Packaged Terminal Heat Pumps	ROB	26%
2028	C_School	Com - Pre-rinse Spray Valves	RET	47%
2028	C_School	Com - Room Air Conditioners	NEW	8%
2028	C_School	Com - Room Air Conditioners	RET	2%
2028	C_School	Com - Room Air Conditioners	ROB	8%
2028	C_School	Com - RTU with Demand Control	RET	1%
2028	C_School	Com - Water Source Heat Pump	NEW	5%
2028	C_School	Com - Water Source Heat Pump	ROB	5%
2028	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	70%
2028	C_Warehouse	Com - Custom cooling	NEW	38%
2028	C_Warehouse	Com - Custom cooling	RET	47%
2028	C_Warehouse	Com - Custom Lighting	NEW	56%
2028	C_Warehouse	Com - Custom motors	NEW	38%
2028	C_Warehouse	Com - Custom motors	RET	47%
2028	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%
2028	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	6%
2028	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	30%
2028	C_Warehouse	Com - Exterior LED fixture	NEW	90%
2028	C_Warehouse	Com - Exterior LED fixture	ROB	90%
2028	C_Warehouse	Com - Exterior LED Lamp	NEW	95%
2028	C_Warehouse	Com - Exterior LED Lamp	ROB	95%
2028	C_Warehouse	Com - Exterior Lighting Controls	RET	49%
2028	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	4%
2028	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	4%
2028	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW	1%
2028	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB	1%
2028	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	24%
2028	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	24%
2028	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	61%
2028	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	61%
2028	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	65%
2028	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	65%
2028	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	20%
2028	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	20%
2028	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	42%
2028	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	82%
2028	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	82%
2028	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	5.456m
2028	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	5.456m
2028	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	45.33u
2028	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	45.33u
2028	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	9%
2028	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	17%
2028	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	67%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	27%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	33%
2028	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	27%
2028	C_Warehouse	Com - Room Air Conditioners	NEW	30%
2028	C_Warehouse	Com - Room Air Conditioners	RET	31%
2028	C_Warehouse	Com - Room Air Conditioners	ROB	30%
2028	C_Warehouse	Com - RTU with Demand Control	RET	1%
2028	C_Warehouse	Com - Water Source Heat Pump	NEW	5%
2028	C_Warehouse	Com - Water Source Heat Pump	ROB	5%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	C_Warehouse	Com - Zero-Energy Doors	RET	23%
2028	I_Agriculture	Ind - Air Compressor Optimization	RET	40%
2028	I_Agriculture	Ind - Dew Point Controls	RET	27%
2028	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	69%
2028	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	69%
2028	I_Agriculture	Ind - Mist Eliminators	RET	21%
2028	I_Agriculture	Ind - No Air Loss Drain	RET	31%
2028	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	84%
2028	I_Manufacturing	Ind - Air Compressor Optimization	RET	42%
2028	I_Manufacturing	Ind - Dew Point Controls	RET	27%
2028	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	72%
2028	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	72%
2028	I_Manufacturing	Ind - Mist Eliminators	RET	21%
2028	I_Manufacturing	Ind - No Air Loss Drain	RET	27%
2028	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	84%
2028	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2028	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2028	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	70%
2028	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	70%
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	20%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	20%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	20%
2028	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	20%
2028	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	17%
2028	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	17%
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.376m
2028	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.376m
2028	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2028	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	75%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2028	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%
2028	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2028	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2028	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2028	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2028	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	59%
2028	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	83%
2028	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	69%
2028	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	62%
2028	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	61%
2028	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2028	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2028	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2028	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2028	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	14%
2028	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	63%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	61%
2028	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.225m
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2028	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	31%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	31%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	30%
2028	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	30%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	6%
2028	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	6%
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	31.33u
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	31.33u
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.376m
2028	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.376m
2028	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2028	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	108.1p
2028	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	108.1p
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	32%
2028	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2028	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	52%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2028	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	52%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2028	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	90%
2028	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	80%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2028	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	70%
2028	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.515m
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	65%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	65%
2028	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	64%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2028	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2028	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	73.72u
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2028	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2028	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	27%
2028	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	63%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	61%
2028	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.225m
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	17%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	17%
2028	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	17%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	90%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	12%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	12%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	11%
2028	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	11%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2028	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.376m
2028	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.376m
2028	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2028	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2028	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	50%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2028	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	50%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2028	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2028	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	63%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	66%
2028	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	51%
2028	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	675.3u
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	59%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	59%
2028	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	34.92f
2028	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	12.39u
2028	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	12%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	15%
2028	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	6%
2028	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	22%
2028	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	64%
2028	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	71%
2028	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	71%
2028	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	71%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	41%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	41%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	40%
2028	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	40%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	9%
2028	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	9%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.058m
2028	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.058m
2028	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2028	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	78%
2028	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2028	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	56%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	56%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	88%
2028	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	56%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2028	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2028	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	85%
2028	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	73%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	76%
2028	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	56%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	56%
2028	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	55%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2028	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2028	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	6%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2028	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	16%
2028	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	18%
2028	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	16%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2028	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	81%
2028	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	83%
2028	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	4%
2028	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	4%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	72%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	72%
2028	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	72%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2028	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	25%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	25%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	24%
2028	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	24%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	24%
2028	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	24%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	4.448m
2028	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	4.448m
2028	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2028	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	80%
2028	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2028	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2028	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	79%
2028	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2028	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2028	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2028	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	74%
2028	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	60%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	65%
2028	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	51%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	58%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2028	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	56%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2028	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	1%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2028	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2028	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	17%
2028	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%
2029	C_College	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2029	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2029	C_College	Com - Custom cooling	NEW	38%
2029	C_College	Com - Custom cooling	RET	49%
2029	C_College	Com - Custom Lighting	NEW	57%
2029	C_College	Com - Custom motors	NEW	38%
2029	C_College	Com - Custom motors	RET	49%
2029	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_College	Com - Direct Evaporative Pre-Cooling	NEW	9%
2029	C_College	Com - Direct Evaporative Pre-Cooling	ROB	9%
2029	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2029	C_College	Com - Exterior LED fixture	NEW	68%
2029	C_College	Com - Exterior LED fixture	ROB	68%
2029	C_College	Com - Exterior LED Lamp	NEW	81%
2029	C_College	Com - Exterior LED Lamp	ROB	81%
2029	C_College	Com - Exterior Lighting Controls	RET	33%
2029	C_College	Com - High Efficiency Central Heat Pump System	NEW	8%
2029	C_College	Com - High Efficiency Central Heat Pump System	ROB	8%
2029	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	6%
2029	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	6%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	40%
2029	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	40%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2029	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2029	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2029	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2029	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	76%
2029	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	76%
2029	C_College	Com - Interior Network Connected LED Fixtures	NEW	3.412m
2029	C_College	Com - Interior Network Connected LED Fixtures	ROB	3.412m
2029	C_College	Com - Interior Network Connected LED Lamps	NEW	455.8u
2029	C_College	Com - Interior Network Connected LED Lamps	ROB	455.8u
2029	C_College	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_College	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_College	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_College	Com - Packaged Terminal Air Conditioners	NEW	10%
2029	C_College	Com - Packaged Terminal Air Conditioners	RET	21%
2029	C_College	Com - Packaged Terminal Air Conditioners	ROB	10%
2029	C_College	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_College	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_College	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_College	Com - Room Air Conditioners	NEW	13%
2029	C_College	Com - Room Air Conditioners	RET	18%
2029	C_College	Com - Room Air Conditioners	ROB	13%
2029	C_College	Com - RTU with Demand Control	RET	2%
2029	C_College	Com - Water Source Heat Pump	NEW	10%
2029	C_College	Com - Water Source Heat Pump	ROB	10%
2029	C_Grocery	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	38%
2029	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	38%
2029	C_Grocery	Com - Custom cooling	NEW	38%
2029	C_Grocery	Com - Custom cooling	RET	49%
2029	C_Grocery	Com - Custom Lighting	NEW	57%
2029	C_Grocery	Com - Custom motors	NEW	38%
2029	C_Grocery	Com - Custom motors	RET	49%
2029	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	54%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Grocery	Com - Exterior LED fixture	NEW	98%
2029	C_Grocery	Com - Exterior LED fixture	ROB	98%
2029	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2029	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2029	C_Grocery	Com - Exterior Lighting Controls	RET	42%
2029	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	2%
2029	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	2%
2029	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	7.112m
2029	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	7.112m
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2029	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	80%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	80%
2029	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	38%
2029	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	38%
2029	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	42%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2029	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2029	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	6.099m
2029	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	6.099m
2029	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	57.9u
2029	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	57.9u
2029	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Grocery	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Grocery	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	29%
2029	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	31%
2029	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_Grocery	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Grocery	Com - Room Air Conditioners	NEW	31%
2029	C_Grocery	Com - Room Air Conditioners	RET	25%
2029	C_Grocery	Com - Room Air Conditioners	ROB	31%
2029	C_Grocery	Com - RTU with Demand Control	RET	2%
2029	C_Grocery	Com - Water Source Heat Pump	NEW	4%
2029	C_Grocery	Com - Water Source Heat Pump	ROB	4%
2029	C_Grocery	Com - Zero-Energy Doors	RET	31%
2029	C_Health	Com - Anti-Sweat Heater Controls	RET	65%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	64%
2029	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	64%
2029	C_Health	Com - Custom cooling	NEW	38%
2029	C_Health	Com - Custom cooling	RET	49%
2029	C_Health	Com - Custom Lighting	NEW	57%
2029	C_Health	Com - Custom motors	NEW	38%
2029	C_Health	Com - Custom motors	RET	49%
2029	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	11%
2029	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	11%
2029	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	36%
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Health	Com - Exterior LED fixture	NEW	69%
2029	C_Health	Com - Exterior LED fixture	ROB	69%
2029	C_Health	Com - Exterior LED Lamp	NEW	81%
2029	C_Health	Com - Exterior LED Lamp	ROB	81%
2029	C_Health	Com - Exterior Lighting Controls	RET	39%
2029	C_Health	Com - High Efficiency Central Heat Pump System	NEW	39%
2029	C_Health	Com - High Efficiency Central Heat Pump System	ROB	39%
2029	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	37%
2029	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	37%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	15%
2029	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	15%
2029	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	38%
2029	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	38%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	69%
2029	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	69%
2029	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	27%
2029	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	27%
2029	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	79%
2029	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	79%
2029	C_Health	Com - Interior Network Connected LED Fixtures	NEW	7.833m
2029	C_Health	Com - Interior Network Connected LED Fixtures	ROB	7.833m
2029	C_Health	Com - Interior Network Connected LED Lamps	NEW	45.29u
2029	C_Health	Com - Interior Network Connected LED Lamps	ROB	45.29u
2029	C_Health	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Health	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Health	Com - Low-flow Faucet Aerator	NEW	65%
2029	C_Health	Com - Low-flow Faucet Aerator	RET	66%
2029	C_Health	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Health	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Health	Com - Packaged Terminal Air Conditioners	RET	32%
2029	C_Health	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Health	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_Health	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_Health	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_Health	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Health	Com - Room Air Conditioners	NEW	32%
2029	C_Health	Com - Room Air Conditioners	RET	30%
2029	C_Health	Com - Room Air Conditioners	ROB	32%
2029	C_Health	Com - RTU with Demand Control	RET	2%
2029	C_Health	Com - Water Source Heat Pump	NEW	42%
2029	C_Health	Com - Water Source Heat Pump	ROB	42%
2029	C_Health	Com - Zero-Energy Doors	RET	23%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Lodging	Com - Anti-Sweat Heater Controls	RET	73%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2029	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2029	C_Lodging	Com - Custom cooling	NEW	38%
2029	C_Lodging	Com - Custom cooling	RET	49%
2029	C_Lodging	Com - Custom Lighting	NEW	57%
2029	C_Lodging	Com - Custom motors	NEW	38%
2029	C_Lodging	Com - Custom motors	RET	49%
2029	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	11%
2029	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	11%
2029	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	48%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Lodging	Com - Exterior LED fixture	NEW	84%
2029	C_Lodging	Com - Exterior LED fixture	ROB	84%
2029	C_Lodging	Com - Exterior LED Lamp	NEW	91%
2029	C_Lodging	Com - Exterior LED Lamp	ROB	91%
2029	C_Lodging	Com - Exterior Lighting Controls	RET	31%
2029	C_Lodging	Com - Guest Room Energy Management	RET	35%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	42%
2029	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	42%
2029	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	40%
2029	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	40%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	56%
2029	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	56%
2029	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	59%
2029	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	59%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2029	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2029	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2029	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	15%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	67%
2029	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	67%
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2.1m
2029	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2.1m
2029	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	887.7u
2029	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	887.7u
2029	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Lodging	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Lodging	Com - Low-flow Faucet Aerator	NEW	65%
2029	C_Lodging	Com - Low-flow Faucet Aerator	RET	66%
2029	C_Lodging	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	29%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	36%
2029	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	29%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	38%
2029	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Lodging	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Lodging	Com - Room Air Conditioners	NEW	33%
2029	C_Lodging	Com - Room Air Conditioners	RET	34%
2029	C_Lodging	Com - Room Air Conditioners	ROB	33%
2029	C_Lodging	Com - RTU with Demand Control	RET	2%
2029	C_Lodging	Com - Water Source Heat Pump	NEW	44%
2029	C_Lodging	Com - Water Source Heat Pump	ROB	44%
2029	C_Lodging	Com - Zero-Energy Doors	RET	44%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	35%
2029	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	49%
2029	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	50%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	35%
2029	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	49%
2029	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2029	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	41%
2029	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	30%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	66%
2029	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	66%
2029	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	24%
2029	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	30%
2029	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	87%
2029	C_Office	Com - Anti-Sweat Heater Controls	RET	71%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	31%
2029	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	31%
2029	C_Office	Com - Custom cooling	NEW	38%
2029	C_Office	Com - Custom cooling	RET	49%
2029	C_Office	Com - Custom Lighting	NEW	57%
2029	C_Office	Com - Custom motors	NEW	38%
2029	C_Office	Com - Custom motors	RET	49%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	40%
2029	C_Office	Com - Exterior LED fixture	NEW	56%
2029	C_Office	Com - Exterior LED fixture	ROB	56%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Office	Com - Exterior LED Lamp	NEW	71%
2029	C_Office	Com - Exterior LED Lamp	ROB	71%
2029	C_Office	Com - Exterior Lighting Controls	RET	39%
2029	C_Office	Com - High Efficiency Central Heat Pump System	NEW	4%
2029	C_Office	Com - High Efficiency Central Heat Pump System	ROB	4%
2029	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2029	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2029	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2029	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2029	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	76%
2029	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	76%
2029	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2029	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2029	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2029	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2029	C_Office	Com - Interior Network Connected LED Fixtures	NEW	3.389m
2029	C_Office	Com - Interior Network Connected LED Fixtures	ROB	3.389m
2029	C_Office	Com - Interior Network Connected LED Lamps	NEW	387.7u
2029	C_Office	Com - Interior Network Connected LED Lamps	ROB	387.7u
2029	C_Office	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Office	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Office	Com - Low-flow Faucet Aerator	RET	86%
2029	C_Office	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Office	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Office	Com - Packaged Terminal Air Conditioners	RET	32%
2029	C_Office	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Office	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Office	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_Office	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Office	Com - Room Air Conditioners	NEW	32%
2029	C_Office	Com - Room Air Conditioners	RET	30%
2029	C_Office	Com - Room Air Conditioners	ROB	32%
2029	C_Office	Com - RTU with Demand Control	RET	2%
2029	C_Office	Com - Water Source Heat Pump	NEW	6%
2029	C_Office	Com - Water Source Heat Pump	ROB	6%
2029	C_Office	Com - Zero-Energy Doors	RET	33%
2029	C_Other	Com - Anti-Sweat Heater Controls	RET	61%
2029	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2029	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2029	C_Other	Com - Custom cooling	NEW	38%
2029	C_Other	Com - Custom cooling	RET	49%
2029	C_Other	Com - Custom Lighting	NEW	57%
2029	C_Other	Com - Custom motors	NEW	38%
2029	C_Other	Com - Custom motors	RET	49%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Other	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	69%
2029	C_Other	Com - Exterior LED fixture	NEW	68%
2029	C_Other	Com - Exterior LED fixture	ROB	68%
2029	C_Other	Com - Exterior LED Lamp	NEW	81%
2029	C_Other	Com - Exterior LED Lamp	ROB	81%
2029	C_Other	Com - Exterior Lighting Controls	RET	36%
2029	C_Other	Com - High Efficiency Central Heat Pump System	NEW	16%
2029	C_Other	Com - High Efficiency Central Heat Pump System	ROB	16%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	26%
2029	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	26%
2029	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	44%
2029	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	44%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	85%
2029	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	85%
2029	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	31%
2029	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	31%
2029	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2029	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2029	C_Other	Com - Interior Network Connected LED Fixtures	NEW	4.651m
2029	C_Other	Com - Interior Network Connected LED Fixtures	ROB	4.651m
2029	C_Other	Com - Interior Network Connected LED Lamps	NEW	248u
2029	C_Other	Com - Interior Network Connected LED Lamps	ROB	248u
2029	C_Other	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Other	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Other	Com - Low-flow Faucet Aerator	NEW	66%
2029	C_Other	Com - Low-flow Faucet Aerator	RET	67%
2029	C_Other	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Other	Com - Packaged Terminal Air Conditioners	NEW	28%
2029	C_Other	Com - Packaged Terminal Air Conditioners	RET	31%
2029	C_Other	Com - Packaged Terminal Air Conditioners	ROB	28%
2029	C_Other	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_Other	Com - Packaged Terminal Heat Pumps	RET	34%
2029	C_Other	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_Other	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Other	Com - Room Air Conditioners	NEW	32%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Other	Com - Room Air Conditioners	RET	24%
2029	C_Other	Com - Room Air Conditioners	ROB	32%
2029	C_Other	Com - RTU with Demand Control	RET	2%
2029	C_Other	Com - Water Source Heat Pump	NEW	20%
2029	C_Other	Com - Water Source Heat Pump	ROB	20%
2029	C_Other	Com - Zero-Energy Doors	RET	73%
2029	C_Restaurant	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_Restaurant	Com - Custom cooling	NEW	38%
2029	C_Restaurant	Com - Custom cooling	RET	49%
2029	C_Restaurant	Com - Custom Lighting	NEW	57%
2029	C_Restaurant	Com - Custom motors	NEW	38%
2029	C_Restaurant	Com - Custom motors	RET	49%
2029	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW	10%
2029	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB	10%
2029	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	66%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2029	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2029	C_Restaurant	Com - Exterior LED fixture	NEW	94%
2029	C_Restaurant	Com - Exterior LED fixture	ROB	94%
2029	C_Restaurant	Com - Exterior LED Lamp	NEW	97%
2029	C_Restaurant	Com - Exterior LED Lamp	ROB	97%
2029	C_Restaurant	Com - Exterior Lighting Controls	RET	54%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW	49%
2029	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB	49%
2029	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW	46%
2029	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB	46%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2029	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2029	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	65%
2029	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	65%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	78%
2029	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	78%
2029	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	45%
2029	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	45%
2029	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	56%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	85%
2029	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	85%
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	5.749m
2029	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	5.749m
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	14.07u
2029	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	14.07u
2029	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Restaurant	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	NEW	65%
2029	C_Restaurant	Com - Low-flow Faucet Aerator	RET	66%
2029	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	37%
2029	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Restaurant	Com - Pre-rinse Spray Valves	RET	50%
2029	C_Restaurant	Com - Room Air Conditioners	NEW	13%
2029	C_Restaurant	Com - Room Air Conditioners	RET	19%
2029	C_Restaurant	Com - Room Air Conditioners	ROB	13%
2029	C_Restaurant	Com - RTU with Demand Control	RET	2%
2029	C_Restaurant	Com - Water Source Heat Pump	NEW	50%
2029	C_Restaurant	Com - Water Source Heat Pump	ROB	50%
2029	C_Restaurant	Com - Zero-Energy Doors	RET	57%
2029	C_Retail	Com - Anti-Sweat Heater Controls	RET	84%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3%
2029	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3%
2029	C_Retail	Com - Custom cooling	NEW	38%
2029	C_Retail	Com - Custom cooling	RET	49%
2029	C_Retail	Com - Custom Lighting	NEW	57%
2029	C_Retail	Com - Custom motors	NEW	38%
2029	C_Retail	Com - Custom motors	RET	49%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	9%
2029	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	9%
2029	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	44%
2029	C_Retail	Com - Exterior LED fixture	NEW	90%
2029	C_Retail	Com - Exterior LED fixture	ROB	90%
2029	C_Retail	Com - Exterior LED Lamp	NEW	95%
2029	C_Retail	Com - Exterior LED Lamp	ROB	95%
2029	C_Retail	Com - Exterior Lighting Controls	RET	54%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	5%
2029	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	5%
2029	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	3%
2029	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	3%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2029	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2029	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2029	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2029	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	40%
2029	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	40%
2029	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	33%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	70%
2029	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	70%
2029	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	4.946m
2029	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	4.946m
2029	C_Retail	Com - Interior Network Connected LED Lamps	NEW	108.6u
2029	C_Retail	Com - Interior Network Connected LED Lamps	ROB	108.6u
2029	C_Retail	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_Retail	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	10%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	RET	22%
2029	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	10%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	29%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	RET	37%
2029	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	29%
2029	C_Retail	Com - Room Air Conditioners	NEW	13%
2029	C_Retail	Com - Room Air Conditioners	RET	20%
2029	C_Retail	Com - Room Air Conditioners	ROB	13%
2029	C_Retail	Com - RTU with Demand Control	RET	67%
2029	C_Retail	Com - Water Source Heat Pump	NEW	6%
2029	C_Retail	Com - Water Source Heat Pump	ROB	6%
2029	C_Retail	Com - Zero-Energy Doors	RET	42%
2029	C_School	Com - Anti-Sweat Heater Controls	RET	76%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2029	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2029	C_School	Com - Custom cooling	NEW	38%
2029	C_School	Com - Custom cooling	RET	49%
2029	C_School	Com - Custom Lighting	NEW	57%
2029	C_School	Com - Custom motors	NEW	38%
2029	C_School	Com - Custom motors	RET	49%
2029	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2029	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	24%
2029	C_School	Com - Direct Evaporative Pre-Cooling	NEW	6%
2029	C_School	Com - Direct Evaporative Pre-Cooling	ROB	6%
2029	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	32%
2029	C_School	Com - Exterior LED fixture	NEW	8%
2029	C_School	Com - Exterior LED fixture	ROB	8%
2029	C_School	Com - Exterior LED Lamp	NEW	15%
2029	C_School	Com - Exterior LED Lamp	ROB	15%
2029	C_School	Com - Exterior Lighting Controls	RET	40%
2029	C_School	Com - High Efficiency Central Heat Pump System	NEW	5%
2029	C_School	Com - High Efficiency Central Heat Pump System	ROB	5%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2029	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2029	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2029	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2029	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2029	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2029	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2029	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	37%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	86%
2029	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	86%
2029	C_School	Com - Interior Network Connected LED Fixtures	NEW	3.317m
2029	C_School	Com - Interior Network Connected LED Fixtures	ROB	3.317m
2029	C_School	Com - Interior Network Connected LED Lamps	NEW	764.5u
2029	C_School	Com - Interior Network Connected LED Lamps	ROB	764.5u
2029	C_School	Com - LED Refrigerated Case Lighting	NEW	10%
2029	C_School	Com - LED Refrigerated Case Lighting	RET	20%
2029	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2029	C_School	Com - Low-flow Faucet Aerator	RET	67%
2029	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2029	C_School	Com - Packaged Terminal Air Conditioners	NEW	8%
2029	C_School	Com - Packaged Terminal Air Conditioners	RET	7%
2029	C_School	Com - Packaged Terminal Air Conditioners	ROB	8%
2029	C_School	Com - Packaged Terminal Heat Pumps	NEW	28%
2029	C_School	Com - Packaged Terminal Heat Pumps	RET	28%
2029	C_School	Com - Packaged Terminal Heat Pumps	ROB	28%
2029	C_School	Com - Pre-rinse Spray Valves	RET	50%
2029	C_School	Com - Room Air Conditioners	NEW	10%
2029	C_School	Com - Room Air Conditioners	RET	2%
2029	C_School	Com - Room Air Conditioners	ROB	10%
2029	C_School	Com - RTU with Demand Control	RET	2%
2029	C_School	Com - Water Source Heat Pump	NEW	6%
2029	C_School	Com - Water Source Heat Pump	ROB	6%
2029	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	71%
2029	C_Warehouse	Com - Custom cooling	NEW	38%
2029	C_Warehouse	Com - Custom cooling	RET	49%
2029	C_Warehouse	Com - Custom Lighting	NEW	57%
2029	C_Warehouse	Com - Custom motors	NEW	38%
2029	C_Warehouse	Com - Custom motors	RET	49%
2029	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2029	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB		6%
2029	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		33%
2029	C_Warehouse	Com - Exterior LED fixture	NEW		90%
2029	C_Warehouse	Com - Exterior LED fixture	ROB		90%
2029	C_Warehouse	Com - Exterior LED Lamp	NEW		95%
2029	C_Warehouse	Com - Exterior LED Lamp	ROB		95%
2029	C_Warehouse	Com - Exterior Lighting Controls	RET		52%
2029	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW		4%
2029	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB		4%
2029	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW		2%
2029	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB		2%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		24%
2029	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		24%
2029	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		62%
2029	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		62%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		66%
2029	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		66%
2029	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		21%
2029	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		21%
2029	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		44%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		83%
2029	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		83%
2029	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	6.937m	
2029	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	6.937m	
2029	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	56.69u	
2029	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	56.69u	
2029	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW		10%
2029	C_Warehouse	Com - LED Refrigerated Case Lighting	RET		20%
2029	C_Warehouse	Com - New Construction - Lighting Power Density	NEW		67%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW		29%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET		34%
2029	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB		29%
2029	C_Warehouse	Com - Room Air Conditioners	NEW		32%
2029	C_Warehouse	Com - Room Air Conditioners	RET		32%
2029	C_Warehouse	Com - Room Air Conditioners	ROB		32%
2029	C_Warehouse	Com - RTU with Demand Control	RET		2%
2029	C_Warehouse	Com - Water Source Heat Pump	NEW		6%
2029	C_Warehouse	Com - Water Source Heat Pump	ROB		6%
2029	C_Warehouse	Com - Zero-Energy Doors	RET		25%
2029	I_Agriculture	Ind - Air Compressor Optimization	RET		41%
2029	I_Agriculture	Ind - Dew Point Controls	RET		30%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW		71%
2029	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB		71%
2029	I_Agriculture	Ind - Mist Eliminators	RET		24%
2029	I_Agriculture	Ind - No Air Loss Drain	RET		35%
2029	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET		88%
2029	I_Manufacturing	Ind - Air Compressor Optimization	RET		44%
2029	I_Manufacturing	Ind - Dew Point Controls	RET		30%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW		73%
2029	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB		73%
2029	I_Manufacturing	Ind - Mist Eliminators	RET		24%
2029	I_Manufacturing	Ind - No Air Loss Drain	RET		30%
2029	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET		87%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET		65%
2029	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET		3%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		82%
2029	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		84%
2029	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		6%
2029	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		6%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET		72%
2029	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET		72%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		83%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET		90%
2029	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		83%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		23%
2029	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		23%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW		19%
2029	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB		19%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m	
2029	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m	
2029	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2029	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		89%
2029	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2029	R_Manufactured	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2029	R_Manufactured	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2029	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET		75%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		71%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2029	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	86%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	86%
2029	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2029	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2029	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	63%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2029	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	72%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	64%
2029	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	63%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2029	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2029	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	4%
2029	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2029	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	15%
2029	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2029	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.307m
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2029	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2029	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	33%
2029	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	33%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	7%
2029	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	7%
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	39.87u
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	39.87u
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m
2029	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m
2029	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	130.7p
2029	R_Multi Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	130.7p
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	33%
2029	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	32%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	67%
2029	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	67%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2029	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET	90%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET	90%
2029	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET	90%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	90%
2029	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	82%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW	85%
2029	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET	73%
2029	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.517m
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	67%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	67%
2029	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	65%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	4%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	4%
2029	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	4%
2029	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	2%
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2029	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2029	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW	28%
2029	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET	26%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET	64%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2029	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.307m
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2029	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET	18%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET	18%
2029	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET	18%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET	90%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	14%
2029	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	14%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW	21%
2029	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB	21%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.65m
2029	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.65m
2029	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2029	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET	38%
2029	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET	38%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2029	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	51%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2029	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	51%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2029	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2029	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	66%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2029	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2029	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	676.1u
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	61%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	61%
2029	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	60%
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	36.03f
2029	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	13.08u
2029	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	14%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2029	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2029	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	23%
2029	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	65%
2029	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	5%
2029	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	5%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	73%
2029	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	73%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	73%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	43%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	43%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	42%
2029	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	42%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	10%
2029	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	10%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.256m
2029	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.256m
2029	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	79%
2029	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	78%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2029	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	57%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	88%
2029	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	57%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2029	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2029	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	85%
2029	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	75%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	77%
2029	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	63%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	57%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	57%
2029	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	56%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2029	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2029	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	8%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2029	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	16%
2029	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	18%
2029	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	17%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	64%
2029	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	82%
2029	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	84%
2029	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	5%
2029	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	5%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	74%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	74%
2029	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	74%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	83%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2029	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	83%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	27%
2029	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	27%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	25%
2029	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	25%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	5.502m
2029	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	5.502m
2029	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2029	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	89%
2029	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2029	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2029	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	80%
2029	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2029	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2029	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2029	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2029	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	64%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	66%
2029	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	55%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	60%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	59%
2029	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	58%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2029	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	4%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2029	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2029	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	17%
2029	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%
2030	C_College	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2030	C_College	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2030	C_College	Com - Custom cooling	NEW	39%
2030	C_College	Com - Custom cooling	RET	51%
2030	C_College	Com - Custom Lighting	NEW	58%
2030	C_College	Com - Custom motors	NEW	39%
2030	C_College	Com - Custom motors	RET	51%
2030	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_College	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_College	Com - Direct Evaporative Pre-Cooling	NEW	9%
2030	C_College	Com - Direct Evaporative Pre-Cooling	ROB	9%
2030	C_College	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	34%
2030	C_College	Com - Exterior LED fixture	NEW	69%
2030	C_College	Com - Exterior LED fixture	ROB	69%
2030	C_College	Com - Exterior LED Lamp	NEW	83%
2030	C_College	Com - Exterior LED Lamp	ROB	83%
2030	C_College	Com - Exterior Lighting Controls	RET	35%
2030	C_College	Com - High Efficiency Central Heat Pump System	NEW	8%
2030	C_College	Com - High Efficiency Central Heat Pump System	ROB	8%
2030	C_College	Com - High Efficiency Packaged Air Conditioning	NEW	6%
2030	C_College	Com - High Efficiency Packaged Air Conditioning	ROB	6%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	39%
2030	C_College	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	39%
2030	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	41%
2030	C_College	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	41%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	83%
2030	C_College	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	83%
2030	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	43%
2030	C_College	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	43%
2030	C_College	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	35%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	77%
2030	C_College	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	77%
2030	C_College	Com - Interior Network Connected LED Fixtures	NEW	4.152m
2030	C_College	Com - Interior Network Connected LED Fixtures	ROB	4.152m
2030	C_College	Com - Interior Network Connected LED Lamps	NEW	552.2u
2030	C_College	Com - Interior Network Connected LED Lamps	ROB	552.2u
2030	C_College	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_College	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_College	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_College	Com - Packaged Terminal Air Conditioners	NEW	12%
2030	C_College	Com - Packaged Terminal Air Conditioners	RET	22%
2030	C_College	Com - Packaged Terminal Air Conditioners	ROB	12%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_College	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_College	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_College	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_College	Com - Room Air Conditioners	NEW	16%
2030	C_College	Com - Room Air Conditioners	RET	19%
2030	C_College	Com - Room Air Conditioners	ROB	16%
2030	C_College	Com - RTU with Demand Control	RET	2%
2030	C_College	Com - Water Source Heat Pump	NEW	11%
2030	C_College	Com - Water Source Heat Pump	ROB	11%
2030	C_Grocery	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	39%
2030	C_Grocery	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	39%
2030	C_Grocery	Com - Custom cooling	NEW	39%
2030	C_Grocery	Com - Custom cooling	RET	51%
2030	C_Grocery	Com - Custom Lighting	NEW	58%
2030	C_Grocery	Com - Custom motors	NEW	39%
2030	C_Grocery	Com - Custom motors	RET	51%
2030	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Grocery	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	NEW	10%
2030	C_Grocery	Com - Direct Evaporative Pre-Cooling	ROB	10%
2030	C_Grocery	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	55%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Grocery	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Grocery	Com - Exterior LED fixture	NEW	98%
2030	C_Grocery	Com - Exterior LED fixture	ROB	98%
2030	C_Grocery	Com - Exterior LED Lamp	NEW	99%
2030	C_Grocery	Com - Exterior LED Lamp	ROB	99%
2030	C_Grocery	Com - Exterior Lighting Controls	RET	45%
2030	C_Grocery	Com - High Efficiency Central Heat Pump System	NEW	3%
2030	C_Grocery	Com - High Efficiency Central Heat Pump System	ROB	3%
2030	C_Grocery	Com - High Efficiency Packaged Air Conditioning	NEW	1%
2030	C_Grocery	Com - High Efficiency Packaged Air Conditioning	ROB	1%
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2030	C_Grocery	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2030	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2030	C_Grocery	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	81%
2030	C_Grocery	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	81%
2030	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2030	C_Grocery	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2030	C_Grocery	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	45%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2030	C_Grocery	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2030	C_Grocery	Com - Interior Network Connected LED Fixtures	NEW	7.407m
2030	C_Grocery	Com - Interior Network Connected LED Fixtures	ROB	7.407m
2030	C_Grocery	Com - Interior Network Connected LED Lamps	NEW	69.25u
2030	C_Grocery	Com - Interior Network Connected LED Lamps	ROB	69.25u
2030	C_Grocery	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Grocery	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Grocery	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	NEW	29%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	RET	30%
2030	C_Grocery	Com - Packaged Terminal Air Conditioners	ROB	29%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	RET	32%
2030	C_Grocery	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Grocery	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Grocery	Com - Room Air Conditioners	NEW	33%
2030	C_Grocery	Com - Room Air Conditioners	RET	25%
2030	C_Grocery	Com - Room Air Conditioners	ROB	33%
2030	C_Grocery	Com - RTU with Demand Control	RET	2%
2030	C_Grocery	Com - Water Source Heat Pump	NEW	5%
2030	C_Grocery	Com - Water Source Heat Pump	ROB	5%
2030	C_Grocery	Com - Zero-Energy Doors	RET	33%
2030	C_Health	Com - Anti-Sweat Heater Controls	RET	66%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	64%
2030	C_Health	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	64%
2030	C_Health	Com - Custom cooling	NEW	39%
2030	C_Health	Com - Custom cooling	RET	51%
2030	C_Health	Com - Custom Lighting	NEW	58%
2030	C_Health	Com - Custom motors	NEW	39%
2030	C_Health	Com - Custom motors	RET	51%
2030	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Health	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_Health	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_Health	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	38%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Health	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Health	Com - Exterior LED fixture	NEW	70%
2030	C_Health	Com - Exterior LED fixture	ROB	70%
2030	C_Health	Com - Exterior LED Lamp	NEW	83%
2030	C_Health	Com - Exterior LED Lamp	ROB	83%
2030	C_Health	Com - Exterior Lighting Controls	RET	42%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Health	Com - High Efficiency Central Heat Pump System	NEW	40%
2030	C_Health	Com - High Efficiency Central Heat Pump System	ROB	40%
2030	C_Health	Com - High Efficiency Packaged Air Conditioning	NEW	37%
2030	C_Health	Com - High Efficiency Packaged Air Conditioning	ROB	37%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	16%
2030	C_Health	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	16%
2030	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	39%
2030	C_Health	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	39%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	69%
2030	C_Health	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	69%
2030	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	29%
2030	C_Health	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	29%
2030	C_Health	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	37%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	80%
2030	C_Health	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	80%
2030	C_Health	Com - Interior Network Connected LED Fixtures	NEW	9.546m
2030	C_Health	Com - Interior Network Connected LED Fixtures	ROB	9.546m
2030	C_Health	Com - Interior Network Connected LED Lamps	NEW	54.09u
2030	C_Health	Com - Interior Network Connected LED Lamps	ROB	54.09u
2030	C_Health	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Health	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Health	Com - Low-flow Faucet Aerator	NEW	65%
2030	C_Health	Com - Low-flow Faucet Aerator	RET	67%
2030	C_Health	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Health	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Health	Com - Packaged Terminal Air Conditioners	RET	33%
2030	C_Health	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Health	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Health	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_Health	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Health	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Health	Com - Room Air Conditioners	NEW	34%
2030	C_Health	Com - Room Air Conditioners	RET	30%
2030	C_Health	Com - Room Air Conditioners	ROB	34%
2030	C_Health	Com - RTU with Demand Control	RET	2%
2030	C_Health	Com - Water Source Heat Pump	NEW	43%
2030	C_Health	Com - Water Source Heat Pump	ROB	43%
2030	C_Health	Com - Zero-Energy Doors	RET	24%
2030	C_Lodging	Com - Anti-Sweat Heater Controls	RET	74%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	62%
2030	C_Lodging	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	62%
2030	C_Lodging	Com - Custom cooling	NEW	39%
2030	C_Lodging	Com - Custom cooling	RET	51%
2030	C_Lodging	Com - Custom Lighting	NEW	58%
2030	C_Lodging	Com - Custom motors	NEW	39%
2030	C_Lodging	Com - Custom motors	RET	51%
2030	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_Lodging	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	NEW	12%
2030	C_Lodging	Com - Direct Evaporative Pre-Cooling	ROB	12%
2030	C_Lodging	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	50%
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	NEW	75%
2030	C_Lodging	Com - ENERGY STAR Commercial Dishwasher	ROB	75%
2030	C_Lodging	Com - Exterior LED fixture	NEW	84%
2030	C_Lodging	Com - Exterior LED fixture	ROB	84%
2030	C_Lodging	Com - Exterior LED Lamp	NEW	92%
2030	C_Lodging	Com - Exterior LED Lamp	ROB	92%
2030	C_Lodging	Com - Exterior Lighting Controls	RET	33%
2030	C_Lodging	Com - Guest Room Energy Management	RET	36%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	NEW	43%
2030	C_Lodging	Com - High Efficiency Central Heat Pump System	ROB	43%
2030	C_Lodging	Com - High Efficiency Packaged Air Conditioning	NEW	40%
2030	C_Lodging	Com - High Efficiency Packaged Air Conditioning	ROB	40%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	56%
2030	C_Lodging	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	56%
2030	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	59%
2030	C_Lodging	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	59%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	82%
2030	C_Lodging	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	82%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2030	C_Lodging	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2030	C_Lodging	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	17%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	68%
2030	C_Lodging	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	68%
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	NEW	2.543m
2030	C_Lodging	Com - Interior Network Connected LED Fixtures	ROB	2.543m
2030	C_Lodging	Com - Interior Network Connected LED Lamps	NEW	1.074m
2030	C_Lodging	Com - Interior Network Connected LED Lamps	ROB	1.074m
2030	C_Lodging	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Lodging	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Lodging	Com - Low-flow Faucet Aerator	NEW	65%
2030	C_Lodging	Com - Low-flow Faucet Aerator	RET	67%
2030	C_Lodging	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	RET	37%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Lodging	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	NEW	31%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	RET	39%
2030	C_Lodging	Com - Packaged Terminal Heat Pumps	ROB	31%
2030	C_Lodging	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Lodging	Com - Room Air Conditioners	NEW	35%
2030	C_Lodging	Com - Room Air Conditioners	RET	35%
2030	C_Lodging	Com - Room Air Conditioners	ROB	35%
2030	C_Lodging	Com - RTU with Demand Control	RET	2%
2030	C_Lodging	Com - Water Source Heat Pump	NEW	45%
2030	C_Lodging	Com - Water Source Heat Pump	ROB	45%
2030	C_Lodging	Com - Zero-Energy Doors	RET	45%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	NEW	35%
2030	C_Mining/Oil & Gas Extra	Com - Custom cooling	RET	51%
2030	C_Mining/Oil & Gas Extra	Com - Custom Lighting	NEW	51%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	NEW	35%
2030	C_Mining/Oil & Gas Extra	Com - Custom motors	RET	51%
2030	C_Mining/Oil & Gas Extra	Com - New Construction - Lighting Power Density	NEW	65%
2030	C_Mining/Oil & Gas Extra	Ind - Air compressor VFD	RET	9.884m
2030	C_Mining/Oil & Gas Extra	Ind - Air Compressor Optimization	RET	42%
2030	C_Mining/Oil & Gas Extra	Ind - Dew Point Controls	RET	32%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	NEW	67%
2030	C_Mining/Oil & Gas Extra	Ind - LED Lighting for Industrial Applications	ROB	67%
2030	C_Mining/Oil & Gas Extra	Ind - Mist Eliminators	RET	26%
2030	C_Mining/Oil & Gas Extra	Ind - No Air Loss Drain	RET	32%
2030	C_Mining/Oil & Gas Extra	Ind - VFDs on Industrial Fans and Pumps	RET	89%
2030	C_Office	Com - Anti-Sweat Heater Controls	RET	72%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	32%
2030	C_Office	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	32%
2030	C_Office	Com - Custom cooling	NEW	39%
2030	C_Office	Com - Custom cooling	RET	51%
2030	C_Office	Com - Custom Lighting	NEW	58%
2030	C_Office	Com - Custom motors	NEW	39%
2030	C_Office	Com - Custom motors	RET	51%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	NEW	11%
2030	C_Office	Com - Direct Evaporative Pre-Cooling	ROB	11%
2030	C_Office	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	42%
2030	C_Office	Com - Exterior LED fixture	NEW	58%
2030	C_Office	Com - Exterior LED fixture	ROB	58%
2030	C_Office	Com - Exterior LED Lamp	NEW	74%
2030	C_Office	Com - Exterior LED Lamp	ROB	74%
2030	C_Office	Com - Exterior Lighting Controls	RET	41%
2030	C_Office	Com - High Efficiency Central Heat Pump System	NEW	4%
2030	C_Office	Com - High Efficiency Central Heat Pump System	ROB	4%
2030	C_Office	Com - High Efficiency Packaged Air Conditioning	NEW	2%
2030	C_Office	Com - High Efficiency Packaged Air Conditioning	ROB	2%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	43%
2030	C_Office	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	43%
2030	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	56%
2030	C_Office	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	56%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	77%
2030	C_Office	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	77%
2030	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	42%
2030	C_Office	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	42%
2030	C_Office	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	38%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	74%
2030	C_Office	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	74%
2030	C_Office	Com - Interior Network Connected LED Fixtures	NEW	4.117m
2030	C_Office	Com - Interior Network Connected LED Fixtures	ROB	4.117m
2030	C_Office	Com - Interior Network Connected LED Lamps	NEW	467.1u
2030	C_Office	Com - Interior Network Connected LED Lamps	ROB	467.1u
2030	C_Office	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Office	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Office	Com - Low-flow Faucet Aerator	RET	86%
2030	C_Office	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Office	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Office	Com - Packaged Terminal Air Conditioners	RET	33%
2030	C_Office	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Office	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Office	Com - Packaged Terminal Heat Pumps	RET	35%
2030	C_Office	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Office	Com - Room Air Conditioners	NEW	34%
2030	C_Office	Com - Room Air Conditioners	RET	30%
2030	C_Office	Com - Room Air Conditioners	ROB	34%
2030	C_Office	Com - RTU with Demand Control	RET	2%
2030	C_Office	Com - Water Source Heat Pump	NEW	7%
2030	C_Office	Com - Water Source Heat Pump	ROB	7%
2030	C_Office	Com - Zero-Energy Doors	RET	35%
2030	C_Other	Com - Anti-Sweat Heater Controls	RET	63%
2030	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	26%
2030	C_Other	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	26%
2030	C_Other	Com - Custom cooling	NEW	39%
2030	C_Other	Com - Custom cooling	RET	51%
2030	C_Other	Com - Custom Lighting	NEW	58%
2030	C_Other	Com - Custom motors	NEW	39%

Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2030	C_Other	Com - Custom motors	RET		51%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	NEW		10%
2030	C_Other	Com - Direct Evaporative Pre-Cooling	ROB		10%
2030	C_Other	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		70%
2030	C_Other	Com - Exterior LED fixture	NEW		69%
2030	C_Other	Com - Exterior LED fixture	ROB		69%
2030	C_Other	Com - Exterior LED Lamp	NEW		83%
2030	C_Other	Com - Exterior LED Lamp	ROB		83%
2030	C_Other	Com - Exterior Lighting Controls	RET		38%
2030	C_Other	Com - High Efficiency Central Heat Pump System	NEW		17%
2030	C_Other	Com - High Efficiency Central Heat Pump System	ROB		17%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		27%
2030	C_Other	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		27%
2030	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		45%
2030	C_Other	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		45%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		86%
2030	C_Other	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		86%
2030	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		31%
2030	C_Other	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		31%
2030	C_Other	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		36%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		76%
2030	C_Other	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		76%
2030	C_Other	Com - Interior Network Connected LED Fixtures	NEW	5.651m	
2030	C_Other	Com - Interior Network Connected LED Fixtures	ROB	5.651m	
2030	C_Other	Com - Interior Network Connected LED Lamps	NEW	298.6u	
2030	C_Other	Com - Interior Network Connected LED Lamps	ROB	298.6u	
2030	C_Other	Com - LED Refrigerated Case Lighting	NEW		10%
2030	C_Other	Com - LED Refrigerated Case Lighting	RET		23%
2030	C_Other	Com - Low-flow Faucet Aerator	NEW		66%
2030	C_Other	Com - Low-flow Faucet Aerator	RET		69%
2030	C_Other	Com - New Construction - Lighting Power Density	NEW		67%
2030	C_Other	Com - Packaged Terminal Air Conditioners	NEW		30%
2030	C_Other	Com - Packaged Terminal Air Conditioners	RET		32%
2030	C_Other	Com - Packaged Terminal Air Conditioners	ROB		30%
2030	C_Other	Com - Packaged Terminal Heat Pumps	NEW		30%
2030	C_Other	Com - Packaged Terminal Heat Pumps	RET		35%
2030	C_Other	Com - Packaged Terminal Heat Pumps	ROB		30%
2030	C_Other	Com - Pre-rinse Spray Valves	RET		52%
2030	C_Other	Com - Room Air Conditioners	NEW		34%
2030	C_Other	Com - Room Air Conditioners	RET		25%
2030	C_Other	Com - Room Air Conditioners	ROB		34%
2030	C_Other	Com - RTU with Demand Control	RET		2%
2030	C_Other	Com - Water Source Heat Pump	NEW		21%
2030	C_Other	Com - Water Source Heat Pump	ROB		21%
2030	C_Other	Com - Zero-Energy Doors	RET		73%
2030	C_Restaurant	Com - Anti-Sweat Heater Controls	RET		77%
2030	C_Restaurant	Com - Custom cooling	NEW		39%
2030	C_Restaurant	Com - Custom cooling	RET		51%
2030	C_Restaurant	Com - Custom Lighting	NEW		58%
2030	C_Restaurant	Com - Custom motors	NEW		39%
2030	C_Restaurant	Com - Custom motors	RET		51%
2030	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW		12%
2030	C_Restaurant	Com - Demand Controlled Ventilation - Commercial Kitchens	RET		25%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	NEW		11%
2030	C_Restaurant	Com - Direct Evaporative Pre-Cooling	ROB		11%
2030	C_Restaurant	Com - ECM motors for reach-in and walk-in coolers and freezers	RET		68%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	NEW		75%
2030	C_Restaurant	Com - ENERGY STAR Commercial Dishwasher	ROB		75%
2030	C_Restaurant	Com - Exterior LED fixture	NEW		95%
2030	C_Restaurant	Com - Exterior LED fixture	ROB		95%
2030	C_Restaurant	Com - Exterior LED Lamp	NEW		97%
2030	C_Restaurant	Com - Exterior LED Lamp	ROB		97%
2030	C_Restaurant	Com - Exterior Lighting Controls	RET		57%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	NEW		50%
2030	C_Restaurant	Com - High Efficiency Central Heat Pump System	ROB		50%
2030	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	NEW		46%
2030	C_Restaurant	Com - High Efficiency Packaged Air Conditioning	ROB		46%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	NEW		43%
2030	C_Restaurant	Com - Interior LED Fixture - High/Medium/Low Bay	ROB		43%
2030	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW		66%
2030	C_Restaurant	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB		66%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	NEW		78%
2030	C_Restaurant	Com - Interior LED Lamp - PAR/BR/MR/A	ROB		78%
2030	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW		46%
2030	C_Restaurant	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB		46%
2030	C_Restaurant	Com - Interior Lighting Controls: occupancy/daylight sensors	RET		59%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW		86%
2030	C_Restaurant	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB		86%
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	NEW	6.972m	
2030	C_Restaurant	Com - Interior Network Connected LED Fixtures	ROB	6.972m	
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	NEW	16.74u	
2030	C_Restaurant	Com - Interior Network Connected LED Lamps	ROB	16.74u	
2030	C_Restaurant	Com - LED Refrigerated Case Lighting	NEW		10%
2030	C_Restaurant	Com - LED Refrigerated Case Lighting	RET		23%
2030	C_Restaurant	Com - Low-flow Faucet Aerator	NEW		65%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_Restaurant	Com - Low-flow Faucet Aerator	RET	67%
2030	C_Restaurant	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	RET	38%
2030	C_Restaurant	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Restaurant	Com - Pre-rinse Spray Valves	RET	52%
2030	C_Restaurant	Com - Room Air Conditioners	NEW	16%
2030	C_Restaurant	Com - Room Air Conditioners	RET	20%
2030	C_Restaurant	Com - Room Air Conditioners	ROB	16%
2030	C_Restaurant	Com - RTU with Demand Control	RET	2%
2030	C_Restaurant	Com - Water Source Heat Pump	NEW	51%
2030	C_Restaurant	Com - Water Source Heat Pump	ROB	51%
2030	C_Restaurant	Com - Zero-Energy Doors	RET	58%
2030	C_Retail	Com - Anti-Sweat Heater Controls	RET	85%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	3%
2030	C_Retail	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	3%
2030	C_Retail	Com - Custom cooling	NEW	39%
2030	C_Retail	Com - Custom cooling	RET	51%
2030	C_Retail	Com - Custom Lighting	NEW	58%
2030	C_Retail	Com - Custom motors	NEW	39%
2030	C_Retail	Com - Custom motors	RET	51%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	NEW	10%
2030	C_Retail	Com - Direct Evaporative Pre-Cooling	ROB	10%
2030	C_Retail	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	46%
2030	C_Retail	Com - Exterior LED fixture	NEW	90%
2030	C_Retail	Com - Exterior LED fixture	ROB	90%
2030	C_Retail	Com - Exterior LED Lamp	NEW	95%
2030	C_Retail	Com - Exterior LED Lamp	ROB	95%
2030	C_Retail	Com - Exterior Lighting Controls	RET	56%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	NEW	6%
2030	C_Retail	Com - High Efficiency Central Heat Pump System	ROB	6%
2030	C_Retail	Com - High Efficiency Packaged Air Conditioning	NEW	4%
2030	C_Retail	Com - High Efficiency Packaged Air Conditioning	ROB	4%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	38%
2030	C_Retail	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	38%
2030	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	66%
2030	C_Retail	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	66%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	68%
2030	C_Retail	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	68%
2030	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	41%
2030	C_Retail	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	41%
2030	C_Retail	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	36%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	72%
2030	C_Retail	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	72%
2030	C_Retail	Com - Interior Network Connected LED Fixtures	NEW	6m
2030	C_Retail	Com - Interior Network Connected LED Fixtures	ROB	6m
2030	C_Retail	Com - Interior Network Connected LED Lamps	NEW	130.2u
2030	C_Retail	Com - Interior Network Connected LED Lamps	ROB	130.2u
2030	C_Retail	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Retail	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Retail	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	NEW	12%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	RET	23%
2030	C_Retail	Com - Packaged Terminal Air Conditioners	ROB	12%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	NEW	30%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	RET	38%
2030	C_Retail	Com - Packaged Terminal Heat Pumps	ROB	30%
2030	C_Retail	Com - Room Air Conditioners	NEW	16%
2030	C_Retail	Com - Room Air Conditioners	RET	22%
2030	C_Retail	Com - Room Air Conditioners	ROB	16%
2030	C_Retail	Com - RTU with Demand Control	RET	67%
2030	C_Retail	Com - Water Source Heat Pump	NEW	7%
2030	C_Retail	Com - Water Source Heat Pump	ROB	7%
2030	C_Retail	Com - Zero-Energy Doors	RET	44%
2030	C_School	Com - Anti-Sweat Heater Controls	RET	77%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	NEW	36%
2030	C_School	Com - Chillers (air cooled, centrifugal, scoll/screw)	ROB	36%
2030	C_School	Com - Custom cooling	NEW	39%
2030	C_School	Com - Custom cooling	RET	51%
2030	C_School	Com - Custom Lighting	NEW	58%
2030	C_School	Com - Custom motors	NEW	39%
2030	C_School	Com - Custom motors	RET	51%
2030	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	NEW	12%
2030	C_School	Com - Demand Controlled Ventilation - Commercial Kitchens	RET	25%
2030	C_School	Com - Direct Evaporative Pre-Cooling	NEW	7%
2030	C_School	Com - Direct Evaporative Pre-Cooling	ROB	7%
2030	C_School	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	34%
2030	C_School	Com - Exterior LED fixture	NEW	10%
2030	C_School	Com - Exterior LED fixture	ROB	10%
2030	C_School	Com - Exterior LED Lamp	NEW	20%
2030	C_School	Com - Exterior LED Lamp	ROB	20%
2030	C_School	Com - Exterior Lighting Controls	RET	42%
2030	C_School	Com - High Efficiency Central Heat Pump System	NEW	5%
2030	C_School	Com - High Efficiency Central Heat Pump System	ROB	5%
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	40%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	C_School	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	40%
2030	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	57%
2030	C_School	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	57%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	74%
2030	C_School	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	74%
2030	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	39%
2030	C_School	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	39%
2030	C_School	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	39%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	87%
2030	C_School	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	87%
2030	C_School	Com - Interior Network Connected LED Fixtures	NEW	4.033m
2030	C_School	Com - Interior Network Connected LED Fixtures	ROB	4.033m
2030	C_School	Com - Interior Network Connected LED Lamps	NEW	925.1u
2030	C_School	Com - Interior Network Connected LED Lamps	ROB	925.1u
2030	C_School	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_School	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_School	Com - Low-flow Faucet Aerator	NEW	66%
2030	C_School	Com - Low-flow Faucet Aerator	RET	68%
2030	C_School	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_School	Com - Packaged Terminal Air Conditioners	NEW	10%
2030	C_School	Com - Packaged Terminal Air Conditioners	RET	8%
2030	C_School	Com - Packaged Terminal Air Conditioners	ROB	10%
2030	C_School	Com - Packaged Terminal Heat Pumps	NEW	29%
2030	C_School	Com - Packaged Terminal Heat Pumps	RET	29%
2030	C_School	Com - Packaged Terminal Heat Pumps	ROB	29%
2030	C_School	Com - Pre-rinse Spray Valves	RET	52%
2030	C_School	Com - Room Air Conditioners	NEW	12%
2030	C_School	Com - Room Air Conditioners	RET	2%
2030	C_School	Com - Room Air Conditioners	ROB	12%
2030	C_School	Com - RTU with Demand Control	RET	2%
2030	C_School	Com - Water Source Heat Pump	NEW	6%
2030	C_School	Com - Water Source Heat Pump	ROB	6%
2030	C_Warehouse	Com - Anti-Sweat Heater Controls	RET	72%
2030	C_Warehouse	Com - Custom cooling	NEW	39%
2030	C_Warehouse	Com - Custom cooling	RET	51%
2030	C_Warehouse	Com - Custom Lighting	NEW	58%
2030	C_Warehouse	Com - Custom motors	NEW	39%
2030	C_Warehouse	Com - Custom motors	RET	51%
2030	C_Warehouse	Com - Direct Evaporative Pre-Cooling	NEW	6%
2030	C_Warehouse	Com - Direct Evaporative Pre-Cooling	ROB	6%
2030	C_Warehouse	Com - ECM motors for reach-in and walk-in coolers and freezers	RET	35%
2030	C_Warehouse	Com - Exterior LED fixture	NEW	91%
2030	C_Warehouse	Com - Exterior LED fixture	ROB	91%
2030	C_Warehouse	Com - Exterior LED Lamp	NEW	95%
2030	C_Warehouse	Com - Exterior LED Lamp	ROB	95%
2030	C_Warehouse	Com - Exterior Lighting Controls	RET	54%
2030	C_Warehouse	Com - High Efficiency Central Heat Pump System	NEW	5%
2030	C_Warehouse	Com - High Efficiency Central Heat Pump System	ROB	5%
2030	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	NEW	3%
2030	C_Warehouse	Com - High Efficiency Packaged Air Conditioning	ROB	3%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	NEW	25%
2030	C_Warehouse	Com - Interior LED Fixture - High/Medium/Low Bay	ROB	25%
2030	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	NEW	63%
2030	C_Warehouse	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications)	ROB	63%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	NEW	66%
2030	C_Warehouse	Com - Interior LED Lamp - PAR/BR/MR/A	ROB	66%
2030	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	NEW	23%
2030	C_Warehouse	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers)	ROB	23%
2030	C_Warehouse	Com - Interior Lighting Controls: occupancy/daylight sensors	RET	47%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	NEW	84%
2030	C_Warehouse	Com - Interior Linear Lamp (including high, medium, low bay lamps)	ROB	84%
2030	C_Warehouse	Com - Interior Network Connected LED Fixtures	NEW	8.441m
2030	C_Warehouse	Com - Interior Network Connected LED Fixtures	ROB	8.441m
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	NEW	67.78u
2030	C_Warehouse	Com - Interior Network Connected LED Lamps	ROB	67.78u
2030	C_Warehouse	Com - LED Refrigerated Case Lighting	NEW	10%
2030	C_Warehouse	Com - LED Refrigerated Case Lighting	RET	23%
2030	C_Warehouse	Com - New Construction - Lighting Power Density	NEW	67%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	NEW	30%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	RET	35%
2030	C_Warehouse	Com - Packaged Terminal Air Conditioners	ROB	30%
2030	C_Warehouse	Com - Room Air Conditioners	NEW	34%
2030	C_Warehouse	Com - Room Air Conditioners	RET	33%
2030	C_Warehouse	Com - Room Air Conditioners	ROB	34%
2030	C_Warehouse	Com - RTU with Demand Control	RET	2%
2030	C_Warehouse	Com - Water Source Heat Pump	NEW	8%
2030	C_Warehouse	Com - Water Source Heat Pump	ROB	8%
2030	C_Warehouse	Com - Zero-Energy Doors	RET	27%
2030	I_Agriculture	Ind - Air compressor VFD	RET	9.884m
2030	I_Agriculture	Ind - Air Compressor Optimization	RET	42%
2030	I_Agriculture	Ind - Dew Point Controls	RET	32%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	NEW	72%
2030	I_Agriculture	Ind - LED Lighting for Industrial Applications	ROB	72%
2030	I_Agriculture	Ind - Mist Eliminators	RET	26%
2030	I_Agriculture	Ind - No Air Loss Drain	RET	37%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	I_Agriculture	Ind - VFDs on Industrial Fans and Pumps	RET	90%
2030	I_Manufacturing	Ind - Air compressor VFD	RET	9.884m
2030	I_Manufacturing	Ind - Air Compressor Optimization	RET	45%
2030	I_Manufacturing	Ind - Dew Point Controls	RET	32%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	NEW	75%
2030	I_Manufacturing	Ind - LED Lighting for Industrial Applications	ROB	75%
2030	I_Manufacturing	Ind - Mist Eliminators	RET	26%
2030	I_Manufacturing	Ind - No Air Loss Drain	RET	32%
2030	I_Manufacturing	Ind - VFDs on Industrial Fans and Pumps	RET	89%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2030	R_Manufactured	Res - Ceiling Insulation - Space Heating - GH + EC	RET	3%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Manufactured	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	7%
2030	R_Manufactured	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	7%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - EH + EC	RET	73%
2030	R_Manufactured	Res - Duct Sealing - Space Heating - GH + EC	RET	73%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Manufactured	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	25%
2030	R_Manufactured	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	25%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	NEW	20%
2030	R_Manufactured	Res - Evaporative Cooling - 100% Applicable	ROB	20%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m
2030	R_Manufactured	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m
2030	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	8%
2030	R_Manufactured	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	8%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Manufactured	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Manufactured	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Manufactured	Res - Infiltration Reduction - Space Heating - EH + EC	RET	76%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	71%
2030	R_Manufactured	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	71%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	87%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	87%
2030	R_Manufactured	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - EH + EC	RET	95%
2030	R_Manufactured	Res - Linear LEDs - Space Heating - GH + EC	RET	95%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	76%
2030	R_Manufactured	Res - Low-flow Faucet Aerator - 100% Applicable	RET	67%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	NEW	84%
2030	R_Manufactured	Res - Low-flow Showerheads - 100% Applicable	RET	75%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	65%
2030	R_Manufactured	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	64%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - EH + EC	NEW	10%
2030	R_Manufactured	Res - Smart Thermostat - Space Heating - GH + EC	NEW	10%
2030	R_Manufactured	Res - Smart/Wifi Plugs - 100% Applicable	RET	5%
2030	R_Manufactured	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2030	R_Manufactured	Res - Whole House Fans - 100% Applicable	NEW	15%
2030	R_Manufactured	Res - Whole House Fans - 100% Applicable	RET	13%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	65%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	63%
2030	R_Multi Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.349m
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Multi Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	7%
2030	R_Multi Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	7%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + EC	RET	14%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - EH + NC	RET	14%
2030	R_Multi Family	Res - Duct Sealing - Space Heating - GH + EC	RET	14%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Multi Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	35%
2030	R_Multi Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	35%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	NEW	9%
2030	R_Multi Family	Res - Evaporative Cooling - 100% Applicable	ROB	9%
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	46.26u
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	46.26u

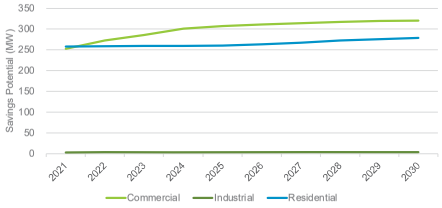
Year	Customer Segment	Measure	Replacement Type	Efficient	Saturation
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m	
2030	R_Multi Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m	
2030	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		12%
2030	R_Multi Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		12%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		94%
2030	R_Multi Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2030	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	146.4p	
2030	R_Multi Family	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	146.4p	
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET		33%
2030	R_Multi Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET		32%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET		67%
2030	R_Multi Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB		67%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW		54%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET		87%
2030	R_Multi Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB		54%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + EC	RET		90%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - EH + NC	RET		90%
2030	R_Multi Family	Res - Linear LEDs - Space Heating - GH + EC	RET		90%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW		90%
2030	R_Multi Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET		84%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	NEW		85%
2030	R_Multi Family	Res - Low-flow Showerheads - 100% Applicable	RET		76%
2030	R_Multi Family	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	1.517m	
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW		68%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW		68%
2030	R_Multi Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW		67%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW		4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW		4%
2030	R_Multi Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW		4%
2030	R_Multi Family	Res - Smart/Wifi Plugs - 100% Applicable	RET		3%
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + EC	RET		16%
2030	R_Multi Family	Res - Wall Insulation - Space Heating - EH + NC	RET		7%
2030	R_Multi Family	Res - Whole House Fans - 100% Applicable	NEW		28%
2030	R_Multi Family	Res - Whole House Fans - 100% Applicable	RET		26%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + EC	RET		65%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - EH + NC	RET		63%
2030	R_Multi Family Low Incon	Res - Ceiling Insulation - Space Heating - GH + EC	RET	5.349m	
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET		83%
2030	R_Multi Family Low Incon	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET		85%
2030	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW		7%
2030	R_Multi Family Low Incon	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB		7%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + EC	RET		18%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - EH + NC	RET		18%
2030	R_Multi Family Low Incon	Res - Duct Sealing - Space Heating - GH + EC	RET		18%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW		84%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB		84%
2030	R_Multi Family Low Incon	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC	RET		90%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW		17%
2030	R_Multi Family Low Incon	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB		17%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	NEW		22%
2030	R_Multi Family Low Incon	Res - Evaporative Cooling - 100% Applicable	ROB		22%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW		0%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB		0%
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.902m	
2030	R_Multi Family Low Incon	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.902m	
2030	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	NEW		8%
2030	R_Multi Family Low Incon	Res - High Efficiency Air Conditioner - 100% Applicable	ROB		8%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW		100%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET		94%
2030	R_Multi Family Low Incon	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB		100%
2030	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW		0%
2030	R_Multi Family Low Incon	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB		0%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + EC	RET		39%
2030	R_Multi Family Low Incon	Res - Infiltration Reduction - Space Heating - EH + NC	RET		38%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW		26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET		26%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	26%
2030	R_Multi Family Low Incon	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	26%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	53%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	83%
2030	R_Multi Family Low Incon	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	53%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + EC	RET	33%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - EH + NC	RET	33%
2030	R_Multi Family Low Incon	Res - Linear LEDs - Space Heating - GH + EC	RET	33%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	77%
2030	R_Multi Family Low Incon	Res - Low-flow Faucet Aerator - 100% Applicable	RET	69%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	NEW	68%
2030	R_Multi Family Low Incon	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2030	R_Multi Family Low Incon	Res - Occupancy Sensors (for MF common areas) - 100% Applicable	RET	676.4u
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	64%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	63%
2030	R_Multi Family Low Incon	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	62%
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + EC	NEW	0%
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - EH + NC	NEW	35.96f
2030	R_Multi Family Low Incon	Res - Smart Thermostat - Space Heating - GH + EC	NEW	13.49u
2030	R_Multi Family Low Incon	Res - Smart/Wifi Plugs - 100% Applicable	RET	15%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + EC	RET	16%
2030	R_Multi Family Low Incon	Res - Wall Insulation - Space Heating - EH + NC	RET	7%
2030	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	NEW	23%
2030	R_Multi Family Low Incon	Res - Whole House Fans - 100% Applicable	RET	21%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + EC	RET	67%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - EH + NC	RET	66%
2030	R_Single Family	Res - Ceiling Insulation - Space Heating - GH + EC	RET	6%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Single Family	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2030	R_Single Family	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + EC	RET	74%
2030	R_Single Family	Res - Duct Sealing - Space Heating - EH + NC	RET	74%
2030	R_Single Family	Res - Duct Sealing - Space Heating - GH + EC	RET	74%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Single Family	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	44%
2030	R_Single Family	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	44%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	NEW	11%
2030	R_Single Family	Res - Evaporative Cooling - 100% Applicable	ROB	11%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	13%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	13%
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	7.434m
2030	R_Single Family	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	7.434m
2030	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2030	R_Single Family	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Single Family	Res - Indirect -Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + EC	RET	79%
2030	R_Single Family	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	69%
2030	R_Single Family	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	69%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	59%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	88%
2030	R_Single Family	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	59%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + EC	RET	35%
2030	R_Single Family	Res - Linear LEDs - Space Heating - EH + NC	RET	35%
2030	R_Single Family	Res - Linear LEDs - Space Heating - GH + EC	RET	35%

Year	Customer Segment	Measure	Replacement Type	Efficient Saturation
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	86%
2030	R_Single Family	Res - Low-flow Faucet Aerator - 100% Applicable	RET	78%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	NEW	77%
2030	R_Single Family	Res - Low-flow Showerheads - 100% Applicable	RET	68%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	58%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	58%
2030	R_Single Family	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	57%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + EC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - EH + NC	NEW	24%
2030	R_Single Family	Res - Smart Thermostat - Space Heating - GH + EC	NEW	24%
2030	R_Single Family	Res - Smart/Wifi Plugs - 100% Applicable	RET	9%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + EC	RET	24%
2030	R_Single Family	Res - Wall Insulation - Space Heating - EH + NC	RET	16%
2030	R_Single Family	Res - Whole House Fans - 100% Applicable	NEW	18%
2030	R_Single Family	Res - Whole House Fans - 100% Applicable	RET	17%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + EC	RET	66%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - EH + NC	RET	65%
2030	R_Single Family Low Inco	Res - Ceiling Insulation - Space Heating - GH + EC	RET	4%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable	RET	83%
2030	R_Single Family Low Inco	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC	RET	85%
2030	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	NEW	6%
2030	R_Single Family Low Inco	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC	ROB	6%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + EC	RET	75%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - EH + NC	RET	75%
2030	R_Single Family Low Inco	Res - Duct Sealing - Space Heating - GH + EC	RET	75%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	NEW	84%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	RET	90%
2030	R_Single Family Low Inco	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC	ROB	84%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	NEW	30%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - EH + EC	ROB	30%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	NEW	29%
2030	R_Single Family Low Inco	Res - ENERGY STAR Windows - Space Heating - GH + EC	ROB	29%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	NEW	26%
2030	R_Single Family Low Inco	Res - Evaporative Cooling - 100% Applicable	ROB	26%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	NEW	0%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable	ROB	0%
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	NEW	6.539m
2030	R_Single Family Low Inco	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC	ROB	6.539m
2030	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	NEW	12%
2030	R_Single Family Low Inco	Res - High Efficiency Air Conditioner - 100% Applicable	ROB	12%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	NEW	100%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	RET	94%
2030	R_Single Family Low Inco	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable	ROB	100%
2030	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	NEW	0%
2030	R_Single Family Low Inco	Res - Indirect-Direct Evaporative Cooler - 100% Applicable	ROB	0%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + EC	RET	80%
2030	R_Single Family Low Inco	Res - Infiltration Reduction - Space Heating - EH + NC	RET	79%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	RET	54%
2030	R_Single Family Low Inco	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC	ROB	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	NEW	54%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	RET	84%
2030	R_Single Family Low Inco	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC	ROB	54%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + EC	RET	48%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - EH + NC	RET	48%
2030	R_Single Family Low Inco	Res - Linear LEDs - Space Heating - GH + EC	RET	48%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	NEW	75%
2030	R_Single Family Low Inco	Res - Low-flow Faucet Aerator - 100% Applicable	RET	67%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	NEW	67%
2030	R_Single Family Low Inco	Res - Low-flow Showerheads - 100% Applicable	RET	59%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + EC	NEW	61%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - EH + NC	NEW	61%
2030	R_Single Family Low Inco	Res - Programmable Thermostat - Space Heating - GH + EC	NEW	60%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - EH + NC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart Thermostat - Space Heating - GH + EC	NEW	11%
2030	R_Single Family Low Inco	Res - Smart/Wifi Plugs - 100% Applicable	RET	5%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + EC	RET	23%
2030	R_Single Family Low Inco	Res - Wall Insulation - Space Heating - EH + NC	RET	15%
2030	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	NEW	18%
2030	R_Single Family Low Inco	Res - Whole House Fans - 100% Applicable	RET	16%

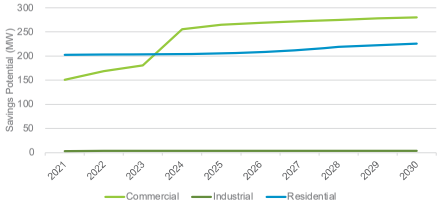
Electric Demand Technical Potential by Sector (MW			
	Commercial	Industrial	Residential
2020	250	4	262
2021	253	4	258
2022	273	4	258
2023	286	4	259
2024	301	4	259
2025	307	4	260
2026	311	4	263
2027	314	4	267
2028	317	4	272
2029	319	4	276
2030	321	4	279

Savings Potential (MW)



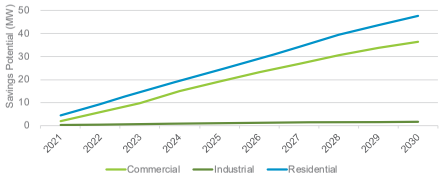
Electric Demand Economic Potential by Sector (MW			
	Commercial	Industrial	Residential
2020	143	3	205
2021	151	3	203
2022	169	3	203
2023	181	3	204
2024	255	3	204
2025	265	3	205
2026	269	3	209
2027	272	3	212
2028	275	3	219
2029	278	3	222
2030	280	4	226

Savings Potential (MW)



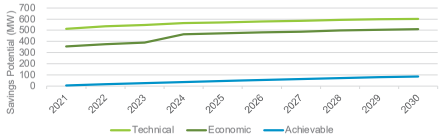
Total Electric Demand Potential by Potential Type (MW			
	Commercial	Industrial	Residential
2020	0	0	0
2021	2	0	4
2022	6	0	9
2023	10	1	15
2024	15	1	20
2025	19	1	24
2026	23	1	29
2027	27	1	34
2028	30	1	39
2029	34	2	44
2030	36	2	48

Savings Potential (MW)



Total Electric Demand Potential by Potential Type (MW			
	Technical	Economic	Achievable
2020	516	352	0
2021	515	357	6
2022	535	375	16
2023	548	388	25
2024	564	463	35
2025	571	473	45
2026	578	481	54
2027	585	488	63
2028	593	497	71
2029	599	504	79
2030	604	510	86

Savings Potential (MW)



Electric Demand Reduced Technical Potential by End Use (MW)

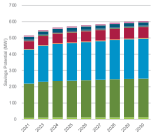
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	10	9	10	10	11	11	11	11	12	12	12
Space Cooling	210	215	216	220	224	228	230	232	235	237	239
Space Heating and Cooling	210	209	217	222	228	231	234	237	241	244	246
Appliances	1	1	1	1	1	1	1	1	1	1	1
Electronics	2	2	2	2	2	2	2	2	2	2	2
Lighting	47	47	53	56	60	62	63	64	65	66	66
Refrigeration	4	4	4	4	4	4	4	4	4	4	4
Whole Building	6	6	6	6	6	6	6	6	6	6	6
Fans, Blowers, Motors, Drives and Pumps	17	18	19	19	20	20	20	20	21	21	21
Cooking	0	0	1	1	1	1	1	1	1	1	1
Compressed Air	6	6	6	6	6	6	6	6	6	6	6
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

Savings Potential (MW)

Electric Demand Reduced Technical Potential by End Use (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Hot Water	12	12	12	12	12	12	12	12	12	12
Space Cooling	242	244	246	247	249	251	252	254	255	256
Space Heating and Cooling	249	251	253	255	257	259	261	263	265	267
Appliances	1	1	1	1	1	1	1	1	1	1
Electronics	2	2	2	2	2	2	2	2	2	2
Lighting	67	67	68	68	68	68	68	68	68	68
Refrigeration	5	5	5	5	5	5	5	5	5	5
Whole Building	6	6	6	6	6	6	6	6	6	6
Fans, Blowers, Motors, Drives and Pumps	22	22	22	22	22	22	22	22	22	22
Cooking	1	1	1	1	1	1	1	1	1	1
Compressed Air	6	6	6	6	6	6	6	6	6	6
Process Cooling	1	1	1	1	1	1	1	1	1	1

Savings Potential (MW)



Electric Demand Reduced Potential by End Use (MW)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	4	5	5	5	6	6	6	6	6	6	6
Space Cooling	116	118	119	119	120	121	121	122	122	123	123
Space Heating and Cooling	128	128	133	135	138	139	141	142	144	145	146
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	40	41	46	50	54	56	58	61	62	63	64
Refrigeration	3	3	3	3	3	3	3	3	3	3	3
Whole Building	6	6	6	6	6	6	6	6	6	6	6
Fans, Blowers, Motors, Drives and Pumps	14	15	16	16	17	17	17	17	18	18	18
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	6	6	6	6	6	6	6	6	6	6	6
Process Cooling	1	1	1	1	1	1	1	1	1	1	1

Savings Potential (MW)

Electric Demand Reduced Potential by End Use (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Hot Water	6	6	6	6	6	6	6	6	6	6
Space Cooling	124	124	125	125	126	126	127	127	128	128
Space Heating and Cooling	148	149	151	152	154	155	157	158	159	161
Appliances	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0
Lighting	65	66	66	66	66	66	66	66	66	66
Refrigeration	3	3	3	3	3	3	3	3	3	3
Whole Building	6	6	6	6	6	6	6	6	6	6
Fans, Blowers, Motors, Drives and Pumps	18	18	18	18	18	18	18	18	18	18
Cooking	0	0	0	0	0	0	0	0	0	0
Compressed Air	6	6	6	6	6	6	6	6	6	6
Process Cooling	1	1	1	1	1	1	1	1	1	1

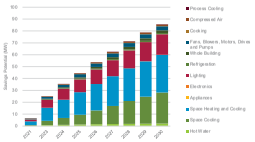
Savings Potential (MW)

Electric Demand Achievable Potential by End Use (MW)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	1	1	1	1	1	1	2	2	2	2
Space Cooling	0	1	2	4	6	8	10	12	14	16	18
Space Heating and Cooling	0	1	7	11	15	19	22	25	28	30	32
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	0	1	4	7	9	11	12	14	15	16	17
Refrigeration	0	0	0	0	0	1	1	1	1	1	1
Whole Building	0	0	0	1	1	1	1	2	2	3	3
Fans, Blowers, Motors, Drives and Pumps	0	0	1	1	1	1	1	1	1	1	1
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	0	0	0	1	1	1	1	1	1	1
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Electric Demand Achievable Potential by End Use (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Hot Water	2	2	2	2	2	2	2	2	2	2
Space Cooling	20	22	24	26	28	30	32	34	36	38
Space Heating and Cooling	35	37	39	41	43	45	47	48	50	51
Appliances	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0
Lighting	18	19	20	21	22	23	23	24	24	25
Refrigeration	1	1	1	1	1	1	1	1	1	1
Whole Building	3	3	3	3	3	3	3	3	3	3
Fans, Blowers, Motors, Drives and Pumps	2	2	2	2	2	2	2	2	2	2
Cooking	0	0	0	0	0	0	0	0	0	0
Compressed Air	1	1	1	1	1	1	1	1	1	1
Process Cooling	0	0	0	0	0	0	0	0	0	0



Electric Demand Achievable Potential by End Use (MW)

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hot Water	0	1	1	1	1	1	1	1	1	1	1
Space Cooling	0	1	2	3	4	5	6	7	8	9	9
Space Heating and Cooling	0	1	2	3	4	5	6	7	8	8	9
Appliances	0	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0	0
Lighting	0	1	2	4	5	7	8	10	11	12	13
Refrigeration	0	0	0	0	0	1	1	1	1	1	1
Whole Building	0	0	0	0	0	0	0	0	0	0	0
Fans, Blowers, Motors, Drives and Pumps	0	0	1	1	1	2	2	2	2	2	3
Cooking	0	0	0	0	0	0	0	0	0	0	0
Compressed Air	0	0	0	0	0	0	0	0	0	0	0
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Electric Demand Achievable Potential by End Use (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Hot Water	2	2	2	2	2	2	2	2	2	2
Space Cooling	10	11	12	13	14	15	16	17	18	19
Space Heating and Cooling	10	11	12	13	14	15	16	17	18	19
Appliances	0	0	0	0	0	0	0	0	0	0
Electronics	0	0	0	0	0	0	0	0	0	0
Lighting	14	15	16	17	18	19	20	21	22	23
Refrigeration	1	1	1	1	1	1	1	1	1	1
Whole Building	3	3	3	3	3	3	3	3	3	3
Fans, Blowers, Motors, Drives and Pumps	3	3	3	3	3	3	3	3	3	3
Cooking	0	0	0	0	0	0	0	0	0	0
Compressed Air	1	1	1	1	1	1	1	1	1	1
Process Cooling	0	0	0	0	0	0	0	0	0	0

Electric Demand Achievable Potential by End Use (MW)

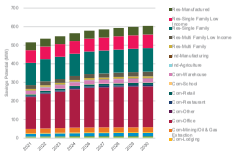
	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Lighting	0	0	0	0	0	0	0	0	0	0	0
Fans, Blowers, Motors, Drives and Pumps	0	0	0	0	1	1	1	1	1	1	1
Compressed Air	0	0	0	0	0	0	0	0	0	0	0
Process Cooling	0	0	0	0	0	0	0	0	0	0	0

Electric Demand Achievable Potential by End Use (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Lighting	0	0	0	0	0	0	0	0	0	0
Fans, Blowers, Motors, Drives and Pumps	1	1	1	1	1	1	1	1	1	1
Compressed Air	0	0	0	0	0	0	0	0	0	0
Process Cooling	0	0	0	0	0	0	0	0	0	0

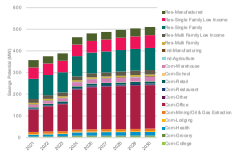
Black Hills Nominal Peak Demand Forecast (MW)

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Com-College	4	4	5	5	5	5	5	5	5	5
Com-Grocery	5	5	5	5	5	5	5	5	5	5
Com-Health	13	13	14	15	16	16	17	17	17	17
Com-Lodging	8	8	8	8	8	8	8	8	8	8
Com-Mining Oil & Gas Extraction	22	23	24	25	26	26	26	26	26	26
Com-Office	171	172	185	194	205	208	212	214	216	218
Com-Other	2	2	3	3	3	3	3	3	3	3
Com-Restaurant	5	5	5	5	5	6	6	6	6	6
Com-Retail	8	8	8	8	8	8	8	8	8	8
Com-School	1	1	1	1	1	1	1	1	1	1
Com-Warehouse	18	18	18	19	20	21	21	21	22	22
Irr-Agriculture	1	1	1	1	1	1	1	1	1	1
Ind-Manufacturing	3	3	3	3	3	3	3	3	3	3
Res-Multi Family	6	6	6	6	6	6	6	6	6	6
Res-Multi Family Low Income	22	21	21	21	22	22	22	23	23	24
Res-Single Family	121	119	119	120	119	120	121	122	126	126
Res-Single Family Low Income	68	68	68	68	68	68	68	70	72	74
Res-Manufactured	43	42	42	42	42	42	43	44	45	46



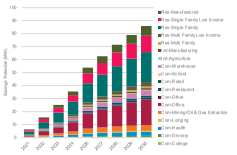
Black Hills Nominal Peak Demand Forecast (MW)

	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040
Com-College	5	5	5	5	5	5	5	5	5	5
Com-Grocery	5	5	5	5	4	4	4	5	5	5
Com-Health	18	18	19	20	20	20	20	20	20	20
Com-Lodging	8	8	8	8	8	8	8	8	8	8
Com-Mining Oil & Gas Extraction	26	26	26	26	26	26	26	26	26	26
Com-Office	220	221	222	223	224	225	226	227	228	229
Com-Other	3	3	3	3	3	3	3	3	3	3
Com-Restaurant	6	6	6	6	6	6	6	6	6	6
Com-Retail	8	8	8	8	8	8	8	8	8	8
Com-School	1	1	1	1	1	1	1	1	1	1
Com-Warehouse	22	23	23	23	23	23	23	23	23	23
Irr-Agriculture	1	1	1	1	1	1	1	1	1	1
Ind-Manufacturing	3	3	3	3	3	3	3	3	3	3
Res-Multi Family	6	6	6	6	6	6	6	6	6	6
Res-Multi Family Low Income	24	24	24	24	24	24	24	24	24	24
Res-Single Family	127	128	128	129	129	130	130	131	131	132
Res-Single Family Low Income	75	76	77	78	79	80	81	82	83	84
Res-Manufactured	46	47	47	48	48	49	49	50	50	51



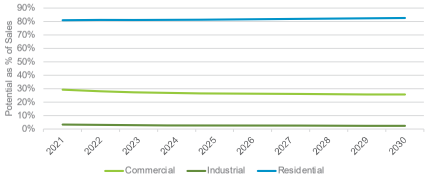
Black Hills Nominal Peak Demand Forecast (MW)

	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050
Com-College	0	0	0	0	0	0	0	0	1	1
Com-Grocery	0	0	0	0	0	0	1	1	1	1
Com-Health	0	0	1	1	1	2	2	3	3	3
Com-Lodging	0	0	0	0	0	0	0	0	0	0
Com-Mining Oil & Gas Extr	0	1	1	2	2	3	3	4	4	4
Com-Office	0	1	2	4	7	9	12	14	16	18
Com-Other	0	0	0	0	0	0	0	0	0	0
Com-Restaurant	0	0	0	0	0	1	1	1	1	1
Com-Retail	0	0	0	0	0	0	0	0	0	0
Com-School	0	0	0	0	0	0	0	0	0	0
Com-Warehouse	0	0	1	1	2	2	3	3	4	4
Irr-Agriculture	0	0	0	0	0	0	0	0	0	0
Ind-Manufacturing	0	0	0	0	1	1	1	1	1	1
Res-Multi Family	0	0	0	0	0	1	1	1	1	1
Res-Multi Family Low Inc	0	0	1	1	1	2	2	3	3	4
Res-Single Family	0	2	5	8	11	13	15	17	19	21
Res-Single Family Low Inc	0	1	3	5	6	8	9	10	11	12
Res-Manufactured	0	1	1	2	3	4	4	5	5	6



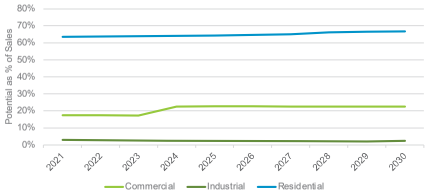
Electric Demand Technical Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	42.3%	31.4%	3.8%	81.0%
2021	39.9%	29.3%	3.4%	81.0%
2022	37.9%	28.1%	3.1%	81.0%
2023	36.7%	27.4%	2.9%	81.2%
2024	35.5%	26.7%	2.7%	81.2%
2025	35.1%	26.4%	2.6%	81.3%
2026	34.9%	26.2%	2.5%	81.6%
2027	34.8%	26.1%	2.5%	81.8%
2028	34.7%	25.9%	2.5%	82.2%
2029	34.7%	25.8%	2.4%	82.4%
2030	34.7%	25.7%	2.4%	82.6%

Potential as % of Sales



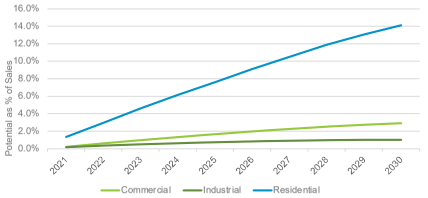
Electric Demand Economic Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	28.8%	17.9%	3.4%	63.6%
2021	27.7%	17.5%	3.1%	63.6%
2022	26.6%	17.4%	2.8%	63.7%
2023	26.0%	17.4%	2.6%	63.9%
2024	29.1%	22.6%	2.4%	64.0%
2025	29.0%	22.7%	2.3%	64.2%
2026	29.0%	22.6%	2.3%	64.6%
2027	29.0%	22.6%	2.3%	65.0%
2028	29.1%	22.5%	2.2%	66.0%
2029	29.2%	22.5%	2.2%	66.4%
2030	29.3%	22.5%	2.4%	66.8%

Potential as % of Sales



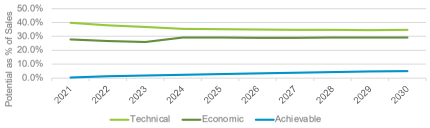
Electric Demand Achievable Potential by Sector as a Percent of Total Sales (%)				
	All	Commercial	Industrial	Residential
2020	0.0%	0.0%	0.0%	0.0%
2021	0.5%	0.2%	0.2%	1.4%
2022	1.1%	0.6%	0.3%	2.9%
2023	1.7%	0.9%	0.5%	4.6%
2024	2.2%	1.3%	0.6%	6.1%
2025	2.7%	1.7%	0.7%	7.6%
2026	3.2%	2.0%	0.8%	9.1%
2027	3.7%	2.2%	0.9%	10.5%
2028	4.2%	2.5%	1.0%	11.9%
2029	4.6%	2.7%	1.0%	13.0%
2030	4.9%	2.9%	1.0%	14.1%

Potential as % of Sales



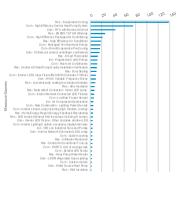
Electric Demand Potential by Potential Type as a Percent of Total Sales (%)			
	Technical	Economic	Achievable
2020	42.3%	28.8%	0.0%
2021	39.9%	27.7%	0.5%
2022	37.9%	26.6%	1.1%
2023	36.7%	26.0%	1.7%
2024	35.5%	29.1%	2.2%
2025	35.1%	29.0%	2.7%
2026	34.9%	29.0%	3.2%
2027	34.8%	29.0%	3.7%
2028	34.7%	29.1%	4.2%
2029	34.7%	29.2%	4.6%
2030	34.7%	29.3%	4.9%

Potential as % of Sales



Part	Measure	Year to Fuel Fuel and Fuel
1	Pilot - Evaporator Cooling	130.4
2	Com - High Efficiency Cool Hot Heat Pump System	76.8
3	Com - RTU with Dx cooling	46.3
4	Pilot - ENERGYSTAR Vitrine	26.4
5	Co m - High Eff Ice mc Package A/ A Condition ning	21.7
6	Pilot - High Eff Ice mc Air Cond ti ner	16.2
7	Com - Chiller s per cooled, cent Fugal, ice Bins	16.0
8	Com - Closed Drop cool ler Pro Cook ie g	17.3
9	Com - Chiller s per cooled, cent Fugal, ice Bins/ wec	16.5
10	Com - Ice mc Vend ng Machine	9.8
11	Ind - Pr ngular cuts - Cavity Formin	10.8
12	Com - Room Air Condition ers	10.8
13	Res - Cent tral A/C/Heat Pu mp (Ju ality Installation Verification v (QIV)	11.0
14	Pilot - Ice mc Vend ng Machine	7.7
15	Com - Ice mc tanc LED Lines / Proto ndfire with Kit (ra ds Traffic no)	8.8
16	Co m - EVCS (Ve hicle Elec tric Service Equipment)	7.7
17	Res - Lave nsivecity coating for vitamin di ensinki ens	8.6
18	Com - Ice mc Vend ng Machine	7.6
19	Res - Material load Co nsiste nt in dear LED Lamp	7.6
20	Com - Ma ins Ma tenck Cos nsmiel LED Fixtu re	6.8
21	Pilot - Ice mc Vend ng Machine	6.7
22	Ind - Ai d Com pressu r Optim ization	6.6
23	Com - New Cond ustion Lab Ins Power Demnis	5.5
24	Co m - Ice mc tanc Line ar Lig ting (including high, in door, low bay to repc)	5.3
25	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	4.9
26	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel ability Lab	4.8
27	Ind - LED Fixtu re / Other (include s all other LED fixtu res to cost-eff ect ive	4.2
28	Co m - Ice mc Light Eng Cost Strin s coupancy daylight ne sours	4.1
29	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	3.9
30	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
31	Com - Cooln m ice Bo g	3.8
32	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
33	Res - Ice mc Ice Ma ker Ice Ca ge/ Ice Ca ge	3.7
34	Co m - DX RTU / U ts of cur ring sooo	3.7
35	Com - Ice mc Ice LED Fixtu re	3.6
36	Res - Heat Pies in Water Heater	2.9
37	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
38	Co m - Co ssion m ers	2.7
39	Com - Water Source Heat Pum p	2.6
40	Res - Water Heat Pumps	2.6

Measure Name



Part	Measure	Year to Fuel Fuel and Fuel
1	Pilot - Evaporator Cooling	130.4
2	Com - High Efficiency Cool Hot Heat Pump System	76.8
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4	Pilot - ENERGYSTAR Vitrine	26.4
5	Com - Packag ed Terrmi al Heat Pum ps	19.1
6	Com - Chiller s per cooled, cent Fugal, ice Bins/ wec	16.5
7	Com - Room Air Condition ers	13.8
8	Com - Closed Drop cool ler Pro Cook ie g	17.3
9	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
10	Com - Ice mc tanc LED Lines / Proto ndfire with Kit (ra ds Traffic no)	8.8
11	Ind - Pr ngular cuts - Cavity Formin	10.8
12	Com - Ice mc Vend ng Machine	9.8
13	Co m - Ice mc Vend ng Machine	7.7
14	Com - Ice mc Vend ng Machine	7.6
15	Pilot - Ice mc Vend ng Machine	6.7
16	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
17	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	4.9
18	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel ability Lab	4.8
19	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
20	Com - Ice mc Ice Ma ker Ice Ca ge / Ice Ca ge	3.7
21	Co m - Co ssion m ers	2.7
22	Com - Water Source Heat Pum p	2.6
23	Res - Water Heat Pumps	2.6
24	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
25	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
26	Com - Cooln m ice Bo g	3.8
27	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
28	Com - Water Source Heat Pum p	2.6
29	Res - Water Heat Pumps	2.6
30	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
31	Co m - Co ssion m ers	2.7
32	Com - Water Source Heat Pum p	2.6
33	Res - Water Heat Pumps	2.6
34	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
35	Co m - Co ssion m ers	2.7
36	Com - Water Source Heat Pum p	2.6
37	Res - Water Heat Pumps	2.6
38	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
39	Co m - Co ssion m ers	2.7
40	Com - Water Source Heat Pum p	2.6

Measure Name

Part	Measure	Year to Fuel Fuel and Fuel
1	Pilot - Evaporator Cooling	130.4
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9	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
10	Com - Ice mc tanc LED Lines / Proto ndfire with Kit (ra ds Traffic no)	8.8
11	Ind - Pr ngular cuts - Cavity Formin	10.8
12	Com - Ice mc Vend ng Machine	9.8
13	Co m - Ice mc Vend ng Machine	7.7
14	Com - Ice mc Vend ng Machine	7.6
15	Pilot - Ice mc Vend ng Machine	6.7
16	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
17	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	4.9
18	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel ability Lab	4.8
19	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
20	Com - Ice mc Ice Ma ker Ice Ca ge / Ice Ca ge	3.7
21	Co m - Co ssion m ers	2.7
22	Com - Water Source Heat Pum p	2.6
23	Res - Water Heat Pumps	2.6
24	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
25	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
26	Com - Cooln m ice Bo g	3.8
27	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
28	Com - Water Source Heat Pum p	2.6
29	Res - Water Heat Pumps	2.6
30	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
31	Co m - Co ssion m ers	2.7
32	Com - Water Source Heat Pum p	2.6
33	Res - Water Heat Pumps	2.6
34	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
35	Co m - Co ssion m ers	2.7
36	Com - Water Source Heat Pum p	2.6
37	Res - Water Heat Pumps	2.6
38	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
39	Co m - Co ssion m ers	2.7
40	Com - Water Source Heat Pum p	2.6

Measure Name

Part	Measure	Year to Fuel Fuel and Fuel
1	Com - High Efficiency Cool Hot Heat Pump System	76.8
2	Com - RTU with Dx cooling	46.3
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6	Com - Chiller s per cooled, cent Fugal, ice Bins/ wec	16.5
7	Com - Room Air Condition ers	13.8
8	Com - Ice mc tanc LED Lines / Proto ndfire with Kit (ra ds Traffic no)	8.8
9	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
10	Com - Ice mc Vend ng Machine	9.8
11	Co m - Ice mc Vend ng Machine	7.7
12	Com - Ice mc Vend ng Machine	7.6
13	Pilot - Ice mc Vend ng Machine	6.7
14	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
15	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	4.9
16	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel ability Lab	4.8
17	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
18	Com - Ice mc Ice Ma ker Ice Ca ge / Ice Ca ge	3.7
19	Co m - Co ssion m ers	2.7
20	Com - Water Source Heat Pum p	2.6
21	Res - Water Heat Pumps	2.6
22	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
23	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
24	Com - Cooln m ice Bo g	3.8
25	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
26	Com - Water Source Heat Pum p	2.6
27	Res - Water Heat Pumps	2.6
28	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
29	Co m - Co ssion m ers	2.7
30	Com - Water Source Heat Pum p	2.6
31	Res - Water Heat Pumps	2.6
32	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
33	Co m - Co ssion m ers	2.7
34	Com - Water Source Heat Pum p	2.6
35	Res - Water Heat Pumps	2.6
36	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
37	Co m - Co ssion m ers	2.7
38	Com - Water Source Heat Pum p	2.6
39	Res - Water Heat Pumps	2.6
40	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8

Measure Name

Part	Measure	Year to Fuel Fuel and Fuel
1	Com - High Efficiency Cool Hot Heat Pump System	76.8
2	Com - RTU with Dx cooling	46.3
3	Com - Packag ed Terrmi al Heat Pum ps	19.1
4	Com - Room Air Condition ers	13.8
5	Com - Closed Drop cool ler Pro Cook ie g	17.3
6	Com - Chiller s per cooled, cent Fugal, ice Bins/ wec	16.5
7	Com - Ice mc tanc LED Lines / Proto ndfire with Kit (ra ds Traffic no)	8.8
8	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
9	Com - Ice mc Vend ng Machine	9.8
10	Co m - Ice mc Vend ng Machine	7.7
11	Com - Ice mc Vend ng Machine	7.6
12	Pilot - Ice mc Vend ng Machine	6.7
13	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
14	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel	4.9
15	Com - Ice mc Ice Ma ker Ice Ca ge / and back Flexible shel ability Lab	4.8
16	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
17	Com - Ice mc Ice Ma ker Ice Ca ge / Ice Ca ge	3.7
18	Co m - Co ssion m ers	2.7
19	Com - Water Source Heat Pum p	2.6
20	Res - Water Heat Pumps	2.6
21	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
22	Com - Ice mc Ice Ma ker Ice Cook ers and LED Lamps	3.8
23	Com - Cooln m ice Bo g	3.8
24	Com - Ice mc Ice Ma ker Ice Ca ge	3.7
25	Com - Water Source Heat Pum p	2.6
26	Res - Water Heat Pumps	2.6
27	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
28	Co m - Co ssion m ers	2.7
29	Com - Water Source Heat Pum p	2.6
30	Res - Water Heat Pumps	2.6
31	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
32	Co m - Co ssion m ers	2.7
33	Com - Water Source Heat Pum p	2.6
34	Res - Water Heat Pumps	2.6
35	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
36	Co m - Co ssion m ers	2.7
37	Com - Water Source Heat Pum p	2.6
38	Res - Water Heat Pumps	2.6
39	Com - Ice mc Ice Ma ker Ice Ca ge & Fitting	2.8
40	Co m - Co ssion m ers	2.7

Measure Cost-Effectiveness Test Results (Utility Cost Test) for 2021

	Measure	Levelized CE All (2021)	Cp Install Inc Pkt yrs0 yr (NPV)
1	Res - Evaporative Co ding - 100% Applicable | NEW | R_Manufactured | Kwh | SF6	$6.20	2.40
2	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home | Kwh | SF6	$6.20	2.40
3	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultF ently | Kwh | SF6	$6.20	2.40
4	Res - Evaporative Co ding - 100% Applicable | RDR | R_Mob Family | Kwh | SF6	$6.20	39.20
5	Res - Evaporative Co ding - 100% Applicable | RDR | R_Mobile Home | Kwh | SF6	$6.20	39.20
6	Res - Evaporative Co ding - 100% Applicable | RDR | R_Mult Family Low Income | Kwh | SF6	$6.20	39.20
7	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family1 Ex | SF6	$6.20	68.91
8	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family2 Ex | SF6	$6.20	68.91
9	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income | Kwh | SF6	$6.20	13.838
10	Res - Evaporative Co ding - 100% Applicable | RDR | R_Single Family_Low Income | Kwh | SF6	$6.20	13.838
11	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Manufactured | Kwh | SF6	$4.74	13.838
12	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_MultF ely | Kwh | SF6	$4.74	13.838
13	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mob Family | Kwh | SF6	$4.74	13.838
14	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$4.74	13.838
15	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$4.74	13.838
16	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family Low Income | Kwh | SF6	$4.74	13.838
17	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$6.21	13.838
18	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$6.21	13.838
19	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$6.21	13.838
20	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$6.21	13.838
21	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$6.21	13.838
22	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$6.21	13.838
23	Inc. Ste At Loss Cross (RET) | Agriculture | Kwh | SF7	$7.41	13.838
24	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$8.62	13.838
25	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mob Family | Kwh | SF6	$8.62	1.40.47
26	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mob Family Low Income | Kwh | SF6	$8.62	1.40.47
27	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mobile Home | Kwh | SF6	$8.62	1.40.47
28	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mobile Home Low Income | Kwh | SF6	$8.62	1.40.47
29	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Manufactured | Kwh | SF6	$11.08	1.46.23
30	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mult Family1 Ex | SF6	$11.08	1.46.23
31	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Mult Family2 Ex | SF6	$11.08	1.46.23
32	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Single Family1 Ex | SF6	$11.08	1.46.23
33	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Single Family2 Ex | SF6	$11.08	1.46.23
34	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Single Family Low Income | Kwh | SF6	$11.08	1.46.23
35	Res - Smart Thermostat - Space Heating - 0H | 1C | NEW | R_Single Family_Low Income | Kwh | SF6	$11.08	1.46.23
36	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family Low Income | Kwh | SF6	$10.81	1.46.23
37	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$10.81	1.46.23
38	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$10.81	1.46.23
39	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$10.81	1.46.23
40	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$10.81	1.46.23
41	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$10.81	1.46.23
42	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$10.81	1.46.23
43	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$10.81	1.46.23
44	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$10.81	1.46.23
45	Res - Evaporative Co ding - 100% Applicable | NEW | R_Manufactured | Kwh | SF6	$14.43	1.49.33
46	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family1 Ex | SF6	$14.43	1.49.33
47	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family2 Ex | SF6	$14.43	1.49.33
48	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family1 Ex | SF6	$14.43	1.49.33
49	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family2 Ex | SF6	$14.43	1.49.33
50	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income | Kwh | SF6	$14.43	1.49.33
51	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family_Low Income | Kwh | SF6	$14.43	1.49.33
52	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$10.81	1.49.79
53	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$10.81	1.49.79
54	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Manufactured | Kwh | SF6	$10.81	1.49.79
55	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$10.81	1.49.79
56	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$10.81	1.49.79
57	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$10.81	1.49.79
58	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$10.81	1.49.79
59	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$10.81	1.49.79
60	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$10.81	1.49.79
61	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$10.81	1.49.79
62	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$10.81	1.49.79
63	Res - Packaged Terminal Heat Pumps | RDR | C_Restaurant | Kwh | SF6	$24.11	1.54.13
64	Res - Packaged Terminal Heat Pumps | NEW | C_Retail | Kwh | SF6	$24.11	1.54.13
65	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Manufactured | Kwh | SF6	$24.01	1.54.31
66	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_MultF ely | Kwh | SF6	$24.01	1.54.31
67	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mob Family | Kwh | SF6	$24.01	1.54.31
68	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$24.01	1.54.31
69	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$24.01	1.54.31
70	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family Low Income | Kwh | SF6	$24.01	1.54.31
71	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$24.98	1.54.31
72	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$24.98	1.54.31
73	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$24.98	1.54.31
74	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$24.98	1.54.31
75	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$24.98	1.54.31
76	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$24.98	1.54.31
77	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$24.98	1.54.31
78	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$24.98	1.54.31
79	Res - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Kwh | SF6	$28.78	1.55.75
80	Res - Packaged Terminal Heat Pumps | NEW | C_Hlth | Kwh | SF6	$28.78	1.55.82
81	Res - Packaged Terminal Heat Pumps | RDR | C_Restaurant | Kwh | SF6	$28.78	1.55.82
82	Res - Packaged Terminal Heat Pumps | RDR | C_Hlth | Kwh | SF6	$28.78	1.55.82
83	Res - Packaged Terminal Heat Pumps | RDR | C_Office | Kwh | SF6	$28.78	1.55.82
84	Res - Packaged Terminal Heat Pumps | NEW | C_Hlth | Kwh | SF6	$28.78	1.55.82
85	Res - Packaged Terminal Heat Pumps | NEW | C_Office | Kwh | SF6	$28.78	1.55.82
86	Res - Packaged Terminal Heat Pumps | NEW | C_Lodging | Kwh | SF6	$28.78	1.55.82
87	Res - Packaged Terminal Heat Pumps | NEW | C_Retail | Kwh | SF6	$28.78	1.55.82
88	Res - Packaged Terminal Heat Pumps | NEW | C_School | Kwh | SF6	$28.78	1.55.82
89	Res - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Kwh | SF6	$28.78	1.55.82
90	Res - Packaged Terminal Heat Pumps | RDR | C_Lodging | Kwh | SF6	$28.78	1.55.82
91	Res - Packaged Terminal Heat Pumps | RDR | C_Grocery | Kwh | SF6	$28.78	1.55.82
92	Res - Packaged Terminal Heat Pumps | RDR | C_Retail | Kwh | SF6	$28.78	1.55.82
93	Res - Packaged Terminal Heat Pumps | RDR | C_School | Kwh | SF6	$28.78	1.55.82
94	Res - Packaged Terminal Heat Pumps | RDR | C_Warehouse | Kwh | SF6	$28.78	1.55.82
95	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Manufactured | Kwh | SF6	$26.49	1.56.74
96	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_MultF ely | Kwh | SF6	$26.49	1.56.74
97	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mob Family | Kwh | SF6	$26.49	1.56.74
98	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$26.49	1.56.74
99	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$26.49	1.56.74
100	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family Low Income | Kwh | SF6	$26.49	1.56.74
101	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$27.58	1.56.74
102	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$27.58	1.56.74
103	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$27.58	1.56.74
104	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$27.58	1.56.74
105	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$27.58	1.56.74
106	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$27.58	1.56.74
107	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$27.58	1.56.74
108	Res - Programmable Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$27.58	1.56.74
109	Res - Evaporative Co ding - 100% Applicable | NEW | R_Manufactured | Kwh | SF6	$34.12	1.59.68
110	Res - Evaporative Co ding - 100% Applicable | NEW | R_MultF ely | Kwh | SF6	$34.12	1.59.68
111	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mob Family | Kwh | SF6	$34.12	1.59.68
112	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home | Kwh | SF6	$34.12	1.59.68
113	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home Low Income | Kwh | SF6	$34.12	1.59.68
114	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family Low Income | Kwh | SF6	$34.12	1.59.68
115	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family1 Ex | SF6	$34.12	1.72.41
116	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family2 Ex | SF6	$34.12	1.72.41
117	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family1 Ex | SF6	$34.12	1.72.41
118	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family2 Ex | SF6	$34.12	1.72.41
119	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income | Kwh | SF6	$34.12	1.72.41
120	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family_Low Income | Kwh | SF6	$34.12	1.72.41
121	Res - Packaged Terminal Heat Pumps | NEW | C_Lodging | Kwh | SF6	$37.43	1.76.79
122	Res - Packaged Terminal Heat Pumps | NEW | C_Retail | Kwh | SF6	$37.43	1.76.79
123	Res - Packaged Terminal Heat Pumps | NEW | C_School | Kwh | SF6	$37.43	1.76.79
124	Res - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Kwh | SF6	$37.43	1.76.79
125	Res - Packaged Terminal Heat Pumps | RDR | C_Lodging | Kwh | SF6	$37.43	1.76.79
126	Res - Packaged Terminal Heat Pumps | RDR | C_Retail | Kwh | SF6	$37.43	1.76.79
127	Res - Packaged Terminal Heat Pumps | RDR | C_School | Kwh | SF6	$37.43	1.76.79
128	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home | Kwh | SF6	$44.22	1.79.66
129	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home Low Income | Kwh | SF6	$44.22	1.79.66
130	Res - Evaporative Co ding - 100% Applicable | NEW | R_Manufactured | Kwh | SF6	$44.22	1.79.66
131	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family1 Ex | SF6	$44.22	1.79.66
132	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family2 Ex | SF6	$44.22	1.79.66
133	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family1 Ex | SF6	$44.22	1.79.66
134	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family2 Ex | SF6	$44.22	1.79.66
135	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family Low Income | Kwh | SF6	$44.22	1.79.66
136	Res - Evaporative Co ding - 100% Applicable | NEW | R_Single Family_Low Income | Kwh | SF6	$44.22	1.79.66
137	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mult Family Low Income | Kwh | SF6	$44.22	1.79.66
138	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home | Kwh | SF6	$44.22	1.79.66
139	Res - Evaporative Co ding - 100% Applicable | NEW | R_Mobile Home Low Income | Kwh | SF6	$44.22	1.79.66
140	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$49.70	1.79.66
141	Res - Room Air Conditioners | NEW | C_Hlth | Kwh | SF6	$49.70	1.79.66
142	Res - Room Air Conditioners | NEW | C_Office | Kwh | SF6	$49.70	1.79.66
143	Res - Room Air Conditioners | NEW | C_Lodging | Kwh | SF6	$49.70	1.79.66
144	Res - Room Air Conditioners | NEW | C_Retail | Kwh | SF6	$49.70	1.79.66
145	Res - Room Air Conditioners | NEW | C_School | Kwh | SF6	$49.70	1.79.66
146	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$49.70	1.79.66
147	Res - Room Air Conditioners | RDR | C_Lodging | Kwh | SF6	$49.70	1.79.66
148	Res - Room Air Conditioners | RDR | C_Retail | Kwh | SF6	$49.70	1.79.66
149	Res - Room Air Conditioners | RDR | C_School | Kwh | SF6	$49.70	1.79.66
150	Res - Room Air Conditioners | RDR | C_Warehouse | Kwh | SF6	$49.70	1.79.66
151	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$49.70	1.79.66
152	Res - Room Air Conditioners | NEW | C_Hlth | Kwh | SF6	$49.70	1.79.66
153	Res - Room Air Conditioners | NEW | C_Office | Kwh | SF6	$49.70	1.79.66
154	Res - Room Air Conditioners | NEW | C_Lodging | Kwh | SF6	$49.70	1.79.66
155	Res - Room Air Conditioners | NEW | C_Retail | Kwh | SF6	$49.70	1.79.66
156	Res - Room Air Conditioners | NEW | C_School | Kwh | SF6	$49.70	1.79.66
157	Res - Room Air Conditioners | NEW | C_Warehouse | Kwh | SF6	$49.70	1.79.66
158	Res - Room Air Conditioners | RDR | C_Restaurant | Kwh | SF6	$49.70	1.79.66
159	Res - Room Air Conditioners | RDR | C_Hlth | Kwh | SF6	$49.70	1.79.66
160	Res - Room Air Conditioners | RDR | C_Office | Kwh | SF6	$49.70	1.79.66
161	Res - Room Air Conditioners | RDR | C_Lodging | Kwh | SF6	$49.70	1.79.66
162	Res - Room Air Conditioners | RDR | C_Retail | Kwh | SF6	$49.70	1.79.66
163	Res - Room Air Conditioners | RDR | C_School | Kwh | SF6	$49.70	1.79.66
164	Res - Room Air Conditioners | RDR | C_Warehouse | Kwh | SF6	$49.70	1.79.66
165	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Restaurant | Kwh | SF6	$49.01	1.79.66
166	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Hlth | Kwh | SF6	$49.01	1.79.66
167	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Office | Kwh | SF6	$49.01	1.79.66
168	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Lodging | Kwh | SF6	$49.01	1.79.66
169	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Retail | Kwh | SF6	$49.01	1.79.66
170	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_School | Kwh | SF6	$49.01	1.79.66
171	Res - ENERGYSTAR Commercial Dehumidifier | NEW | C_Restaurant | Kwh | SF6	$49.01	1.79.66
172	Res - ENERGYSTAR Commercial Dehumidifier | RDR | C_Lodging | Kwh | SF6	$49.01	1.79.66
173	Res - ENERGYSTAR Commercial Dehumidifier | RDR | C_Retail | Kwh | SF6	$49.01	1.79.66
174	Res - ENERGYSTAR Commercial Dehumidifier | RDR | C_School | Kwh | SF6	$49.01	1.79.66
175	Res - ENERGYSTAR Commercial Dehumidifier | RDR | C_Restaurant | Kwh | SF6	$49.01	1.79.66
176	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$49.70	1.89.69
177	Res - Room Air Conditioners | NEW | C_Hlth | Kwh | SF6	$49.70	1.89.69
178	Res - Room Air Conditioners | NEW | C_Office | Kwh | SF6	$49.70	1.89.69
179	Res - Room Air Conditioners | NEW | C_Lodging | Kwh | SF6	$49.70	1.89.69
180	Res - Room Air Conditioners | NEW | C_Retail | Kwh | SF6	$49.70	1.89.69
181	Res - Room Air Conditioners | NEW | C_School | Kwh | SF6	$49.70	1.89.69
182	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$49.70	1.89.69
183	Res - Room Air Conditioners | RDR | C_Lodging | Kwh | SF6	$49.70	1.89.69
184	Res - Room Air Conditioners | RDR | C_Retail | Kwh | SF6	$49.70	1.89.69
185	Res - Room Air Conditioners | RDR | C_School | Kwh | SF6	$49.70	1.89.69
186	Res - Room Air Conditioners | RDR | C_Warehouse | Kwh | SF6	$49.70	1.89.69
187	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Manufactured | Kwh | SF6	$51.58	1.89.69
188	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_MultF ely | Kwh | SF6	$51.58	1.89.69
189	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mob Family | Kwh | SF6	$51.58	1.89.69
190	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mobile Home | Kwh | SF6	$51.58	1.89.69
191	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mobile Home Low Income | Kwh | SF6	$51.58	1.89.69
192	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mult Family Low Income | Kwh | SF6	$51.58	1.89.69
193	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mult Family1 Ex | SF6	$51.58	1.89.69
194	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Mult Family2 Ex | SF6	$51.58	1.89.69
195	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Single Family1 Ex | SF6	$51.58	1.89.69
196	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Single Family2 Ex | SF6	$51.58	1.89.69
197	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Single Family Low Income | Kwh | SF6	$51.58	1.89.69
198	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | NEW | R_Single Family_Low Income | Kwh | SF6	$51.58	1.89.69
199	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Mobile Home | Kwh | SF6	$51.58	1.89.69
200	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Mobile Home Low Income | Kwh | SF6	$51.58	1.89.69
201	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Manufactured | Kwh | SF6	$51.58	1.89.69
202	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Mult Family1 Ex | SF6	$51.58	1.89.69
203	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Mult Family2 Ex | SF6	$51.58	1.89.69
204	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Single Family1 Ex | SF6	$51.58	1.89.69
205	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Single Family2 Ex | SF6	$51.58	1.89.69
206	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Single Family Low Income | Kwh | SF6	$51.58	1.89.69
207	Res - ENERGYSTAR Window - Space Heating - 0H | 1C | RDR | R_Single Family_Low Income | Kwh | SF6	$51.58	1.89.69
208	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$51.58	1.89.69
209	Res - Room Air Conditioners | NEW | C_Hlth | Kwh | SF6	$51.58	1.89.69
210	Res - Room Air Conditioners | NEW | C_Office | Kwh | SF6	$51.58	1.89.69
211	Res - Room Air Conditioners | NEW | C_Lodging | Kwh | SF6	$51.58	1.89.69
212	Res - Room Air Conditioners | NEW | C_Retail | Kwh | SF6	$51.58	1.89.69
213	Res - Room Air Conditioners | NEW | C_School | Kwh | SF6	$51.58	1.89.69
214	Res - Room Air Conditioners | NEW | C_Restaurant | Kwh | SF6	$51.58	1.89.69
215	Res - Room Air Conditioners | RDR | C_Lodging | Kwh | SF6	$51.58	1.89.69
216	Res - Room Air Conditioners | RDR | C_Retail | Kwh | SF6	$51.58	1.89.69
217	Res - Room Air Conditioners | RDR | C_School | Kwh | SF6	$51.58	1.89.69
218	Res - Room Air Conditioners | RDR | C_Warehouse | Kwh | SF6	$51.58	1.89.69
219	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Manufactured | Kwh | SF6	$57.01	1.89.69
220	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_MultF ely | Kwh | SF6	$57.01	1.89.69
221	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mob Family | Kwh | SF6	$57.01	1.89.69
222	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$57.01	1.89.69
223	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$57.01	1.89.69
224	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family Low Income | Kwh | SF6	$57.01	1.89.69
225	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family1 Ex | SF6	$57.01	1.89.69
226	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mult Family2 Ex | SF6	$57.01	1.89.69
227	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family1 Ex | SF6	$57.01	1.89.69
228	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family2 Ex | SF6	$57.01	1.89.69
229	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family Low Income | Kwh | SF6	$57.01	1.89.69
230	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Single Family_Low Income | Kwh | SF6	$57.01	1.89.69
231	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home | Kwh | SF6	$57.01	1.89.69
232	Res - Smart Thermostat - Space Heating - 0H | 1C | RST | R_Mobile Home Low Income | Kwh | SF6	$57.01	1.89.69
233	Res - Heat Pump Water Heater | NEW | C_Restaurant | Kwh | SF6	$57.77	1.89.69
234	Res - Heat Pump

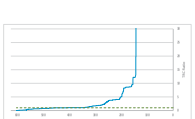
Measure	Levelized Qty at (kWh)	Co-incid Imp Red at (MW)
270 - Conv - Room Air Conditioners	0	0
271 - Conv - Room Air Conditioners	0	0
272 - Conv - Room Air Conditioners	0	0
273 - Conv - Room Air Conditioners	0	0
274 - Conv - Room Air Conditioners	0	0
275 - Conv - Room Air Conditioners	0	0
276 - Conv - Room Air Conditioners	0	0
277 - Conv - Chiller air cooled, w/ ff & pump	0	0
278 - Conv - Chiller air cooled, w/ ff & pump	0	0
279 - Conv - Chiller air cooled, w/ ff & pump	0	0
280 - Conv - Heat Pump Controls	0	0
281 - Conv - Heat Pump Controls	0	0
282 - Conv - Heat Pump Controls	0	0

Measure	Levelized Cost of (2021)	Co-incident Peak Cost of (MFR)
940 - Com - New Construction - Lighting Power Density (14W / LS) - Cl.Off @ 24 hrs/d	$237.41	$14.01
941 - Com - New Construction - Lighting Power Density (14W / LS) - Cl.corrs / Rest 24 Hr	$237.41	$14.01
942 - Com - New Construction - Lighting Power Density (14W / LS) - Cl.Hotel / Rest 24 Hr	$237.41	$14.01
943 - Com - New Construction - Lighting Power Density (14W / LS) - Lib.library / Rest / BPS	$237.41	$14.01
944 - Com - New Construction - Lighting Power Density (14W / LS) - MfrngOth.Gen Other / Rest / BPS	$237.41	$13.53
945 - Com - New Construction - Lighting Power Density (14W / LS) - Mfr.Food / Rest / BPS	$237.41	$13.53
946 - Com - New Construction - Lighting Power Density (14W / LS) - Other / Rest / BPS	$237.41	$27.08
947 - Com - New Construction - Lighting Power Density (14W / LS) - Restaurant / Rest / BPS	$237.41	$27.73
948 - Com - New Construction - Lighting Power Density (14W / LS) - Retail / Rest / BPS	$237.41	$13.53
949 - Com - New Construction - Lighting Power Density (14W / LS) - Warehse / Rest / BPS	$237.41	$13.53
950 - Com - New Construction - Lighting Power Density (14W / LS) - Wholesale / Rest / BPS	$237.41	$13.53
951 - Com - New Construction - Lighting Power Density (14W / LS) - Wholesale / Rest / BPS	$237.41	$13.53
952 - Com - New Construction - Lighting Power Density (14W / LS) - Wholesale / Rest / BPS	$237.41	$13.53

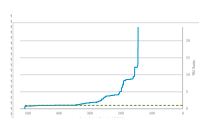
Measure	Levelized Cost of ($/kWh)	Co-benefit net PV cost of (NPV)
810 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Multi Family) | Non | SPS	$429.49	$2.5 %)
811 - Res - High Efficiency Air Conditioner - 100% Applicable (NEW-2, Multi Family Low Income) | Non | SPS	$429.49	$2.5 %)
812 - Res - High Efficiency Air Conditioner - 100% Applicable (NEW-3, Single Family Low Income) | Non | SPS	$429.49	$2.5 %)
813 - Res - High Efficiency Air Conditioner - 100% Applicable (NEW-4, Manufactured) | Non | SPS	$429.49	$2.5 %)
814 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-1, Manufactured) | Non | SPS	$429.49	$2.5 %)
815 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-2, Single Family) | Non | SPS	$429.49	$2.5 %)
816 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-3, Single Family) | Non | SPS	$429.49	$2.5 %)
817 - Res - High Efficiency Air Conditioner - 100% Applicable (NEW-5, Single Family Low Income) | Non | SPS	$429.49	$2.5 %)
818 - Res - High Efficiency Air Conditioner - 100% Applicable (RCB-4, Single Family Low Income) | Non | SPS	$429.49	$2.5 %)
819 - Res - SP-15 Unit of varying sizes | RCB-1, C, Health | Non | SPS	$440.77	$ 28.22
820 - Com - SP-15 Unit of varying sizes | RCB-1, C, College | Non | SPS	$447.79	$2.4 %)
821 - Com - SP-15 Unit of varying sizes | RCB-1, C, Lodging | Non | SPS	$447.79	$2.4 %)
822 - Com - SP-15 Unit of varying sizes | RCB-1, C, College | Non | SPS	$447.79	$2.4 %)
823 - Com - SP-15 Unit of varying sizes | RCB-1, C, Restaurant | Non | SPS	$447.79	$2.4 %)
824 - Com - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Restaurant | Non | SPS	$447.79	$2.4 %)
825 - Com - SP-15 Unit of varying sizes | NEW-1, C, Lab or lab | Non | SPS	$452.73	$ 28.20
826 - Res - Clothes Washer Split Heat Pumps | RCB-1, Single Family | Non | SPS	$453.8	$4.85 %)
827 - Res - Clothes Washer Split Heat Pumps | RCB-1, Lodging | Non | SPS	$453.8	$4.85 %)
828 - Com - High Efficiency Central Heat Pump(Large) | NEW-1, Office | Non | SPS	$460.28	$2.5 %)
829 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-1, Single Family | Non | SPS	$460.49	$4.98 %)
830 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-2, Multi Family Low Income | Non | SPS	$460.49	$4.98 %)
831 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-3, Single Family Low Income | Non | SPS	$460.49	$4.98 %)
832 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-4, Manufactured | Non | SPS	$460.49	$4.98 %)
833 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-1, Manufactured | Non | SPS	$460.49	$4.98 %)
834 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-2, Single Family | Non | SPS	$460.49	$4.98 %)
835 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-3, Single Family | Non | SPS	$460.49	$4.98 %)
836 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-4, Single Family Low Income | Non | SPS	$460.49	$4.98 %)
837 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-5, Multi Family | Non | SPS	$460.49	$4.98 %)
838 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-6, Multi Family Low Income | Non | SPS	$460.49	$4.98 %)
839 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-7, Single Family | Non | SPS	$460.49	$4.98 %)
840 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-8, Single Family Low Income | Non | SPS	$460.49	$4.98 %)
841 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-1, Single Family | Non | SPS	$460.49	$4.98 %)
842 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-2, Multi Family Low Income | Non | SPS	$460.49	$4.98 %)
843 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-3, Single Family Low Income | Non | SPS	$460.49	$4.98 %)
844 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-4, Single Family Low Income | Non | SPS	$460.49	$4.98 %)
845 - Com - SP-15 Unit of varying sizes | NEW-1, C, Elev | Non | SPS	$463.57	$ 28.64
846 - Res - Clothes Washer Split Heat Pumps | RCB-1, Restaurant | Non | SPS	$463.8	$4.85 %)
847 - Res - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | NEW-1, C, Health | Non | SPS	$463.8	$ 28.64
848 - Res - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Health | Non | SPS	$463.8	$ 28.64
849 - Res - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Restaurant | Non | SPS	$463.8	$ 28.64
850 - Com - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Restaurant | Non | SPS	$463.8	$ 28.64
851 - Res - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Health | Non | SPS	$464.24	$2.9 %
852 - Com - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, College | Non | SPS	$464.24	$2.9 %
853 - Res - Ice Makers Commercial LED Fixtures | RCB-1, C, Restaurant | Non | SPS	$471.26	$2.9 %
854 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | NEW-1, Manufactured | Non | SPS	$486.1	$ 30.28
855 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | RCB-1, Manufactured | Non | SPS	$486.1	$ 30.28
856 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | NEW-2, Multi Family | Non | SPS	$486.1	$ 30.28
857 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | RCB-2, Multi Family | Non | SPS	$486.1	$ 30.28
858 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | RCB-3, Multi Family Low Income | Non | SPS	$486.1	$ 30.28
859 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | RCB-4, Multi Family | Non | SPS	$486.1	$ 30.28
860 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | RCB-5, Single Family | Non | SPS	$486.1	$ 30.28
861 - Res - High Efficiency RCWP Equipment - 100 $/Unit - Space Heating - (R1 + E1) | NEW-1, Single Family Low Income | Non | SPS	$486.1	$ 30.28
862 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW-1, Restaurant | Non | SPS	$507.84	$ 30.08
863 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, Restaurant | Non | SPS	$507.84	$ 30.08
864 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-1, Single Family | Non | SPS	$516.18	$ 30.92
865 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-2, Multi Family | Non | SPS	$516.18	$ 30.92
866 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-1, Multi Family | Non | SPS	$516.18	$ 30.92
867 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-3, Multi Family Low Income | Non | SPS	$516.18	$ 30.92
868 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-2, Multi Family Low Income | Non | SPS	$516.18	$ 30.92
869 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-4, Single Family | Non | SPS	$516.18	$ 30.92
870 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-3, Single Family | Non | SPS	$516.18	$ 30.92
871 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-5, Single Family Low Income | Non | SPS	$516.18	$ 30.92
872 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-4, Single Family Low Income | Non | SPS	$516.18	$ 30.92
873 - Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW-1, C, Health | Non | SPS	$522.03	$ 31.26
874 - Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Health | Non | SPS	$522.03	$ 31.26
875 - Com - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | NEW-1, C, Health | Non | SPS	$526.67	$ 28.78
876 - Com - Interior LED Linear Fixture Wall Wash (Includes Tilt Retro) | RCB-1, C, Health | Non | SPS	$526.67	$ 28.78
877 - Res - SP-15 Unit of varying sizes | RCB-1, C, Lodging | Non | SPS	$531.8	$ 30.85
878 - Res - High Efficiency Central Heat Pump(Large) | NEW-1, Office | Non | SPS	$538.65	$ 32.51
879 - Res - Advanced Power Strips - 100% Applicable | RCB-1, Manufactured | Non | SPS	$541.74	$ 33.47
880 - Res - Advanced Power Strips - 100% Applicable | RCB-2, Multi Family | Non | SPS	$541.74	$ 33.47
881 - Res - Advanced Power Strips - 100% Applicable | RCB-3, Multi Family Low Income | Non | SPS	$541.74	$ 33.47
882 - Res - Advanced Power Strips - 100% Applicable | RCB-4, Single Family | Non | SPS	$541.74	$ 33.47
883 - Res - Advanced Power Strips - 100% Applicable | RCB-5, Single Family Low Income | Non | SPS	$541.74	$ 33.47
884 - Res - High Efficiency Packaged Air Conditioning | NEW-1, Manufactured | Non | SPS	$575.1	$ 35.54
885 - Res - High Efficiency Packaged Air Conditioning | NEW-1, Other, Area where | Non | SPS	$575.1	$ 35.54
886 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-1, Manufactured | Non | SPS	$579.9	$ 35.84
887 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-2, Manufactured | Non | SPS	$579.9	$ 35.84
888 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-3, Manufactured | Non | SPS	$579.9	$ 35.84
889 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-1, Manufactured | Non | SPS	$579.9	$ 35.84
890 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-4, Multi Family | Non | SPS	$579.9	$ 35.84
891 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-2, Multi Family | Non | SPS	$579.9	$ 35.84
892 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-5, Multi Family Low Income | Non | SPS	$579.9	$ 35.84
893 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-3, Multi Family Low Income | Non | SPS	$579.9	$ 35.84
894 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-6, Single Family | Non | SPS	$579.9	$ 35.84
895 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-4, Single Family | Non | SPS	$579.9	$ 35.84
896 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-7, Single Family Low Income | Non | SPS	$579.9	$ 35.84
897 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | RCB-5, Single Family Low Income | Non | SPS	$579.9	$ 35.84
898 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-8, Single Family Low Income | Non | SPS	$579.9	$ 35.84
899 - Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - (R1 + E1) | NEW-9, Single Family Low Income | Non | SPS	$579.9	$ 35.84
900 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$581.85	$ 35.99
901 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$581.85	$ 35.99
902 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$581.85	$ 35.99
903 - Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$581.85	$ 35.99
904 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$581.85	$ 35.99
905 - Res - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Elev | Non | SPS	$609.04	$ 37.66
906 - Com - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Elev | Non | SPS	$609.04	$ 37.66
907 - Com - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Health | Non | SPS	$609.04	$ 37.66
908 - Com - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, College | Non | SPS	$609.04	$ 37.66
909 - Com - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Lodging | Non | SPS	$609.04	$ 37.66
910 - Res - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Elev | Non | SPS	$609.04	$ 37.66
911 - Res - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Restaurant | Non | SPS	$609.04	$ 37.66
912 - Res - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Lodging | Non | SPS	$609.04	$ 37.66
913 - Res - Demand Controlled Ventilation - Commercial Kitchens | NEW-1, C, Restaurant | Non | SPS	$609.04	$ 37.66
914 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW-1, C, Elev | Non | SPS	$611.13	$ 37.79
915 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$611.13	$ 37.79
916 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$611.13	$ 37.79
917 - Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$611.13	$ 37.79
918 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Elev | Non | SPS	$611.13	$ 37.79
919 - Res - SP-15 Unit of varying sizes | RCB-1, C, Elev | Non | SPS	$617.71	$ 38.21
920 - Com - SP-15 Unit of varying sizes | RCB-1, C, Elev | Non | SPS	$617.71	$ 38.21
921 - Res - SP-15 Unit of varying sizes | RCB-1, C, Elev | Non | SPS	$617.71	$ 38.21
922 - Res - Zero Energy Doors | RCB-1, C, College | Non | SPS	$661.15	$ 38.45
923 - Com - Zero Energy Doors | RCB-1, C, College | Non | SPS	$661.15	$ 38.45
924 - Com - Zero Energy Doors | RCB-1, C, Elev | Non | SPS	$661.15	$ 38.45
925 - Com - Zero Energy Doors | RCB-1, C, Lodging | Non | SPS	$661.15	$ 38.45
926 - Com - Zero Energy Doors | RCB-1, C, Office | Non | SPS	$661.15	$ 38.45
927 - Com - Zero Energy Doors | RCB-1, C, Restaurant | Non | SPS	$661.15	$ 38.45
928 - Com - Zero Energy Doors | RCB-1, C, Retail | Non | SPS	$661.15	$ 38.45
929 - Com - Zero Energy Doors | RCB-1, C, School | Non | SPS	$661.15	$ 38.45
930 - Com - Zero Energy Doors | RCB-1, C, Warehouse | Non | SPS	$661.15	$ 38.45
931 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW-1, C, Warehouse | Non | SPS	$668.87	$ 38.95
932 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Warehouse | Non | SPS	$668.87	$ 38.95
933 - Res - Leak Repair Natural Gas | NEW-1, C, Lodging | Non | SPS	$736.79	$ 42.87
934 - Res - Leak Repair Natural Gas | NEW-1, C, Restaurant | Non | SPS	$736.79	$ 42.87
935 - Res - Clothes Washer Split Heat Pumps | RCB-1, C, Warehouse | Non | SPS	$774.27	$ 45.07
936 - Res - SP-15 Unit of varying sizes | NEW-1, C, Warehouse | Non | SPS	$807.47	$ 47.00
937 - Res - SP-15 Unit of varying sizes | RCB-1, C, Warehouse | Non | SPS	$807.47	$ 47.00
938 - Com - SP-15 Unit of varying sizes | RCB-1, C, Warehouse | Non | SPS	$807.47	$ 47.00
939 - Res - Heat Pump Water Heater - 100% Applicable | NEW-1, Manufactured | Non | SPS	$1,051.68	$ 61.19
940 - Res - Heat Pump Water Heater - 100% Applicable | RCB-1, Manufactured | Non | SPS	$1,051.68	$ 61.19
941 - Res - Heat Pump Water Heater - 100% Applicable | NEW-2, Multi Family | Non | SPS	$1,051.68	$ 61.19
942 - Res - Heat Pump Water Heater - 100% Applicable | RCB-2, Multi Family | Non | SPS	$1,051.68	$ 61.19
943 - Res - Heat Pump Water Heater - 100% Applicable | NEW-3, Multi Family Low Income | Non | SPS	$1,051.68	$ 61.19
944 - Res - Heat Pump Water Heater - 100% Applicable | RCB-3, Multi Family Low Income | Non | SPS	$1,051.68	$ 61.19
945 - Res - Heat Pump Water Heater - 100% Applicable | NEW-4, Single Family | Non | SPS	$1,051.68	$ 61.19
946 - Res - Heat Pump Water Heater - 100% Applicable | RCB-4, Single Family | Non | SPS	$1,051.68	$ 61.19
947 - Res - Heat Pump Water Heater - 100% Applicable | NEW-5, Single Family Low Income | Non | SPS	$1,051.68	$ 61.19
948 - Res - Heat Pump Water Heater - 100% Applicable | RCB-5, Single Family Low Income | Non | SPS	$1,051.68	$ 61.19
949 - Res - Smart cooling fans - 100% Applicable | NEW-1, Manufactured | Non | SPS	$1,098.93	$ 63.93
950 - Res - Smart cooling fans - 100% Applicable | NEW-2, Multi Family | Non | SPS	$1,098.93	$ 63.93
951 - Res - Smart cooling fans - 100% Applicable | NEW-3, Single Family | Non | SPS	$1,098.93	$ 63.93
952 - Res - Smart cooling fans - 100% Applicable | NEW-4, Single Family Low Income | Non | SPS	$1,098.93	$ 63.93
953 - Res - Smart cooling fans - 100% Applicable | NEW-5, Multi Family | Non | SPS	$1,098.93	$ 63.93
954 - Res - Smart cooling fans - 100% Applicable | NEW-6, Single Family Low Income | Non | SPS	$1,098.93	$ 63.93
955 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-1, C, Elev | Non | SPS	$1,169.09	$ 68.00
956 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-1, C, Health | Non | SPS	$1,169.09	$ 68.00
957 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-1, C, College | Non | SPS	$1,169.09	$ 68.00
958 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-1, C, Lodging | Non | SPS	$1,169.09	$ 68.00
959 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-1, C, Restaurant | Non | SPS	$1,169.09	$ 68.00
960 - Res - ENERGY STAR Hot Food Holding Cabinet | RCB-1, C, Restaurant | Non | SPS	$1,169.09	$ 68.00
961 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-2, C, Restaurant | Non | SPS	$1,169.09	$ 68.00
962 - Res - ENERGY STAR Hot Food Holding Cabinet | NEW-3, C, Restaurant | Non | SPS	$1,169.09	$ 68.00
963 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-1, Manufactured | Non | SPS	$1,259.82	$ 73.27
964 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-1, Manufactured | Non | SPS	$1,259.82	$ 73.27
965 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-2, Multi Family | Non | SPS	$1,259.82	$ 73.27
966 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-2, Multi Family | Non | SPS	$1,259.82	$ 73.27
967 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-3, Multi Family Low Income | Non | SPS	$1,259.82	$ 73.27
968 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-3, Multi Family Low Income | Non | SPS	$1,259.82	$ 73.27
969 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-4, Single Family | Non | SPS	$1,259.82	$ 73.27
970 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-4, Single Family | Non | SPS	$1,259.82	$ 73.27
971 - Res - Wall Insulation - Space Heating - (R1 + E1) | NEW-5, Single Family Low Income | Non | SPS	$1,259.82	$ 73.27
972 - Res - Wall Insulation - Space Heating - (R1 + E1) | RCB-5, Single Family Low Income | Non | SPS	$1,259.82	$ 73.27
973 - Res - Clothes Washer Split Heat Pumps | RCB-1, Restaurant | Non | SPS	$1,291.69	$ 75.12
974 - Res - Clothes Washer Split Heat Pumps | RCB-1, Warehouse | Non | SPS	$1,291.69	$ 75.12
975 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-1, Manufactured | Non | SPS	$1,347.97	$ 78.41
976 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | RCB-1, Manufactured | Non | SPS	$1,347.97	$ 78.41
977 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-2, Multi Family | Non | SPS	$1,347.97	$ 78.41
978 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | RCB-2, Multi Family | Non | SPS	$1,347.97	$ 78.41
979 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-3, Multi Family Low Income | Non | SPS	$1,347.97	$ 78.41
980 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | RCB-3, Multi Family Low Income | Non | SPS	$1,347.97	$ 78.41
981 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-4, Single Family | Non | SPS	$1,347.97	$ 78.41
982 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | RCB-4, Single Family | Non | SPS	$1,347.97	$ 78.41
983 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-5, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
984 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | RCB-5, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
985 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-6, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
986 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-7, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
987 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-8, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
988 - Res - LED Outdoor Fixture - Space Heating - (R1 + E1) | NEW-9, Single Family Low Income | Non | SPS	$1,347.97	$ 78.41
989 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
990 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
991 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
992 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
993 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
994 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
995 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
996 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
997 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
998 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
999 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1000 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1001 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1002 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1003 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1004 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1005 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1006 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1007 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1008 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1009 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1010 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1011 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1012 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1013 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1014 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1015 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1016 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1017 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1018 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1019 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1020 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1021 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1022 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1023 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1024 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1025 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1026 - Res - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | RCB-1, C, Restaurant | Non | SPS	$1,400.16	$ 81.44
1027 - Res - Interior LED Fixture

	Measure	Levelized Cost of (2021)	Co-benefit per Ton (2021 $/MPG)
1000	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1001	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1002	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1003	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1004	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1005	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1006	Res - Motorboat Crankcase - Inboard LE Lamp - Space Heating - 0	$2,432.00	$ 27.00
1007	Com - Cadillac Mini Bull Hoist Pumps (HDT) C_Warehouse - Heat (BP)	$3,463.00	$ 76.00
1008	Com - Cadillac Mini Bull Hoist Pumps (HDT) C_Other - Heat (BP)	$3,474.17	$ 76.12
1009	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1010	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1011	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1012	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1013	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1014	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1015	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1016	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1017	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1018	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1019	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1020	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1021	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1022	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1023	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1024	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1025	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1026	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1027	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1028	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1029	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1030	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1031	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1032	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1033	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1034	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1035	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1036	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1037	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1038	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1039	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1040	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1041	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1042	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1043	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1044	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1045	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1046	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1047	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1048	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1049	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1050	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1051	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1052	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1053	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1054	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1055	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1056	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1057	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1058	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1059	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1060	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1061	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1062	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1063	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1064	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1065	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1066	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1067	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1068	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1069	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1070	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1071	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1072	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1073	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1074	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1075	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1076	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1077	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1078	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1079	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1080	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1081	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1082	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1083	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1084	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1085	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1086	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1087	Com - Cadillac Mini Bull Hoist Pumps (HDT) C_Warehouse - Heat (BP)	$3,463.00	$ 76.00
1088	Com - Cadillac Mini Bull Hoist Pumps (HDT) C_Other - Heat (BP)	$3,474.17	$ 76.12
1089	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1090	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1091	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1092	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1093	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1094	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1095	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1096	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1097	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1098	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1099	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1100	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1101	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1102	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1103	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1104	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1105	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1106	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1107	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1108	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1109	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1110	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1111	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1112	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1113	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1114	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1115	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1116	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1117	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1118	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1119	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1120	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1121	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1122	Com - Vendingfit airfire Controls (HB) C_Warehouse - Heat (BP)	$6,394.21	$ 91.08
1123	Com - Vendingfit airfire Controls (HB) C_Lodging - Heat (BP)	$6,394.21	$ 91.08
1124	Com - Vendingfit airfire Controls (HB) C_Other - Heat (BP)	$6,394.21	$ 91.08
1125	Com - Vendingfit airfire Controls (HB) C_Bank - Heat (BP)	$6,394.21	$ 91.08
1126	Com - Vendingfit airfire Controls (HB) C_Restaurant - Heat (BP)	$6,394.21	$ 91.08
1127	Com - Vendingfit airfire Controls (HB) C_Warehouse - Heat (BP)	$6,394.21	$ 91.08
1128	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Manufactured - Heat (BP)	$6,848.84	$ 91.01
1129	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Mobile Home - Heat (BP)	$6,848.84	$ 91.01
1130	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Multi Family - Heat (BP)	$6,848.84	$ 91.01
1131	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Multi Family Low Income - Heat (BP)	$6,848.84	$ 91.01
1132	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Single Family - Heat (BP)	$6,848.84	$ 91.01
1133	Res - BNIRDVD TMF Clothes Washer - 10 % Applicable (HEW) R_Single Family Low Income - Heat (BP)	$6,848.84	$ 91.01
1134	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Manufactured - Heat (BP)	$7,600.63	$ 91.78
1135	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Mobile Home - Heat (BP)	$7,600.63	$ 91.78
1136	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Multi Family - Heat (BP)	$7,600.63	$ 91.78
1137	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Multi Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1138	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family - Heat (BP)	$7,600.63	$ 91.78
1139	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1140	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Manufactured - Heat (BP)	$7,600.63	$ 91.78
1141	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Mobile Home - Heat (BP)	$7,600.63	$ 91.78
1142	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Multi Family - Heat (BP)	$7,600.63	$ 91.78
1143	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Multi Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1144	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family - Heat (BP)	$7,600.63	$ 91.78
1145	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1146	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1147	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1148	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1149	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1150	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1151	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1152	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1153	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1154	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1155	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1156	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1157	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1158	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1159	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1160	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1161	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1162	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1163	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1164	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1165	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1166	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1167	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1168	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1169	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1170	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1171	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1172	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1173	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1174	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1175	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1176	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1177	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1178	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1179	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1180	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1181	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1182	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1183	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1184	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1185	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1186	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1187	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1188	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1189	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1190	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1191	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1192	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1193	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1194	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1195	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1196	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1197	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1198	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1199	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1200	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1201	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1202	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1203	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1204	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1205	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1206	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1207	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1208	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1209	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1210	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1211	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1212	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1213	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1214	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1215	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1216	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1217	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1218	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1219	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1220	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1221	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1222	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1223	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1224	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1225	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1226	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1227	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1228	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1229	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1230	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1231	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1232	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1233	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1234	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1235	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1236	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1237	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1238	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1239	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1240	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1241	Res - Efficient Storage w/ ¾" Outdoor Water Heaters - 100% Applicable (HEW) R_Single Family Low Income - Heat (BP)	$7,600.63	$ 91.78
1242	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1243	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1244	Res - Ski mn operable storm windows - Space Heating - 0	$4,108.00	$ 79.00
1245	Res - Ski mn operable stor

Rank	Measure	MWh Saved	Cumulative % of Total
1	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
2	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
3	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
4	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
5	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
6	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
7	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
8	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
9	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
10	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
11	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
12	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
13	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
14	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
15	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
16	Res - Enterprise Centrally - 100% applicable (NEW LR, Main school year) (Xcel / GPS)	61,124	7
17	Res - Enterprise Centrally - 100% applicable (NEW LR, Main school year) (Xcel / GPS)	61,124	7
18	Res - Enterprise Centrally - 100% applicable (NEW LR, Energy Star Pro) (Xcel / GPS)	61,124	7
19	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
20	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
21	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
22	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
23	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
24	Res - Enterprise Centrally - 100% applicable (NEW LR, Main School Year) (Xcel / GPS)	61,124	7
25	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
26	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
27	Res - Pre-rinse Spray Valves (RET) (Other / Xcel / GPS)	60,611	7
28	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
29	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
30	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
31	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
32	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
33	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
34	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
35	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
36	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
37	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
38	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
39	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
40	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
41	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
42	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
43	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
44	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
45	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
46	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
47	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
48	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
49	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
50	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
51	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
52	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
53	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
54	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
55	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
56	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
57	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
58	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
59	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
60	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
61	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
62	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
63	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
64	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
65	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
66	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
67	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
68	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
69	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
70	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
71	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
72	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
73	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
74	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
75	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
76	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
77	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
78	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
79	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
80	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
81	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
82	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
83	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
84	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
85	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
86	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
87	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
88	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
89	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
90	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
91	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
92	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
93	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
94	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
95	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
96	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
97	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
98	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
99	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7
100	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	7



Rank	Measure	MWh Saved	Cumulative % of Total
1	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
2	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
3	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
4	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
5	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
6	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
7	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
8	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
9	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
10	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
11	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
12	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
13	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, MA and solar etc) (Xcel / GPS)	65,535,000	6
14	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, New home etc) (Xcel / GPS)	65,535,000	6
15	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
16	Res - Enterprise Centrally - 100% applicable (NEW LR, Main school year) (Xcel / GPS)	61,124	7
17	Res - Enterprise Centrally - 100% applicable (NEW LR, Main school year) (Xcel / GPS)	61,124	7
18	Res - Enterprise Centrally - 100% applicable (NEW LR, Energy Star Pro) (Xcel / GPS)	61,124	7
19	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
20	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
21	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
22	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
23	Res - Enterprise Centrally - 100% applicable (RCB) (IL Bldr grant) (Xcel / GPS)	61,124	7
24	Res - Enterprise Centrally - 100% applicable (NEW LR, Main School Year) (Xcel / GPS)	61,124	7
25	Res - Enterprise Centrally - 100% applicable (NEW LR, Single Family Low Income) (Xcel / GPS)	61,124	7
26	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
27	Res - Pre-rinse Spray Valves (RET) (Other / Xcel / GPS)	60,611	7
28	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
29	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
30	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
31	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
32	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
33	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
34	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
35	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
36	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
37	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
38	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
39	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
40	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
41	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
42	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
43	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
44	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
45	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
46	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
47	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
48	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
49	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
50	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
51	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
52	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
53	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
54	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
55	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
56	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
57	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
58	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
59	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
60	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
61	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
62	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
63	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
64	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
65	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
66	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
67	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
68	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
69	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
70	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
71	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
72	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
73	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
74	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
75	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
76	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
77	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
78	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
79	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
80	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
81	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
82	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
83	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
84	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
85	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
86	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
87	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
88	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
89	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
90	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
91	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
92	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
93	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
94	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
95	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
96	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
97	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
98	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
99	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7
100	Res - Pre-rinse Spray Valves (RET) (Xcel / GPS)	60,611	7



Rank	Measure	MWh Saved	Cumulative % of Total
1	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
2	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
3	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
4	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
5	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
6	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service territory - 100 % applicable (ex NEW LR, Energy Star Pro Lgc Income etc) (Xcel / GPS)	65,535,000	6
7	Res - Home Energy Report (Opt-out) Top 4 entities in Rocky Mountain Power's service

Path	Measure	TRC Rate	Co-incident Peak kW (MW)
246	Rea - ENERGY STAR Windows - Space Heating - Electric	4.16	2.27
247	Rea - ENERGY STAR Windows - Space Heating - Gas	4.16	2.26
248	Com - Interior Lighting - Lamps (including high, medium, low bay lamps)	4.01	2.26
249	Com - Interior Lighting - Fixtures (including high, medium, low bay lamps)	4.01	2.26
250	Com - Room Air Conditioner - Electric	3.98	2.23
251	Com - Room Air Conditioner - Gas	3.98	2.23
252	Com - Room Air Conditioner - Heat Pump	3.98	2.23
253	Com - Room Air Conditioner - Other	3.98	2.23
254	Com - Room Air Conditioner - Unknown	3.98	2.23
255	Com - Water Heater - Electric	3.94	2.27
256	Com - Water Heater - Gas	3.94	2.27
257	Com - Refrigerated Vending Machine	3.78	2.33
258	Rea - ENERGY STAR Windows - Space Heating - Heat Pump	3.76	2.34
259	Rea - ENERGY STAR Windows - Space Heating - Other Fuel	3.76	2.34
260	Rea - ENERGY STAR Windows - Space Heating - Unknown	3.76	2.34
261	Rea - ENERGY STAR Windows - Cooling - Electric	3.76	2.34
262	Rea - ENERGY STAR Windows - Cooling - Gas	3.76	2.34
263	Rea - ENERGY STAR Windows - Cooling - Heat Pump	3.76	2.34
264	Rea - ENERGY STAR Windows - Cooling - Other	3.76	2.34
265	Rea - ENERGY STAR Windows - Cooling - Unknown	3.76	2.34
266	Rea - Pipe wrap - Space Heating - Electric	3.76	2.46
267	Rea - Pipe wrap - Space Heating - Gas	3.76	2.46
268	Rea - Pipe wrap - Space Heating - Other Fuel	3.76	2.46
269	Rea - Pipe wrap - Space Heating - Unknown	3.76	2.46
270	Rea - Pipe wrap - Water Heating - Electric	3.76	2.46
271	Rea - Pipe wrap - Water Heating - Gas	3.76	2.46
272	Rea - Pipe wrap - Water Heating - Other Fuel	3.76	2.46
273	Rea - Pipe wrap - Water Heating - Unknown	3.76	2.46
274	Rea - Pipe wrap - Other - Electric	3.76	2.46
275	Rea - Pipe wrap - Other - Gas	3.76	2.46
276	Rea - Pipe wrap - Other - Other Fuel	3.76	2.46
277	Rea - Pipe wrap - Other - Unknown	3.76	2.46
278	Rea - Pipe wrap - Unknown - Electric	3.76	2.46
279	Rea - Pipe wrap - Unknown - Gas	3.76	2.46
280	Rea - Pipe wrap - Unknown - Other Fuel	3.76	2.46
281	Rea - Pipe wrap - Unknown - Unknown	3.76	2.46
282	Rea - Pipe wrap - Multi Family - Electric	3.76	2.47
283	Rea - Pipe wrap - Multi Family - Gas	3.76	2.47
284	Rea - Pipe wrap - Multi Family - Other Fuel	3.76	2.47
285	Rea - Pipe wrap - Multi Family - Unknown	3.76	2.47
286	Rea - Pipe wrap - Mobile Home - Electric	3.76	2.47
287	Rea - Pipe wrap - Mobile Home - Gas	3.76	2.47
288	Rea - Pipe wrap - Mobile Home - Other Fuel	3.76	2.47
289	Rea - Pipe wrap - Mobile Home - Unknown	3.76	2.47
290	Rea - Pipe wrap - Single Family - Electric	3.76	2.47
291	Rea - Pipe wrap - Single Family - Gas	3.76	2.47
292	Rea - Pipe wrap - Single Family - Other Fuel	3.76	2.47
293	Rea - Pipe wrap - Single Family - Unknown	3.76	2.47
294	Rea - Pipe wrap - Unknown - Electric	3.76	2.47
295	Rea - Pipe wrap - Unknown - Gas	3.76	2.47
296	Rea - Pipe wrap - Unknown - Other Fuel	3.76	2.47
297	Rea - Pipe wrap - Unknown - Unknown	3.76	2.47
298	Com - Pipe wrap - Space Heating - Electric	3.76	2.47
299	Com - Pipe wrap - Space Heating - Gas	3.76	2.47
300	Com - Pipe wrap - Space Heating - Other Fuel	3.76	2.47
301	Com - Pipe wrap - Space Heating - Unknown	3.76	2.47
302	Com - Pipe wrap - Water Heating - Electric	3.76	2.47
303	Com - Pipe wrap - Water Heating - Gas	3.76	2.47
304	Com - Pipe wrap - Water Heating - Other Fuel	3.76	2.47
305	Com - Pipe wrap - Water Heating - Unknown	3.76	2.47
306	Com - Pipe wrap - Other - Electric	3.76	2.47
307	Com - Pipe wrap - Other - Gas	3.76	2.47
308	Com - Pipe wrap - Other - Other Fuel	3.76	2.47
309	Com - Pipe wrap - Other - Unknown	3.76	2.47
310	Com - Pipe wrap - Unknown - Electric	3.76	2.47
311	Com - Pipe wrap - Unknown - Gas	3.76	2.47
312	Com - Pipe wrap - Unknown - Other Fuel	3.76	2.47
313	Com - Pipe wrap - Unknown - Unknown	3.76	2.47
314	Rea - Duct Sealing - Space Heating - Electric	3.76	2.47
315	Rea - Duct Sealing - Space Heating - Gas	3.76	2.47
316	Rea - Duct Sealing - Space Heating - Other Fuel	3.76	2.47
317	Rea - Duct Sealing - Space Heating - Unknown	3.76	2.47
318	Rea - Duct Sealing - Water Heating - Electric	3.76	2.47
319	Rea - Duct Sealing - Water Heating - Gas	3.76	2.47
320	Rea - Duct Sealing - Water Heating - Other Fuel	3.76	2.47
321	Rea - Duct Sealing - Water Heating - Unknown	3.76	2.47
322	Rea - Duct Sealing - Other - Electric	3.76	2.47
323	Rea - Duct Sealing - Other - Gas	3.76	2.47
324	Rea - Duct Sealing - Other - Other Fuel	3.76	2.47
325	Rea - Duct Sealing - Other - Unknown	3.76	2.47
326	Rea - Duct Sealing - Unknown - Electric	3.76	2.47
327	Rea - Duct Sealing - Unknown - Gas	3.76	2.47
328	Rea - Duct Sealing - Unknown - Other Fuel	3.76	2.47
329	Rea - Duct Sealing - Unknown - Unknown	3.76	2.47
330	Rea - Duct Sealing - Duct Sealing - Electric	3.76	2.47
331	Rea - Duct Sealing - Duct Sealing - Gas	3.76	2.47
332	Rea - Duct Sealing - Duct Sealing - Other Fuel	3.76	2.47
333	Rea - Duct Sealing - Duct Sealing - Unknown	3.76	2.47
334	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
335	Com - Duct Sealing - Space Heating - Electric	3.76	2.47
336	Com - Duct Sealing - Space Heating - Gas	3.76	2.47
337	Com - Duct Sealing - Space Heating - Other Fuel	3.76	2.47
338	Com - Duct Sealing - Space Heating - Unknown	3.76	2.47
339	Com - Duct Sealing - Water Heating - Electric	3.76	2.47
340	Com - Duct Sealing - Water Heating - Gas	3.76	2.47
341	Com - Duct Sealing - Water Heating - Other Fuel	3.76	2.47
342	Com - Duct Sealing - Water Heating - Unknown	3.76	2.47
343	Com - Duct Sealing - Other - Electric	3.76	2.47
344	Com - Duct Sealing - Other - Gas	3.76	2.47
345	Com - Duct Sealing - Other - Other Fuel	3.76	2.47
346	Com - Duct Sealing - Other - Unknown	3.76	2.47
347	Com - Duct Sealing - Unknown - Electric	3.76	2.47
348	Com - Duct Sealing - Unknown - Gas	3.76	2.47
349	Com - Duct Sealing - Unknown - Other Fuel	3.76	2.47
350	Com - Duct Sealing - Unknown - Unknown	3.76	2.47
351	Com - Duct Sealing - Duct Sealing - Electric	3.76	2.47
352	Com - Duct Sealing - Duct Sealing - Gas	3.76	2.47
353	Com - Duct Sealing - Duct Sealing - Other Fuel	3.76	2.47
354	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
355	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
356	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
357	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
358	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
359	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
360	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
361	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
362	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
363	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
364	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
365	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
366	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
367	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
368	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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394	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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401	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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429	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
430	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
431	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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433	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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439	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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443	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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447	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
448	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
449	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
450	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
451	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
452	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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454	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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456	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
457	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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463	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
464	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
465	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
466	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
467	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
468	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
469	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
470	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
471	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
472	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
473	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
474	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
475	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
476	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
477	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
478	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
479	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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489	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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491	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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495	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
496	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
497	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
498	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
499	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
500	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
501	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
502	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
503	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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512	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
513	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
514	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
515	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
516	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
517	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
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521	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
522	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
523	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
524	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
525	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
526	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
527	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
528	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
529	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
530	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
531	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
532	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
533	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
534	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
535	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
536	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
537	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
538	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
539	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
540	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
541	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
542	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
543	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
544	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
545	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
546	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
547	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
548	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
549	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
550	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
551	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
552	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
553	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
554	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
555	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
556	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
557	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
558	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
559	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
560	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
561	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
562	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
563	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
564	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
565	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
566	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
567	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
568	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
569	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
570	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
571	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
572	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
573	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
574	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
575	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
576	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
577	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
578	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
579	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
580	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
581	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
582	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
583	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
584	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
585	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
586	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
587	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
588	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
589	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
590	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
591	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
592	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
593	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
594	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
595	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
596	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
597	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
598	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
599	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
600	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
601	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
602	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
603	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
604	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
605	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
606	Com - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2.47
607	Rea - Duct Sealing - Duct Sealing - Duct Sealing	3.76	2

Path	Measure	TRC Rate	Co-incident Peak (kW)
460	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Offices) | Non | SPS	1.72	3.11
461	Co-in - Direct Evaporative Pre-Cooling (1600-CL Offices) | Non | SPS	1.72	3.08
464	Co-in - Water Source Heat Pump (1600+ CL Retail area) | Non | SPS	1.72	3.08
465	Co-in - Water Source Heat Pump (1600-CL Retail area) | Non | SPS	1.72	3.08
468	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Restaurant) | Non | SPS	1.71	3.08
469	Co-in - Direct Evaporative Pre-Cooling (1600-CL Restaurant) | Non | SPS	1.71	3.08
499	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R-M ostly close d) | Xcel | SPS	1.68	3.09
500	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R-M ostly ope n) | Xcel | SPS	1.68	3.09
501	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.68	3.09
502	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Single Pan Ex) | Xcel | SPS	1.68	3.09
503	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Grocery) | Xcel | SPS	1.64	3.09
504	Co-in - Direct Evaporative Pre-Cooling (1600-CL Grocery) | Xcel | SPS	1.64	3.09
505	Re-s - Re-aim - Air Condition ners - HH(T-2) | Xcel | SPS	1.64	3.09
506	Re-s - Re-aim - Air Condition ners - HH(T-2) | Xcel | SPS	1.64	3.09
507	Co-in - Water Source Heat Pump (1600+ CL Grocery) | Xcel | SPS	1.64	3.09
508	Co-in - Water Source Heat Pump (1600-CL Grocery) | Xcel | SPS	1.64	3.09
509	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Office s) | Xcel | SPS	1.63	3.10
510	Co-in - Direct Evaporative Pre-Cooling (1600-CL Office s) | Xcel | SPS	1.63	3.10
511	Co-in - Water Source Heat Pump (1600+ CL Office s) | Xcel | SPS	1.63	3.10
512	Co-in - Water Source Heat Pump (1600-CL Office s) | Xcel | SPS	1.63	3.10
513	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Lodging) | Xcel | SPS	1.61	3.11
514	Co-in - Direct Evaporative Pre-Cooling (1600-CL Lodging) | Xcel | SPS	1.61	3.11
515	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Other) | Xcel | SPS	1.61	3.11
516	Co-in - Direct Evaporative Pre-Cooling (1600-CL Other) | Xcel | SPS	1.61	3.11
518	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.68	3.12
519	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.68	3.12
520	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.68	3.12
521	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.68	3.12
522	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.68	3.12
523	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.68	3.12
524	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.68	3.12
525	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.68	3.12
526	Co-in - Water Source Heat Pump (1600+ CL Hea lth) | Xcel | SPS	1.58	3.17
527	Co-in - Water Source Heat Pump (1600-CL Hea lth) | Xcel | SPS	1.58	3.17
528	Co-in - Direct Evaporative Pre-Cooling (1600+ CL Retail) | Xcel | SPS	1.58	3.17
529	Co-in - Direct Evaporative Pre-Cooling (1600-CL Retail) | Xcel | SPS	1.58	3.17
530	Re-s - LED Re frige rated Cases Lighting (R6710) | Retail | Non | SPS	1.57	3.12
531	Re-s - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Co ll ege | Non | SPS	1.57	3.12
532	Re-s - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Co ll ege | Non | SPS	1.57	3.12
533	Re-s - Infrill ation Reduct ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Rem Sp) | Xcel | SPS	1.57	3.12
534	Re-s - Infrill ation Reduct ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Rem Sp) | Xcel | SPS	1.57	3.12
535	Re-s - Infrill ation Reduct ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.57	3.12
536	Re-s - Infrill ation Reduct ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.57	3.12
537	Re-s - Infrill ation Reduct ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.57	3.12
538	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Office s | Xcel | SPS	1.56	3.12
539	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Office s | Xcel | SPS	1.56	3.12
540	Re-s - Re-aim - Air Condition ners - HH(T-2) | Grocery | Xcel | SPS	1.54	3.13
541	re-s - Air Ind Ex tiona lsto (R6710) | Man ufacto ring | Non | SPS	1.54	3.13
542	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.53	3.13
543	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.53	3.13
544	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Mo)	1.53	3.13
545	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.53	3.13
546	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.53	3.13
547	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + EC(R6710 R- Sto	1.53	3.13
548	Co-in - Water Source Heat Pump (1600+ CL Hea lth) | Xcel | SPS	1.53	3.13
549	Co-in - Water Source Heat Pump (1600-CL Hea lth) | Xcel | SPS	1.53	3.13
550	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Restau rant | Non | SPS	1.53	3.13
551	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Restau rant | Non | SPS	1.53	3.13
552	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Restau rant | Non | SPS	1.53	3.13
553	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Area lth | Xcel | SPS	1.53	3.13
554	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Area lth | Xcel | SPS	1.53	3.13
560	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re tail | Xcel | SPS	1.53	3.13
561	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re tail | Xcel | SPS	1.53	3.13
562	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lib rary | Xcel | SPS	1.48	3.17
563	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lib rary | Xcel | SPS	1.48	3.17
564	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lib rary | Xcel | SPS	1.48	3.17
565	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lo dging | Xcel | SPS	1.48	3.17
566	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lo dging | Xcel | SPS	1.48	3.17
567	Co-in - Direct Evaporative Pre-Cooling (R6710) | C ollege | Xcel | SPS	1.48	3.18
568	Co-in - Direct Evaporative Pre-Cooling (R6710) | C ollege | Xcel | SPS	1.48	3.18
569	Co-in - Zero di ving s Doors (R6710) | C ollege | Xcel | SPS	1.48	3.18
570	Co-in - Zero di ving s Doors (R6710) | Grocery | Xcel | SPS	1.48	3.18
571	Co-in - Zero di ving s Doors (R6710) | Grocery | Xcel | SPS	1.48	3.18
572	Co-in - Zero di ving s Doors (R6710) | Lod ging | Xcel | SPS	1.48	3.18
573	Co-in - Zero di ving s Doors (R6710) | Office s | Xcel | SPS	1.48	3.18
574	Co-in - Zero di ving s Doors (R6710) | Other | Xcel | SPS	1.48	3.18
575	Co-in - Zero di ving s Doors (R6710) | Restau rant | N/ ai | SPS	1.48	3.18
576	Co-in - Zero di ving s Doors (R6710) | Retail | Xcel | SPS	1.48	3.18
577	Co-in - Zero di ving s Doors (R6710) | Schoo l | Xcel | SPS	1.48	3.18
578	Co-in - Zero di ving s Doors (R6710) | Ware house | Xcel | SPS	1.48	3.18
579	Co-in - Water Source Heat Pump (R6710) | Area lth | Xcel | SPS	1.48	3.18
580	Co-in - Water Source Heat Pump (R6710) | Area lth | Xcel | SPS	1.48	3.18
581	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Office s | Xcel | SPS	1.48	3.18
582	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Office s | Xcel | SPS	1.48	3.18
583	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Sing le Fa mily) | Xcel | SPS	1.44	3.19
584	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Sing le Fa mily) | Xcel | SPS	1.44	3.19
585	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Sing le Fa mily) | Xcel | SPS	1.44	3.19
586	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Single Pan Ex) | Xcel | SPS	1.44	3.19
587	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Single Pan Ex) | Xcel | SPS	1.44	3.19
588	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Single Pan Ex- Low Inco me) | Xcel |	1.44	3.19
589	Re-s - High Efficiency ACHP Equip ment +7 SEER - 100 % Applica ble (R6710 R- Single Pan Ex- Low Inco me) | Xcel |	1.44	3.19
590	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.43	3.19
591	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.43	3.19
592	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.43	3.19
593	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.43	3.19
594	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel |	1.43	3.19
595	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel |	1.43	3.19
596	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.43	3.19
597	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.43	3.19
598	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel |	1.43	3.19
599	Re-s - Ductless Min i Sp lit Heat Pum ps - Sp ace Heat ing - 8H + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel |	1.43	3.19
600	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re stau rant | Xcel | SPS	1.42	3.20
601	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re stau rant | Xcel | SPS	1.42	3.20
606	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lod ging | Non | SPS	1.41	3.20
607	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Lod ging | Non | SPS	1.41	3.20
608	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | Lod ging | Non | SPS	1.41	3.21
611	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Hs ove rhead) | Non | SPS	1.40	3.21
612	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Hs ove rhead) | Non | SPS	1.40	3.21
613	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Single Pan Ex) | Non | SPS	1.40	3.21
614	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Single Pan Ex) | Non | SPS	1.40	3.21
615	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Non | SPS	1.40	3.21
616	Re-s - Wa ll Insulat ion - Sp ace Heat ing - 8H + MC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Non | SPS	1.40	3.21
617	Re-s - Water Source Heat Pump (R6710) | Grocery | Non | SPS	1.40	3.21
618	Re-s - Water Source Heat Pump (R6710) | Grocery | Non | SPS	1.40	3.21
619	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Retail | Xcel | SPS	1.38	3.21
620	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Retail | Xcel | SPS	1.38	3.21
621	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | C ollege | N/ ai | SPS	1.37	3.21
622	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Grocery | Xcel | SPS	1.37	3.21
623	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Lod ging | Xcel | SPS	1.37	3.21
624	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Lod ging | Xcel | SPS	1.37	3.21
625	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Lod ging | Xcel | SPS	1.37	3.21
626	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Office s | Xcel | SPS	1.37	3.24
627	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Office s | Xcel | SPS	1.37	3.24
628	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Retail | Xcel | SPS	1.37	3.25
629	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Retail | Xcel | SPS	1.37	3.25
630	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Ware house | Xcel | SPS	1.37	3.25
631	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Ware house | Xcel | SPS	1.37	3.25
632	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | C ollege | Xcel | SPS	1.37	3.27
633	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | C ollege | Xcel | SPS	1.37	3.27
634	Co-in - Interio r Light ing Co ntro ls (R6710) | Ho tel-Inn | Xcel | SPS	1.33	3.27
635	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | C ollege | Xcel | SPS	1.33	3.27
636	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | Office s | Xcel | SPS	1.33	3.27
637	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | Office s | Xcel | SPS	1.33	3.27
638	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Retail | Xcel | SPS	1.33	3.27
639	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Retail | Xcel | SPS	1.33	3.27
640	Co-in - Hig h Efficiency Cen tral Heat Pum p System (R6710) | Retail | Non | SPS	1.28	3.31
641	Co-in - LED Re frige rated Cases Lighting (R6710) | Office s | Non | SPS	1.28	3.31
642	Co-in - LED Re frige rated Cases Lighting (R6710) | C ollege | Xcel | SPS	1.28	3.31
643	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Mo)	1.28	3.31
644	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Mo)	1.28	3.31
645	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Mo)	1.28	3.31
646	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Mo)	1.28	3.31
647	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Mo)	1.28	3.31
648	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Sto	1.28	3.31
649	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Sto	1.28	3.31
650	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Sto	1.28	3.31
651	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Sto	1.28	3.31
652	Re-s - LED Lamps (Gene ral Service Lam ps in s ocke ts) - Sp ecialty Lamp s - Sp ace Heat ing - GH + MC(R6710 R- Sto	1.28	3.31
653	Re-s - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Retail | Non | SPS	1.23	3.32
654	Re-s - Hig h Efficiency Cen tral Heat Pum p System (R6710) | Lod ging | Xcel | SPS	1.23	3.32
655	Re-s - Hig h Efficiency Cen tral Heat Pum p System (R6710) | Lod ging | Xcel | SPS	1.23	3.32
656	Re-s - Hig h Efficiency Cen tral Heat Pum p System (R6710) | Restau rant | Non | SPS	1.23	3.32
657	Re-s - Hig h Efficiency Cen tral Heat Pum p System (R6710) | Restau rant | Non | SPS	1.23	3.32
663	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Retail | Non | SPS	1.23	3.33
664	Co-in - Interio r Light ing Co ntro ls (R6710) | Ware house | Xcel | SPS	1.23	3.33
665	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Retail | Non | SPS	1.23	3.33
666	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Ho tel-Inn | Non | SPS	1.23	3.33
667	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Ho tel-Inn | Non | SPS	1.23	3.33
668	Co-in - Interio r Light ing Co ntro ls - acoup ancyde ta ilm ain sore (R6710) | Ho tel-Inn | Non | SPS	1.23	3.33
669	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Gro cery | Non | SPS	1.23	3.33
670	Re-s - Re-aim - Air Condition ners - HH(T-2) | Ho tel-Inn | Xcel | SPS	1.23	3.33
671	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Schoo l | Non | SPS	1.23	3.33
672	Co-in - Interio r Heate rs & Cove ccled LED Lam ps (R6710) | Schoo l | Non | SPS	1.23	3.33
673	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Rem Sp) | Xcel | SPS	1.22	3.34
674	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Rem Sp) | Xcel | SPS	1.22	3.34
675	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.22	3.34
676	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.22	3.34
677	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.22	3.34
678	Re-s - Wa ll Insulat ion - Sp ace Heat ing - GH + MC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.22	3.34
679	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.22	3.34
680	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.22	3.34
681	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.22	3.34
682	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.22	3.34
683	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.22	3.34
684	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.22	3.34
685	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.22	3.34
686	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.22	3.34
687	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel | SPS	1.22	3.34
688	Re-s - Ceiling Insulat ion - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel | SPS	1.22	3.34
689	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re stau rant | Non | SPS	1.22	3.35
690	Co-in - Interio r LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Re stau rant | Non | SPS	1.22	3.35
691	Co-in - Interio r Light ing Co ntro ls (R6710) | Office s | N/ ai | SPS	1.18	3.37
692	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | Office s | N/ ai | SPS	1.18	3.37
693	Co-in - Interio r Heate rs & Cove ccled LED Fixtu re (R6710) | Office s | N/ ai | SPS	1.18	3.37
694	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Office s | N/ ai | SPS	1.18	3.37
695	Co-in - Ne w Co nstruc tion - Lig hting Power Dens ity (R6710) | Office s | N/ ai | SPS	1.18	3.37
696	Co-in - Ductless Min i Sp lit Heat Pum p (R6710) | Retail | Xcel | SPS	1.17	3.40
697	Re-s - LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Ho tel-Inn | Xcel | SPS	1.14	3.40
698	Re-s - LED Fixtu re - Hig hWa ttAm ber Low Bay (R6710) | Ho tel-Inn | Xcel | SPS	1.14	3.40
699	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- M ostly close d) | Xcel | SPS	1.14	3.40
700	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- M ostly close d) | Xcel | SPS	1.14	3.40
701	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- M ostly ope n) | Xcel | SPS	1.14	3.40
702	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- M ostly ope n) | Xcel | SPS	1.14	3.40
703	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.14	3.40
704	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Hs ove rhead) | Xcel | SPS	1.14	3.40
705	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.14	3.40
706	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex) | Xcel | SPS	1.14	3.40
707	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.14	3.40
708	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Mo fit-Single Pan Ex- Low Inco me) | Xcel | SPS	1.14	3.40
709	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.14	3.40
710	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily) | Xcel | SPS	1.14	3.40
711	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel | SPS	1.14	3.40
712	Re-s - LED Fixtu re F ixture (Pre Based Lam ps) - Sp ace Heat ing - GH + EC(R6710 R- Sto ge Fa mily- Low Inco me) | Xcel | SPS	1.14	3.40
713	Co-in - Ductless Min i Sp lit Heat Pum p (R6710) | Office s | Non | SPS	1.13	3.40
714	Co-in - Ductless Min i Sp lit Heat Pum p

Path	Measure	TRC Rate	Co-incident Peak (kW)
756	Ce-in - RTU with Dem and Lmts (RET C_Health) Kset (LS)	1.02	4.16
759	Ce-in - RTU with Dem and Lmts (RET C_Lab ing) Kset (SIP)	1.03	4.16
760	Ce-in - RTU with Dem and Lmts (RET C_Office) Kset (SIP)	1.03	4.08
761	Ce-in - RTU with Dem and Lmts (RET C_Office) Kset (LS)	1.03	4.08
762	Ce-in - RTU with Dem and Lmts (RET C_Retail) Kset (SIP)	1.03	4.08
763	Ce-in - RTU with Dem and Lmts (RET C_Retail) Kset (LS)	1.03	4.08
764	Ce-in - RTU with Dem and Lmts (RET C_Schoo l) Kset (SIP)	1.03	4.08
765	Ce-in - RTU with Dem and Lmts (RET C_Schoo l) Kset (LS)	1.03	4.08
766	Ce-in - Hg 8 Efficiency Centra l Heat Pump System (NEW C_Ceiling) Kset (SIP)	1.02	4.04
767	Ce-in - Hg 8 Efficiency Centra l Heat Pump System (NEW C_Ceiling) Kset (LS)	1.02	4.04
768	Ce-in - Hg 8 Efficiency Centra l Heat Pump System (NEW C_Health) Kset (SIP)	1.01	4.07
769	Ce-in - Hg 8 Efficiency Centra l Heat Pump System (NEW C_Health) Kset (LS)	1.01	4.07
770	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (SIP)	1.08	4.08
771	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (LS)	1.08	4.08
772	Ce-in - Intelco LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (SIP)	0.98	4.08
773	Ce-in - Intelco LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (LS)	0.98	4.08
774	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) Kset (SIP)	0.98	4.08
775	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) Kset (LS)	0.98	4.08
776	Ce-in - LED Fixture - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Lab ing) (N ot) (SIP)	0.98	4.08
777	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Lab ing) (N ot) (SIP)	0.98	4.08
778	Ce-in - Base ecm, ighting, Controls to PRE T C_Office (Kset) (SIP)	0.98	4.08
779	Ce-in - Intelco Light ing Co ntrols - occup ancy/dig ital ts ecm (NEW) (RET C_Office) (Kset) (SIP)	0.98	4.08
780	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Retail) (N ew) (SIP)	0.98	4.08
781	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
782	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
783	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
784	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
785	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
786	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
787	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
788	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
789	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
790	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
791	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
792	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
793	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
794	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
795	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
796	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
797	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
798	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
799	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
800	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
801	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
802	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
803	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
804	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
805	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
806	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
807	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.98	4.08
808	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.98	4.08
809	Ce-in - Hg 8 Efficiency Ce ntra l Heat Pump System (NEW) (C_Health) Kset (SIP)	0.98	4.08
810	Ce-in - Hg 8 Efficiency Ce ntra l Heat Pump System (NEW) (C_Health) Kset (LS)	0.98	4.08
811	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Wine store) Kset (SIP)	0.98	4.08
812	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Wine store) Kset (LS)	0.98	4.08
813	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (SIP)	0.98	4.08
814	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (LS)	0.98	4.08
815	Ce-in - Intelco LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (SIP)	0.98	4.08
816	Ce-in - Intelco LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (LS)	0.98	4.08
817	Ce-in - Base ecm, ighting, Controls to PRE T C_Schoo l (Kset) (SIP)	0.98	4.08
818	Ce-in - Base ecm, ighting, Controls to PRE T C_Schoo l (Kset) (LS)	0.98	4.08
819	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (SIP)	0.98	4.08
820	Ce-in - Intelco Heaters in Cooler ed (LED Fixtures) NEW (C_Wine store) Kset (LS)	0.98	4.08
821	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Ceiling) (N ew) (SIP)	0.98	4.08
822	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Ceiling) (N ew) (LS)	0.98	4.08
823	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Gro cery) (N ew) (SIP)	0.98	4.08
824	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Gro cery) (N ew) (LS)	0.98	4.08
825	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Restau rant) (N ew) (SIP)	0.98	4.08
826	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Restau rant) (N ew) (LS)	0.98	4.08
827	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Retail) (N ew) (SIP)	0.98	4.08
828	Ce-in - Demand Control led Ventilation - Com mer cial Kitche ns (NEW) (C_Retail) (N ew) (LS)	0.98	4.08
829	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Office) Kset (SIP)	0.98	4.08
830	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Office) Kset (LS)	0.98	4.08
831	Ce-in - LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (SIP)	0.98	4.08
832	Ce-in - LED Lam ps F ull ceiling fixt (NEW) (C_Health) Kset (LS)	0.98	4.08
833	Ce-in - LED Lam ps F ull ceiling fixt (NEW) (C_Retail) Kset (SIP)	0.98	4.08
834	Ce-in - LED Lam ps F ull ceiling fixt (NEW) (C_Retail) Kset (LS)	0.98	4.08
835	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Restau rant) Kset (SIP)	0.98	4.08
836	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Restau rant) Kset (LS)	0.98	4.08
837	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Office) (N ew) (SIP)	0.98	4.08
838	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Office) (N ew) (LS)	0.98	4.08
839	Ce-in - Intelco Light ing Co ntrols - occup ancy/dig ital ts ecm (NEW) (RET C_Retail) (Kset) (SIP)	0.98	4.08
840	Ce-in - Intelco Light ing Co ntrols - occup ancy/dig ital ts ecm (NEW) (RET C_Retail) (Kset) (LS)	0.98	4.08
841	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Schoo l) (N ew) (SIP)	0.94	4.08
842	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Schoo l) (N ew) (LS)	0.94	4.08
843	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Mem ber ship) (N ew) (SIP)	0.93	4.08
844	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Mem ber ship) (N ew) (LS)	0.93	4.08
845	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Mult Fam ily) (N ew) (SIP)	0.93	4.08
846	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Mult Fam ily) (N ew) (LS)	0.93	4.08
847	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Sing le Fa mily) (N ew) (SIP)	0.93	4.08
848	Ce-in - Tre ne Ha ve pa ssive ho ny ca ses s eating, ite pace of a FJC - Sp ce H ea t & (+ EC) (NEW) (R_Sing le Fa mily) (N ew) (LS)	0.93	4.08
849	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Ceiling) (N ew) (SIP)	0.81	4.08
850	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Ceiling) (N ew) (LS)	0.81	4.08
851	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Health) (N ew) (SIP)	0.81	4.08
852	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Health) (N ew) (LS)	0.81	4.08
853	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Office) Kset (SIP)	0.81	4.08
854	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Office) Kset (LS)	0.81	4.08
855	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Health) Kset (SIP)	0.81	4.08
856	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Health) Kset (LS)	0.81	4.08
857	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) Kset (SIP)	0.78	3.93
858	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) Kset (LS)	0.78	3.93
859	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Gro cery) Kset (SIP)	0.78	3.93
860	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Gro cery) Kset (LS)	0.78	3.93
861	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Lodg ing) Kset (SIP)	0.78	3.93
862	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Lodg ing) Kset (LS)	0.78	3.93
863	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Office) Kset (SIP)	0.78	3.93
864	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Office) Kset (LS)	0.78	3.93
865	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Retail) Kset (SIP)	0.78	3.93
866	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Retail) Kset (LS)	0.78	3.93
867	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Wine house) Kset (SIP)	0.78	3.93
868	Ce-in - Ce ntra l Gro ups Dem (PRE) (C_Wine house) Kset (LS)	0.78	3.93
869	Ce-in - Advanced Power St rips - 100% Applicable to PRE T R_Kitche nette (+ Kset) (SIP)	0.78	3.94
870	Ce-in - Advanced Power St rips - 100% Applicable to PRE T R_Mult Fam ily (+ Kset) (SIP)	0.78	3.94
871	Ce-in - Advanced Power St rips - 100% Applicable to PRE T R_Sing le Fa mily (+ Kset) (SIP)	0.78	3.94
872	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Health) Kset (SIP)	0.77	3.94
873	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Health) Kset (LS)	0.77	3.94
874	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Retail) Kset (SIP)	0.77	3.94
875	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Retail) Kset (LS)	0.77	3.94
876	Ce-in - Hg 8 Efficiency Ce ntra l Heat Pump System (NEW) (C_Schoo l) Kset (SIP)	0.77	3.93
877	Ce-in - Hg 8 Efficiency Ce ntra l Heat Pump System (NEW) (C_Schoo l) Kset (LS)	0.77	3.93
878	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Office) Kset (SIP)	0.76	3.93
879	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Office) Kset (LS)	0.76	3.93
880	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Schoo l) Kset (SIP)	0.76	3.93
881	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Schoo l) Kset (LS)	0.76	3.93
882	Ce-in - LED Re ttige sated Case L ighting (NEW) (C_Health) (N ot) (SIP)	0.76	3.93
883	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (RET) (NEW) (R_Mem ber ship) (Kset) (SIP)	0.76	3.93
884	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (RET) (NEW) (R_Mult Fam ily) (Kset) (SIP)	0.76	3.93
885	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
886	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
887	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
888	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
889	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
890	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
891	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
892	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
893	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
894	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
895	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
896	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
897	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.76	3.93
898	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.76	3.93
899	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Single Fam ily) (Kset) (SIP)	0.73	3.93
900	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Single Fam ily) (Kset) (LS)	0.73	3.93
901	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Sin gle Fa mily) (Low Inco me) (Kset) (SIP)	0.73	3.93
902	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Sin gle Fa mily) (Low Inco me) (Kset) (LS)	0.73	3.93
903	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mem ber ship) (Kset) (SIP)	0.73	3.93
904	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mem ber ship) (Kset) (LS)	0.73	3.93
905	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mult Fam ily) (Kset) (SIP)	0.73	3.93
906	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mult Fam ily) (Kset) (LS)	0.73	3.93
907	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mult Fam ily) (Low Inco me) (Kset) (SIP)	0.73	3.93
908	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Mult Fam ily) (Low Inco me) (Kset) (LS)	0.73	3.93
909	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Sing le Fa mily) (Kset) (SIP)	0.73	3.93
910	Ce-in - Hg 8 Efficiency Air Cond itioners < 100% Ap plicable (NEW) (R_Sing le Fa mily) (Kset) (LS)	0.73	3.93
911	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Restau rant) (Kset) (S	0.73	3.93
912	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Restau rant) (Kset) (SP	0.73	3.93
913	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Wine house) (N ot) (SIP)	0.73	3.93
914	Ce-in - LED Re ttige sated Case L ighting (NEW) (C_Restau rant) (N ot) (SIP)	0.72	3.93
915	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Gro cery) (Kset) (SIP)	0.72	3.93
916	Ce-in - Intelco LED Fixtu re - Other (instal ed at a ftter LED fixtu res in com mer cial app liceiles) (NEW) (C_Gro cery) (Kset) (LS)	0.72	3.93
917	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) (N ot) (SIP)	0.72	3.93
918	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Wine house) (N ot) (LS)	0.72	3.93
919	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (SIP)	0.72	3.93
920	Ce-in - LED Ind ear F ixture (Pre Based Lam ps) - Sp ace Hea ting - ER + EC (RET) (N ew) (LS)	0.72	3.93
921	Ce-in - LED Re ttige sated Case L ighting (NEW) (C_Gro cery) (N ot) (SIP)	0.72	3.93
922	Ce-in - LED Re ttige sated Case L ighting (NEW) (C_Gro cery) (N ot) (LS)	0.72	3.93
923	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_M ult Fam ily) (Kset) (SIP)	0.76	3.97
924	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_M ult Fam ily) (Kset) (LS)	0.76	3.97
925	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_Sin gle Fa mily) (Kset) (SIP)	0.76	3.97
926	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_Sin gle Fa mily) (Kset) (LS)	0.76	3.97
927	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_Sin gle Fa mily) (Low Inco me) (Kset) (SIP)	0.76	3.97
928	Ce-in - Ice-to-wa ter cooler (ceiling fo ur sided and wa ll doors - 100 % Ap plicable (NEW) (R_Sin gle Fa mily) (Low Inco me) (Kset) (LS)	0.76	3.97
929	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (N ot)	0.76	3.97
930	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (Kset) (SIP)	0.76	3.97
931	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (Kset) (LS)	0.76	3.97
932	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (N ot)	0.76	3.97
933	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (Kset) (SIP)	0.76	3.97
934	Ce-in - Hg 8 Efficiency AC/HP Equip ment >= 7.5 KBtu/h - Spa ce He ating - EH + EC (RED) (R_Sin gle Fa mily) (Low Inco me) (Kset) (LS)	0.76	3.97
935	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Gro cery) (Kset) (SIP)	0.76	3.97
936	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Gro cery) (Kset) (LS)	0.76	3.97
937	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Restau rant) Kset (SIP)	0.76	3.97
938	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Restau rant) Kset (LS)	0.76	3.97
939	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Gro cery) (N ot) (SIP)	0.76	3.97
940	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Gro cery) (N ot) (LS)	0.76	3.97
941	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Restau rant) (N ot) (SIP)	0.76	3.97
942	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Restau rant) (N ot) (LS)	0.76	3.97
943	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Health) (N ot) (SIP)	0.76	3.97
944	Ce-in - Hg 8 Efficiency Pa ckaged Air Cond ioning (NEW) (C_Health) (N ot) (LS)	0.76	3.97
945	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Gro cery) (N ot) (SIP)	0.76	3.97
946	Ce-in - Ice-O-Super ative Pre Cooling (NEW) (C_Gro cery) (N ot) (LS)	0.76	3.97
947	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Gro cery) Kset (SIP)	0.76	3.97
948	Ce-in - Ca dbury M ini Split Heat Pump s (NEW) (C_Gro cery) Kset (LS)	0.76	3.97
949

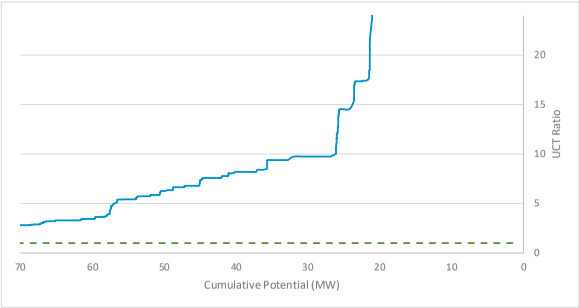
Path	Measure	TRC Rate	Co-incident Peak kW	Co-incident Peak kWh
989	Res - LED Dual door Picture - Space Heating - EH + HE	RECS	0.58	0.45
990	Res - LED Dual door Picture - Space Heating - EH + NC	RECS	0.58	0.45
991	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
992	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
993	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
994	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
995	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
996	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
997	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
998	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
999	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1000	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1001	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1002	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1003	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1004	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1005	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1006	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1007	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1008	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1009	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1010	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1011	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1012	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1013	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1014	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1015	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1016	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1017	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1018	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1019	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1020	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1021	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1022	Res - LED Dual door Picture - Space Heating - EH + EC	RECS	0.58	0.45
1023	Res - Ceiling Mounted Lamp - Space Heating - EH + HE	RECS	0.58	0.45
1024	Res - Ceiling Mounted Lamp - Space Heating - EH + NC	RECS	0.58	0.45
1025	Ccm - DK RTU Unit of air gas p scales	RECS	0.52	0.46
1026	Ccm - Vending Machine A Cold refs	RECS	0.53	0.46
1027	Ccm - Hp 5 Efficiency Ac Unpaired	Ad Cond	0.53	0.46
1028	Ccm - Hp 5 Efficiency Ac Paired	Ad Cond	0.53	0.46
1029	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1030	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1031	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1032	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1033	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1034	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1035	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1036	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1037	Ccm - HVAC Variable Refrigeration Drives	FRETC	0.51	0.46
1038	Res - Inte nor oper able win windows - Space Heating - EH + HE	RETR	0.51	0.58
1039	Res - Inte nor oper able win windows - Space Heating - EH + NC	RETR	0.51	0.58
1040	Res - Inte nor oper able win windows - Space Heating - EH + EC	RETR	0.51	0.58
1041	Res - Inte nor oper able win windows - Space Heating - EH + EC	RETR	0.51	0.58
1042	Res - Inte nor oper able win windows - Space Heating - EH + EC	RETR	0.51	0.58
1043	Res - Inte nor oper able win windows - Space Heating - EH + EC	RETR	0.51	0.58
1044	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1045	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1046	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1047	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1048	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1049	Ccm - DK RTU Unit of air gas p scales	NEIV	0.50	0.44
1050	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1051	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1052	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1053	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1054	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1055	Res - Wire Insulation - Space Heating - EH + EC	RETR	0.48	0.58
1056	Ccm - Vending Machine A Cold refs	FRETC	0.47	0.46
1057	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1058	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1059	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1060	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1061	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1062	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1063	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1064	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1065	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1066	Res - High Efficiency VRF Heat Pumps equip meet - Space Heating - EH + EC	NEIV	0.47	0.58
1067	Ccm - DK RTU Unit of air gas p scales	NEIV	0.46	0.44
1068	Ccm - DK RTU Unit of air gas p scales	NEIV	0.46	0.44
1069	Ccm - DK RTU Unit of air gas p scales	NEIV	0.46	0.44
1070	Ccm - DK RTU Unit of air gas p scales	NEIV	0.46	0.44
1071	Res - Cent Air Cond Silicone Tx res p	100% Applicable	FRET	0.42
1072	Res - Cent Air Cond silicone Tx res p	100% Applicable	HPRT	0.42
1073	Res - Cent Air Cond silicone Tx res p	100% Applicable	HPRT	0.42
1074	Res - Cent Air Cond silicone Tx res p	100% Applicable	HPRT	0.42
1075	Res - Cent Air Cond silicone Tx res p	100% Applicable	HPRT	0.42
1076	Res - Cent Air Cond silicone Tx res p	100% Applicable	HPRT	0.42
1077	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1078	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1079	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1080	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1081	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1082	Res - Air Sealing - Space Heating - EH + HE	FRETC	Mult Fan	0.42
1083	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1084	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1085	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1086	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1087	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1088	Res - Heat Pump Water Heater - 100% Applicable	RECS	Man electric	Non
1089	Ccm - Vending Machine A Cold refs	FRETC	Fin stear	Non
1090	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1091	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1092	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1093	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1094	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1095	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1096	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Cottage	Non
1097	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1098	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1099	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1100	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1101	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1102	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Health	Non
1103	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1104	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1105	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1106	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1107	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1108	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Lodg	Non
1109	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1110	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1111	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1112	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1113	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1114	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1115	Res - ENERGY STAR Heat Heating Cabinet	NEIV	C Restau	Non
1116	Ccm - Ductless Mini-Split Heat Pump s	FRETC	Data S	Non
1117	Ccm - Ductless Mini-Split Heat Pump s	FRETC	Data S	Non
1118	Ccm - Air sealing - Machine A Cold refs	FRETC	Ventilat	Non
1119	Ccm - Ductless Mini-Split Heat Pump s	FRETC	C Laundry	Non
1120	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Area Wh	Non
1121	Ccm - Air sealing - Machine A Cold refs	FRETC	C Restau	Non
1122	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Area Wh	Non
1123	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	C Lodging	Non
1124	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1125	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1126	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1127	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1128	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1129	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1130	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1131	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Fin Mult	Fan
1132	Ccm - Ductless Mini-Split Heat Pump s	FRETC	Office	Non
1133	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Cooking	Non
1134	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Lg Bldg	Non
1135	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Office	Non
1136	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Office	Non
1137	Ccm - Ductless Mini-Split Heat Pump s	FRETC	Schools	Non
1138	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Office	Non
1139	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Lg Bldg	Non
1140	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1141	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1142	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1143	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1144	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1145	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1146	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1147	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1148	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1149	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Cooking	Non
1150	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1151	Res - Nelsnet Alert Comm cnet - Indoor LED Lamp - Space Heating - EH + EC	NEIV	Mt ensite clean	Non
1152	Ccm - Chillers: ice cu stom, s entific gas: no silicone w	FRETC	Schools	Non
1153	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1154	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1155	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1156	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1157	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1158	Res - Extra Insulation - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1159	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1160	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1161	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1162	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1163	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1164	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1165	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1166	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1167	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1168	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1169	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1170	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1171	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1172	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1173	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1174	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1175	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1176	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1177	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1178	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1179	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1180	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1181	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1182	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1183	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1184	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1185	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1186	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1187	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1188	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1189	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1190	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1191	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1192	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1193	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1194	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1195	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1196	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1197	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1198	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1199	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1200	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1201	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1202	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1203	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1204	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1205	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1206	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1207	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1208	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1209	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1210	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1211	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1212	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1213	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1214	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1215	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1216	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1217	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1218	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1219	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1220	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1221	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1222	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1223	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1224	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1225	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1226	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1227	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1228	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1229	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1230	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1231	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1232	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1233	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1234	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1235	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1236	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1237	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1238	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1239	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1240	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1241	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1242	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1243	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1244	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1245	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1246	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1247	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1248	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1249	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1250	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1251	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1252	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1253	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1254	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1255	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1256	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1257	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1258	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1259	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1260	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1261	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1262	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1263	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1264	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1265	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1266	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1267	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1268	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1269	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1270	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1271	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1272	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1273	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1274	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1275	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1276	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1277	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1278	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1279	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1280	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1281	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1282	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1283	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1284	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1285	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1286	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1287	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1288	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1289	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1290	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1291	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1292	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1293	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1294	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1295	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1296	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1297	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1298	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1299	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1300	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1301	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1302	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1303	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1304	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1305	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1306	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1307	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1308	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1309	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1310	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1311	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1312	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1313	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1314	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1315	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1316	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1317	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1318	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1319	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1320	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1321	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1322	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1323	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1324	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1325	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic wall	Non
1326	Res - Air Sealing - Space Heating - EH + EC	RETR	Mass tactic

Rank	Measure	TRC Rate	Cumulative Present Value (MM)	
1.000	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_MultiFamily	Attic	0.14	0.11	1
1.231	Res - Ceiling Insulation - Base Heating - EH	NEW	1R_MultiFamily	Low Income	0.03	0.01	1
1.232	Res - Ceiling Insulation - Base Heating - EH	NEW	1R_Single Family	Low Income	0.03	0.01	1
1.233	Res - Ceiling Insulation - Base Heating - EH	NEW	1R_Single Family	Low Income	Non	0.03	0.01	1
1.234	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Single Family	Low Income	0.03	0.01	1
1.235	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Multi Family	Low Income	0.03	0.01	1
1.236	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Mobile Home	0.03	0.01	1
1.237	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Single Family	0.03	0.01	1
1.238	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Multi Family	Low Income	Non	0.03	0.01	1
1.239	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Mobile Home	Low Income	Non	0.03	0.01	1
1.240	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Single Family	Low Income	Non	0.03	0.01	1
1.241	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Single Family	Non	0.03	0.01	1
1.242	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Multi Family	Non	0.03	0.01	1
1.243	Res - ENERGY STAR Refrigerators - 100% Applicable	NEW	1R_Mobile Home	Non	0.03	0.01	1
1.244	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	0.01	0.01	1
1.245	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	0.01	0.01	1
1.246	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.247	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.248	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.249	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.250	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.251	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.252	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.253	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.254	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.255	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.256	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.257	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.258	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.259	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.260	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.261	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.262	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.263	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.264	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.265	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.266	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.267	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.268	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.269	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.270	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.271	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.272	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.273	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.274	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.275	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.276	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.277	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.278	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.279	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.280	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.281	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.282	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.283	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.284	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.285	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.286	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.287	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.288	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.289	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.290	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.291	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.292	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.293	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.294	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.295	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.296	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.297	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.298	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.299	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.300	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.301	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.302	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.303	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.304	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.305	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.306	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.307	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.308	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.309	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.310	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.311	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.312	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.313	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.314	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.315	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.316	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.317	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.318	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.319	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.320	Res - Ceiling Insulation - Base Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.321	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Multi Family	Attic	0.01	0.01	1
1.322	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.323	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Single Family	Low Income	Non	0.01	0.01	1
1.324	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Multi Family	Low Income	Non	0.01	0.01	1
1.325	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Mobile Home	Low Income	Non	0.01	0.01	1
1.326	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Single Family	Non	0.01	0.01	1
1.327	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.328	Res - Ceiling Insulation - Space Heating - EH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.329	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	0.01	0.01	1
1.330	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	0.01	0.01	1
1.331	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.332	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.333	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.334	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.335	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.336	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.337	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.338	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	0.01	0.01	1
1.339	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.340	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.341	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.342	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Non	0.01	0.01	1
1.343	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Multi Family	Non	0.01	0.01	1
1.344	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.345	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.346	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Non	0.01	0.01	1
1.347	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Multi Family	Non	0.01	0.01	1
1.348	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.349	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.350	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Single Family	Non	0.01	0.01	1
1.351	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Multi Family	Non	0.01	0.01	1
1.352	Res - ENERGY STAR Pool Pumps - 100% Applicable	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.353	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	0.01	0.01	1
1.354	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	0.01	0.01	1
1.355	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.356	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.357	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.358	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.359	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.360	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.361	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.362	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Single Family	0.01	0.01	1
1.363	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.364	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.365	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.366	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Single Family	Non	0.01	0.01	1
1.367	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Multi Family	Non	0.01	0.01	1
1.368	Res - ENERGY STAR Pool Heaters - 100% Applicable	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.369	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.370	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.371	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.372	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.373	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.374	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.375	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.376	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.377	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.378	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.379	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.380	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.381	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.382	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.383	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.384	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.385	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.386	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.387	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.388	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.389	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.390	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.391	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.392	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.393	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.394	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.395	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.396	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.397	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.398	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.399	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.400	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.401	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.402	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.403	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.404	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.405	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.406	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.407	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.408	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.409	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.410	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.411	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.412	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.413	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.414	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.415	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.416	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.417	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.418	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.419	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.420	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.421	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.422	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.423	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.424	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.425	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.426	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.427	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.428	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.429	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.430	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.431	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.432	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.433	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.434	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.435	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.436	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.437	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.438	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.439	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.440	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.441	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.442	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.443	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.444	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.445	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.446	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.447	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.448	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.449	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.450	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.451	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.452	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.453	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.454	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.455	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.456	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.457	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.458	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.459	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.460	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.461	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.462	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.463	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.464	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.465	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.466	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.467	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.468	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.469	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.470	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.471	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Non	0.01	0.01	1
1.472	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Non	0.01	0.01	1
1.473	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Non	0.01	0.01	1
1.474	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	0.01	0.01	1
1.475	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Single Family	Low Income	0.01	0.01	1
1.476	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Multi Family	Low Income	0.01	0.01	1
1.477	Res - Ceiling Insulation - Space Heating - GH	NEW	1R_Mobile Home	Low Income	0.01	0.01	1
1.478	Res - Ceiling Insulation - Space Heating - GH	N

Electric Demand Achievable Potential UTC Supply Curve in 2030

Rank	Measure	UCT Ratio	Cumulative Potential (MW)
1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
2	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2
3	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	65,535.00	2
4	Res - Evaporative Cooling - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	4
5	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	65,535.00	4
6	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	4
7	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	65,535.00	4
8	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	65,535.00	4
9	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	65,535.00	4
10	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_M	65,535.00	4
11	Res - Evaporative Cooling - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | S	65,535.00	5
12	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_M	65,535.00	5
13	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_M	65,535.00	5
14	Res - Evaporative Cooling - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	65,535.00	6
15	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	65,535.00	6
16	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family | Xcel | SPS	65,535.00	10
17	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family | Xcel | SPS	65,535.00	10
18	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family | Xcel | SPS	65,535.00	11
19	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	15
20	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family | Xcel | SPS	65,535.00	15
21	Res - Evaporative Cooling - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	65,535.00	17
22	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SF	65,535.00	17
23	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | RET | R_Single Family Low Income | Xcel | SP	65,535.00	18
24	Res - Evaporative Cooling - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	65,535.00	21
25	Res - Home Energy Report (Energy Feedback Residential) - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SP	65,535.00	21
26	Ind - No Air Loss Drain | RET | I_Agriculture | Xcel | SPS	63.67	21
27	Com - Pre-rinse Spray Valves | RET | C_Health | Xcel | SPS	62.51	21
28	Com - Pre-rinse Spray Valves | RET | C_Other | Xcel | SPS	62.51	21
29	Com - Pre-rinse Spray Valves | RET | C_College | Xcel | SPS	46.92	21
30	Com - Pre-rinse Spray Valves | RET | C_Grocery | Xcel | SPS	46.84	21
31	Com - Pre-rinse Spray Valves | RET | C_Lodging | Xcel | SPS	46.84	21
32	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	26.33	21
33	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	26.33	21
34	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	26.33	21
35	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	26.33	21
36	Res - Programmable Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	26.33	21
37	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	24.42	21
38	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	24.42	21
39	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	24.42	21
40	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	24.42	21
41	Res - Smart Thermostat - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	24.42	21
42	Com - Low-flow Faucet Aerator | NEW | C_Other | Xcel | SPS	23.74	21
43	Com - Low-flow Faucet Aerator | RET | C_Other | Xcel | SPS	23.74	21
44	Ind - VFDs on Industrial Fans and Pumps | RET | I_Agriculture | Xcel | SPS	21.62	21
45	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	20.52	21
46	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	20.52	21
47	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	20.52	21
48	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	20.52	21
49	Res - Programmable Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	20.52	21
50	Com - Exterior LED Lamp | NEW | C_Lodging | Xcel | SPS	19.80	21
51	Com - Exterior LED Lamp | ROB | C_Lodging | Xcel | SPS	19.80	21
52	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	18.50	21
53	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	18.50	21
54	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	18.50	21
55	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	18.50	21
56	Res - Smart Thermostat - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	18.50	21
57	Com - Exterior LED Lamp | NEW | C_Health | Xcel | SPS	18.47	21
58	Com - Exterior LED Lamp | ROB | C_Health | Xcel | SPS	18.47	21
59	Com - Exterior LED Lamp | NEW | C_School | Xcel | SPS	17.90	21
60	Com - Exterior LED Lamp | ROB | C_School | Xcel | SPS	17.90	21
61	Com - Exterior LED Lamp | NEW | C_Restaurant | Xcel | SPS	17.72	21
62	Com - Exterior LED Lamp | ROB | C_Restaurant | Xcel | SPS	17.72	22
63	Com - Exterior LED Lamp | NEW | C_Retail | Xcel | SPS	17.59	22
64	Com - Exterior LED Lamp | ROB | C_Retail | Xcel | SPS	17.59	22
65	Com - Packaged Terminal Heat Pumps | NEW | C_Retail | Xcel | SPS	17.51	22
66	Com - Packaged Terminal Heat Pumps | ROB | C_Retail | Xcel | SPS	17.51	22
67	Com - Exterior LED Lamp | NEW | C_Office | Xcel | SPS	17.42	22
68	Com - Exterior LED Lamp | ROB | C_Office | Xcel | SPS	17.42	22
69	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Manufactured | Xcel |	17.35	22
70	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SI	17.35	23
71	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Multi Family Low Inco	17.35	23
72	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family | Xcel |	17.35	23
73	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - Space Heating - EH + EC | RET | R_Single Family Low Inc	17.35	23
74	Com - Packaged Terminal Heat Pumps | NEW | C_Restaurant | Xcel | SPS	17.18	23
75	Com - Packaged Terminal Heat Pumps | ROB | C_Restaurant | Xcel | SPS	17.18	23
76	Com - Packaged Terminal Heat Pumps | NEW | C_Lodging | Xcel | SPS	17.13	24
77	Com - Packaged Terminal Heat Pumps | ROB | C_Lodging | Xcel | SPS	17.13	24
78	Com - Exterior LED Lamp | NEW | C_College | Xcel | SPS	17.01	24
79	Com - Exterior LED Lamp | ROB | C_College | Xcel | SPS	17.01	24
80	Com - Exterior LED Lamp | NEW | C_Other | Xcel | SPS	16.83	24
81	Com - Exterior LED Lamp | ROB | C_Other | Xcel | SPS	16.83	24

Benefit-Cost Ratios of 65,535.00 are equivalent to infinity, which occurs when costs are zero.



1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
82	Com - Exterior LED Lamp | NEW | C_Grocery | Xcel | SPS	15.56	24	1
83	Com - Exterior LED Lamp | ROB | C_Grocery | Xcel | SPS	15.56	24	1
84	Com - Pre-rinse Spray Valves | RET | C_School | Xcel | SPS	15.41	24	1
85	Com - Packaged Terminal Heat Pumps | NEW | C_Office | Xcel | SPS	14.55	24	1
86	Com - Packaged Terminal Heat Pumps | ROB | C_Office | Xcel | SPS	14.55	25	1
87	Com - Exterior LED Lamp | NEW | C_Warehouse | Xcel | SPS	14.49	25	1
88	Com - Exterior LED Lamp | ROB | C_Warehouse | Xcel | SPS	14.49	26	1
89	Com - Packaged Terminal Heat Pumps | NEW | C_College | Xcel | SPS	14.03	26	1
90	Com - Packaged Terminal Heat Pumps | ROB | C_College | Xcel | SPS	14.03	26	1
91	Com - Packaged Terminal Heat Pumps | NEW | C_Health | Xcel | SPS	13.83	26	1
92	Com - Packaged Terminal Heat Pumps | ROB | C_Health | Xcel | SPS	13.83	26	1
93	Com - Packaged Terminal Air Conditioners | NEW | C_Lodging | Xcel | SPS	13.78	26	1
94	Com - Packaged Terminal Air Conditioners | ROB | C_Lodging | Xcel | SPS	13.78	26	1
95	Com - Packaged Terminal Air Conditioners | NEW | C_Retail | Xcel | SPS	13.76	26	1
96	Com - Packaged Terminal Air Conditioners | ROB | C_Retail | Xcel | SPS	13.76	26	1
97	Com - Pre-rinse Spray Valves | RET | C_Restaurant | Xcel | SPS	13.66	26	1
98	Com - Packaged Terminal Air Conditioners | NEW | C_Restaurant | Xcel | SPS	12.95	26	1
99	Com - Packaged Terminal Air Conditioners | ROB | C_Restaurant | Xcel | SPS	12.95	26	1
100	Com - Low-flow Faucet Aerator | NEW | C_College | Xcel | SPS	12.73	26	1
101	Com - Low-flow Faucet Aerator | RET | C_College | Xcel | SPS	12.73	26	1
102	Com - Low-flow Faucet Aerator | RET | C_Office | Xcel | SPS	12.73	26	1
103	Com - Low-flow Faucet Aerator | NEW | C_School | Xcel | SPS	12.73	26	1
104	Com - Low-flow Faucet Aerator | RET | C_School | Xcel | SPS	12.73	26	1
105	Com - Packaged Terminal Heat Pumps | NEW | C_Warehouse | Xcel | SPS	12.67	26	1
106	Com - Packaged Terminal Heat Pumps | ROB | C_Warehouse | Xcel | SPS	12.67	26	1
107	Com - Packaged Terminal Air Conditioners | NEW | C_College | Xcel | SPS	12.17	26	1
108	Com - Packaged Terminal Air Conditioners | ROB | C_College | Xcel | SPS	12.17	26	1
109	Com - Packaged Terminal Air Conditioners | NEW | C_Office | Xcel | SPS	12.13	26	1
110	Com - Packaged Terminal Air Conditioners | ROB | C_Office | Xcel | SPS	12.13	26	1
111	Com - Packaged Terminal Heat Pumps | NEW | C_Grocery | Xcel | SPS	12.07	26	1
112	Com - Packaged Terminal Heat Pumps | ROB | C_Grocery | Xcel | SPS	12.07	26	1
113	Com - Packaged Terminal Air Conditioners | NEW | C_Health | Xcel | SPS	12.00	26	1
114	Com - Packaged Terminal Air Conditioners | ROB | C_Health | Xcel | SPS	12.00	26	1
115	Com - ENERGY STAR Commercial Dishwasher | NEW | C_College | Xcel | SPS	11.63	26	1
116	Com - ENERGY STAR Commercial Dishwasher | ROB | C_College | Xcel | SPS	11.63	26	1
117	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Grocery | Xcel | SPS	11.63	26	1
118	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Grocery | Xcel | SPS	11.63	26	1
119	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Health | Xcel | SPS	11.63	26	1
120	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Health | Xcel | SPS	11.63	26	1
121	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Lodging | Xcel | SPS	11.63	26	1
122	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Lodging | Xcel | SPS	11.63	26	1
123	Com - ENERGY STAR Commercial Dishwasher | NEW | C_Restaurant | Xcel | SPS	11.63	26	1
124	Com - ENERGY STAR Commercial Dishwasher | ROB | C_Restaurant | Xcel | SPS	11.63	26	1
125	Com - Packaged Terminal Air Conditioners | NEW | C_Warehouse | Xcel | SPS	10.99	26	1
126	Com - Packaged Terminal Air Conditioners | ROB | C_Warehouse | Xcel | SPS	10.99	26	1
127	Com - Packaged Terminal Heat Pumps | NEW | C_School | Xcel | SPS	10.63	26	1
128	Com - Packaged Terminal Heat Pumps | ROB | C_School | Xcel | SPS	10.63	26	1
129	Com - Packaged Terminal Air Conditioners | NEW | C_Grocery | Xcel | SPS	10.47	26	1
130	Com - Packaged Terminal Air Conditioners | ROB | C_Grocery | Xcel | SPS	10.47	26	1
131	Com - Packaged Terminal Heat Pumps | NEW | C_Other | Xcel | SPS	10.46	26	1
132	Com - Packaged Terminal Heat Pumps | ROB | C_Other | Xcel | SPS	10.46	26	1
133	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Lodging | Xcel | SPS	10.02	26	1
134	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Lodging | Xcel | SPS	10.02	26	1
135	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Manufactured | Xcel | SPS	9.75	27	1
136	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	9.75	27	1
137	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Multi Family Low Income | Xce	9.75	28	1
138	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family | Xcel | SPS	9.75	31	1
139	Res - Central AC/Heat Pump Quality Installation Verification (QIV) - 100% Applicable | RET | R_Single Family Low Income | Xc	9.75	32	1
140	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	9.40	33	1
141	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	9.40	33	1
142	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	9.40	33	1
143	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	9.40	35	1
144	Res - Duct Sealing - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	9.40	36	1
145	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Other | Xcel | SPS	9.31	36	1
146	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Other | Xcel | SPS	9.31	36	1
147	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Restaurant | Xcel | SPS	9.11	36	1
148	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Restaurant | Xcel | SPS	9.11	36	1
149	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_School | Xcel | SPS	8.78	36	1
150	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_School | Xcel | SPS	8.78	36	1
151	Com - Packaged Terminal Air Conditioners | NEW | C_Other | Xcel | SPS	8.57	36	1
152	Com - Packaged Terminal Air Conditioners | ROB | C_Other | Xcel | SPS	8.57	36	1
153	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_College | Xcel | SPS	8.48	36	1
154	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_College | Xcel | SPS	8.48	36	1
155	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Office | Xcel | SPS	8.41	36	1
156	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Office | Xcel | SPS	8.41	37	1
157	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	8.20	37	1
158	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	8.20	38	1
159	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	8.20	38	1
160	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	8.20	38	1
161	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	8.20	38	1
162	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	8.20	38	1
163	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	8.20	38	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
164	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	8.20	39	1
165	Res - ENERGY STAR Windows - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	8.20	40	1
166	Res - ENERGY STAR Windows - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	8.20	40	1
167	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Health | Xcel | SPS	8.09	40	1
168	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Health | Xcel | SPS	8.09	40	1
169	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Retail | Xcel | SPS	8.07	40	1
170	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Retail | Xcel | SPS	8.07	41	1
171	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	8.06	41	1
172	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	8.06	41	1
173	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	8.06	41	1
174	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	8.06	41	1
175	Res - Ceiling Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	8.06	41	1
176	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Health | Xcel | SPS	8.04	41	1
177	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Health | Xcel | SPS	8.04	41	1
178	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Retail | Xcel | SPS	7.87	41	1
179	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Retail | Xcel | SPS	7.87	41	1
180	Com - Packaged Terminal Air Conditioners | NEW | C_School | Xcel | SPS	7.78	41	1
181	Com - Packaged Terminal Air Conditioners | ROB | C_School | Xcel | SPS	7.78	41	1
182	Com - Custom motors | NEW | C_College | Xcel | SPS	7.77	41	1
183	Com - Custom motors | RET | C_College | Xcel | SPS	7.77	41	1
184	Com - Custom motors | NEW | C_Grocery | Xcel | SPS	7.77	41	1
185	Com - Custom motors | RET | C_Grocery | Xcel | SPS	7.77	41	1
186	Com - Custom motors | NEW | C_Health | Xcel | SPS	7.77	41	1
187	Com - Custom motors | RET | C_Health | Xcel | SPS	7.77	41	1
188	Com - Custom motors | NEW | C_Lodging | Xcel | SPS	7.77	41	1
189	Com - Custom motors | RET | C_Lodging | Xcel | SPS	7.77	41	1
190	Com - Custom motors | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	7.77	41	1
191	Com - Custom motors | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	7.77	41	1
192	Com - Custom motors | NEW | C_Office | Xcel | SPS	7.77	41	1
193	Com - Custom motors | RET | C_Office | Xcel | SPS	7.77	42	1
194	Com - Custom motors | NEW | C_Other | Xcel | SPS	7.77	42	1
195	Com - Custom motors | RET | C_Other | Xcel | SPS	7.77	42	1
196	Com - Custom motors | NEW | C_Restaurant | Xcel | SPS	7.77	42	1
197	Com - Custom motors | RET | C_Restaurant | Xcel | SPS	7.77	42	1
198	Com - Custom motors | NEW | C_Retail | Xcel | SPS	7.77	42	1
199	Com - Custom motors | RET | C_Retail | Xcel | SPS	7.77	42	1
200	Com - Custom motors | NEW | C_School | Xcel | SPS	7.77	42	1
201	Com - Custom motors | RET | C_School | Xcel | SPS	7.77	42	1
202	Com - Custom motors | NEW | C_Warehouse | Xcel | SPS	7.77	42	1
203	Com - Custom motors | RET | C_Warehouse | Xcel | SPS	7.77	42	1
204	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Restaurant | Xcel | SPS	7.65	42	1
205	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Restaurant | Xcel | SPS	7.65	42	1
206	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.58	42	1
207	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	7.58	42	1
208	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.58	42	1
209	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	7.58	42	1
210	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.58	42	1
211	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	7.58	42	1
212	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.58	43	1
213	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	7.58	44	1
214	Res - ENERGY STAR Windows - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.58	44	1
215	Res - ENERGY STAR Windows - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	7.58	45	1
216	Com - Room Air Conditioners | NEW | C_Retail | Xcel | SPS	7.51	45	1
217	Com - Room Air Conditioners | ROB | C_Retail | Xcel | SPS	7.51	45	1
218	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.44	45	1
219	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.44	45	1
220	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.44	45	1
221	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.44	45	1
222	Res - Programmable Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.44	45	1
223	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	7.39	45	1
224	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	7.39	45	1
225	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	7.39	45	1
226	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	7.39	45	1
227	Res - Smart Thermostat - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	7.39	45	1
228	Com - Room Air Conditioners | NEW | C_Lodging | Xcel | SPS	7.39	45	1
229	Com - Room Air Conditioners | ROB | C_Lodging | Xcel | SPS	7.39	45	1
230	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Warehouse | Xcel | SPS	7.37	45	1
231	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Warehouse | Xcel | SPS	7.37	45	1
232	Com - Room Air Conditioners | NEW | C_Restaurant | Xcel | SPS	7.10	45	1
233	Com - Room Air Conditioners | ROB | C_Restaurant | Xcel | SPS	7.10	45	1
234	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Grocery | Xcel | SPS	6.79	45	1
235	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Grocery | Xcel | SPS	6.79	45	1
236	Com - Low-flow Faucet Aerator | NEW | C_Health | Xcel | SPS	6.79	46	1
237	Com - Low-flow Faucet Aerator | RET | C_Health | Xcel | SPS	6.79	47	1
238	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Grocery | Xcel | SPS	6.70	47	1
239	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Grocery | Xcel | SPS	6.70	47	1
240	Com - Room Air Conditioners | NEW | C_College | Xcel | SPS	6.65	47	1
241	Com - Room Air Conditioners | ROB | C_College | Xcel | SPS	6.65	47	1
242	Com - Room Air Conditioners | NEW | C_Office | Xcel | SPS	6.65	48	1
243	Com - Room Air Conditioners | ROB | C_Office | Xcel | SPS	6.65	49	1
244	Com - Room Air Conditioners | NEW | C_Health | Xcel | SPS	6.57	49	1
245	Com - Room Air Conditioners | ROB | C_Health | Xcel | SPS	6.57	49	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
246	Com - Exterior LED fixture | NEW | C_Lodging | Xcel | SPS	6.51	49	1
247	Com - Exterior LED fixture | ROB | C_Lodging | Xcel | SPS	6.51	49	1
248	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_College | Xcel | SPS	6.35	49	1
249	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Grocery | Xcel | SPS	6.35	49	1
250	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Health | Xcel | SPS	6.35	49	1
251	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Lodging | Xcel | SPS	6.35	49	1
252	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Office | Xcel | SPS	6.35	49	1
253	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Other | Xcel | SPS	6.35	49	1
254	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Restaurant | Xcel | SPS	6.35	49	1
255	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Retail | Xcel | SPS	6.35	49	1
256	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_School | Xcel | SPS	6.35	49	1
257	Com - ECM motors for reach-in and walk-in coolers and freezers | RET | C_Warehouse | Xcel | SPS	6.35	50	1
258	Com - Interior Linear Lamp (including high, medium, low bay lamps) | NEW | C_Warehouse | Xcel | SPS	6.27	50	1
259	Com - Interior Linear Lamp (including high, medium, low bay lamps) | ROB | C_Warehouse | Xcel | SPS	6.27	50	1
260	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Office | Xcel | SPS	6.26	50	1
261	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Office | Xcel | SPS	6.26	51	1
262	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Other | Xcel | SPS	6.12	51	1
263	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Other | Xcel | SPS	6.12	51	1
264	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	6.10	51	1
265	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	6.10	51	1
266	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	6.10	51	1
267	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	6.10	51	1
268	Res - Duct Sealing - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	6.10	51	1
269	Com - Exterior LED fixture | NEW | C_Health | Xcel | SPS	6.07	51	1
270	Com - Exterior LED fixture | ROB | C_Health | Xcel | SPS	6.07	51	1
271	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	5.99	51	1
272	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	5.99	51	1
273	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	5.99	51	1
274	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	5.99	51	1
275	Res - Ceiling Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	5.99	51	1
276	Com - Exterior LED fixture | NEW | C_School | Xcel | SPS	5.89	51	1
277	Com - Exterior LED fixture | ROB | C_School | Xcel | SPS	5.89	51	1
278	Com - Custom cooling | NEW | C_College | Xcel | SPS	5.87	51	1
279	Com - Custom cooling | RET | C_College | Xcel | SPS	5.87	51	1
280	Com - Custom cooling | NEW | C_Grocery | Xcel | SPS	5.87	51	1
281	Com - Custom cooling | RET | C_Grocery | Xcel | SPS	5.87	51	1
282	Com - Custom cooling | NEW | C_Health | Xcel | SPS	5.87	51	1
283	Com - Custom cooling | RET | C_Health | Xcel | SPS	5.87	51	1
284	Com - Custom cooling | NEW | C_Lodging | Xcel | SPS	5.87	51	1
285	Com - Custom cooling | RET | C_Lodging | Xcel | SPS	5.87	51	1
286	Com - Custom cooling | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.87	51	1
287	Com - Custom cooling | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.87	51	1
288	Com - Custom cooling | NEW | C_Office | Xcel | SPS	5.87	51	1
289	Com - Custom cooling | RET | C_Office | Xcel | SPS	5.87	51	1
290	Com - Custom cooling | NEW | C_Other | Xcel | SPS	5.87	51	1
291	Com - Custom cooling | RET | C_Other | Xcel | SPS	5.87	51	1
292	Com - Custom cooling | NEW | C_Restaurant | Xcel | SPS	5.87	51	1
293	Com - Custom cooling | RET | C_Restaurant | Xcel | SPS	5.87	51	1
294	Com - Custom cooling | NEW | C_Retail | Xcel | SPS	5.87	51	1
295	Com - Custom cooling | RET | C_Retail | Xcel | SPS	5.87	52	1
296	Com - Custom cooling | NEW | C_School | Xcel | SPS	5.87	52	1
297	Com - Custom cooling | RET | C_School | Xcel | SPS	5.87	52	1
298	Com - Custom cooling | NEW | C_Warehouse | Xcel | SPS	5.87	52	1
299	Com - Custom cooling | RET | C_Warehouse | Xcel | SPS	5.87	52	1
300	Com - Exterior LED fixture | NEW | C_Restaurant | Xcel | SPS	5.83	52	1
301	Com - Exterior LED fixture | ROB | C_Restaurant | Xcel | SPS	5.83	52	1
302	Com - Room Air Conditioners | NEW | C_Warehouse | Xcel | SPS	5.81	52	1
303	Com - Room Air Conditioners | ROB | C_Warehouse | Xcel | SPS	5.81	52	1
304	Com - Exterior LED fixture | NEW | C_Retail | Xcel | SPS	5.79	52	1
305	Com - Exterior LED fixture | ROB | C_Retail | Xcel | SPS	5.79	52	1
306	Com - Room Air Conditioners | NEW | C_Grocery | Xcel | SPS	5.78	52	1
307	Com - Room Air Conditioners | ROB | C_Grocery | Xcel | SPS	5.78	52	1
308	Com - Custom Lighting | NEW | C_College | Xcel | SPS	5.74	52	1
309	Com - Custom Lighting | NEW | C_Grocery | Xcel | SPS	5.74	52	1
310	Com - Custom Lighting | NEW | C_Health | Xcel | SPS	5.74	52	1
311	Com - Custom Lighting | NEW | C_Lodging | Xcel | SPS	5.74	52	1
312	Com - Custom Lighting | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.74	52	1
313	Com - Custom Lighting | NEW | C_Office | Xcel | SPS	5.74	53	1
314	Com - Custom Lighting | NEW | C_Other | Xcel | SPS	5.74	53	1
315	Com - Custom Lighting | NEW | C_Restaurant | Xcel | SPS	5.74	53	1
316	Com - Custom Lighting | NEW | C_Retail | Xcel | SPS	5.74	53	1
317	Com - Custom Lighting | NEW | C_School | Xcel | SPS	5.74	53	1
318	Com - Custom Lighting | NEW | C_Warehouse | Xcel | SPS	5.74	53	1
319	Com - Exterior LED fixture | NEW | C_Office | Xcel | SPS	5.73	53	1
320	Com - Exterior LED fixture | ROB | C_Office | Xcel | SPS	5.73	54	1
321	Ind - LED Lighting for Industrial Applications | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.61	54	1
322	Ind - LED Lighting for Industrial Applications | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.61	54	1
323	Com - Exterior LED fixture | NEW | C_College | Xcel | SPS	5.59	54	1
324	Com - Exterior LED fixture | ROB | C_College | Xcel | SPS	5.59	54	1
325	Com - Exterior LED fixture | NEW | C_Other | Xcel | SPS	5.54	54	1
326	Com - Exterior LED fixture | ROB | C_Other | Xcel | SPS	5.54	54	1
327	Com - Anti-Sweat Heater Controls | RET | C_College | Xcel | SPS	5.44	54	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
328	Com - Anti-Sweat Heater Controls | RET | C_Grocery | Xcel | SPS	5.44	54	1
329	Com - Anti-Sweat Heater Controls | RET | C_Health | Xcel | SPS	5.44	54	1
330	Com - Anti-Sweat Heater Controls | RET | C_Lodging | Xcel | SPS	5.44	54	1
331	Com - Anti-Sweat Heater Controls | RET | C_Office | Xcel | SPS	5.44	54	1
332	Com - Anti-Sweat Heater Controls | RET | C_Other | Xcel | SPS	5.44	54	1
333	Com - Anti-Sweat Heater Controls | RET | C_Restaurant | Xcel | SPS	5.44	54	1
334	Com - Anti-Sweat Heater Controls | RET | C_Retail | Xcel | SPS	5.44	54	1
335	Com - Anti-Sweat Heater Controls | RET | C_School | Xcel | SPS	5.44	54	1
336	Com - Anti-Sweat Heater Controls | RET | C_Warehouse | Xcel | SPS	5.44	54	1
337	Ind - VFDs on Industrial Fans and Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	5.39	57	1
338	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_College | Xcel | SPS	5.30	57	1
339	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_College | Xcel | SPS	5.30	57	1
340	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_School | Xcel | SPS	5.23	57	1
341	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_School | Xcel | SPS	5.23	57	1
342	Com - Exterior LED fixture | NEW | C_Grocery | Xcel | SPS	5.12	57	1
343	Com - Exterior LED fixture | ROB | C_Grocery | Xcel | SPS	5.12	57	1
344	Ind - VFDs on Industrial Fans and Pumps | RET | I_Manufacturing | Xcel | SPS	4.93	57	1
345	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Health | Xcel | SPS	4.81	57	1
346	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Health | Xcel | SPS	4.81	57	1
347	Com - Exterior LED fixture | NEW | C_Warehouse | Xcel | SPS	4.77	57	1
348	Com - Exterior LED fixture | ROB | C_Warehouse | Xcel | SPS	4.77	57	1
349	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Lodging | Xcel | SPS	4.64	57	1
350	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Lodging | Xcel | SPS	4.64	57	1
351	Com - Interior LED Lamp - PAR/BR/MR/A | NEW | C_Lodging | Xcel | SPS	4.60	57	1
352	Com - Interior LED Lamp - PAR/BR/MR/A | ROB | C_Lodging | Xcel | SPS	4.60	57	1
353	Com - Room Air Conditioners | NEW | C_Other | Xcel | SPS	4.55	57	1
354	Com - Room Air Conditioners | ROB | C_Other | Xcel | SPS	4.55	57	1
355	Com - Room Air Conditioners | NEW | C_School | Xcel | SPS	4.40	57	1
356	Com - Room Air Conditioners | ROB | C_School | Xcel | SPS	4.40	57	1
357	Com - Packaged Terminal Heat Pumps | RET | C_Retail | Xcel | SPS	4.38	57	1
358	Com - LED Refrigerated Case Lighting | NEW | C_Lodging | Xcel | SPS	4.37	57	1
359	Com - LED Refrigerated Case Lighting | RET | C_Lodging | Xcel | SPS	4.37	57	1
360	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Other | Xcel | SPS	4.31	58	1
361	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Other | Xcel | SPS	4.31	58	1
362	Com - Packaged Terminal Heat Pumps | RET | C_Restaurant | Xcel | SPS	4.30	58	1
363	Com - Packaged Terminal Heat Pumps | RET | C_Lodging | Xcel | SPS	4.28	58	1
364	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_School | Xcel | SPS	4.07	58	1
365	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_School | Xcel | SPS	4.07	58	1
366	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_College | Xcel | SPS	3.93	58	1
367	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_College | Xcel | SPS	3.93	58	1
368	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	3.91	58	1
369	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family | Xcel | SPS	3.91	58	1
370	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	3.91	58	1
371	Res - Low-flow Showerheads - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	3.91	58	1
372	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Office | Xcel | SPS	3.90	58	1
373	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Office | Xcel | SPS	3.90	58	1
374	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Health | Xcel | SPS	3.75	58	1
375	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Health | Xcel | SPS	3.75	58	1
376	Ind - Dew Point Controls | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.74	58	1
377	Ind - Dew Point Controls | RET | I_Agriculture | Xcel | SPS	3.74	58	1
378	Ind - Dew Point Controls | RET | I_Manufacturing | Xcel | SPS	3.74	58	1
379	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Retail | Xcel | SPS	3.74	58	1
380	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Retail | Xcel | SPS	3.74	58	1
381	Com - Interior Network Connected LED Lamps | NEW | C_Office | Xcel | SPS	3.72	58	1
382	Com - Interior Network Connected LED Lamps | ROB | C_Office | Xcel | SPS	3.72	58	1
383	Com - Interior Network Connected LED Lamps | NEW | C_Lodging | Xcel | SPS	3.69	58	1
384	Com - Interior Network Connected LED Lamps | ROB | C_Lodging | Xcel | SPS	3.69	58	1
385	Com - LED Refrigerated Case Lighting | NEW | C_School | Xcel | SPS	3.68	58	1
386	Com - LED Refrigerated Case Lighting | RET | C_School | Xcel | SPS	3.68	58	1
387	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	3.65	58	1
388	Res - Low-flow Showerheads - 100% Applicable | RET | R_Manufactured | Xcel | SPS	3.65	58	1
389	Com - Packaged Terminal Heat Pumps | RET | C_Office | Xcel | SPS	3.64	60	1
390	Com - Interior Network Connected LED Lamps | NEW | C_Other | Xcel | SPS	3.64	60	1
391	Com - Interior Network Connected LED Lamps | ROB | C_Other | Xcel | SPS	3.64	60	1
392	Com - Interior Network Connected LED Lamps | NEW | C_School | Xcel | SPS	3.62	60	1
393	Com - Interior Network Connected LED Lamps | ROB | C_School | Xcel | SPS	3.62	60	1
394	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	3.60	60	1
395	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	3.60	60	1
396	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.60	60	1
397	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	3.60	60	1
398	Res - Linear LEDs - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.60	60	1
399	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Restaurant | Xcel | SPS	3.54	60	1
400	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Restaurant | Xcel | SPS	3.54	60	1
401	Com - Interior Network Connected LED Fixtures | NEW | C_Lodging | Xcel | SPS	3.52	60	1
402	Com - Interior Network Connected LED Fixtures | ROB | C_Lodging | Xcel | SPS	3.52	60	1
403	Com - Packaged Terminal Heat Pumps | RET | C_College | Xcel | SPS	3.51	60	1
404	Com - Interior Network Connected LED Lamps | NEW | C_Retail | Xcel | SPS	3.46	60	1
405	Com - Interior Network Connected LED Lamps | ROB | C_Retail | Xcel | SPS	3.46	60	1
406	Com - Packaged Terminal Heat Pumps | RET | C_Health | Xcel | SPS	3.46	60	1
407	Com - LED Refrigerated Case Lighting | NEW | C_College | Xcel | SPS	3.45	60	1
408	Com - LED Refrigerated Case Lighting | RET | C_College | Xcel | SPS	3.45	60	1
409	Com - Packaged Terminal Air Conditioners | RET | C_Lodging | Xcel | SPS	3.45	60	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
410	Com - Packaged Terminal Air Conditioners | RET | C_Retail | Xcel | SPS	3.44	60	1
411	Com - New Construction - Lighting Power Density | NEW | C_College | Xcel | SPS	3.44	60	1
412	Com - New Construction - Lighting Power Density | NEW | C_Grocery | Xcel | SPS	3.44	60	1
413	Com - New Construction - Lighting Power Density | NEW | C_Health | Xcel | SPS	3.44	60	1
414	Com - New Construction - Lighting Power Density | NEW | C_Lodging | Xcel | SPS	3.44	60	1
415	Com - New Construction - Lighting Power Density | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	3.44	60	1
416	Com - New Construction - Lighting Power Density | NEW | C_Office | Xcel | SPS	3.44	61	1
417	Com - New Construction - Lighting Power Density | NEW | C_Other | Xcel | SPS	3.44	61	1
418	Com - New Construction - Lighting Power Density | NEW | C_Restaurant | Xcel | SPS	3.44	61	1
419	Com - New Construction - Lighting Power Density | NEW | C_Retail | Xcel | SPS	3.44	61	1
420	Com - New Construction - Lighting Power Density | NEW | C_School | Xcel | SPS	3.44	61	1
421	Com - New Construction - Lighting Power Density | NEW | C_Warehouse | Xcel | SPS	3.44	62	1
422	Com - Interior Network Connected LED Lamps | NEW | C_College | Xcel | SPS	3.42	62	1
423	Com - Interior Network Connected LED Lamps | ROB | C_College | Xcel | SPS	3.42	62	1
424	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family | Xcel | SPS	3.39	62	1
425	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family | Xcel | SPS	3.39	62	1
426	Res - Low-flow Showerheads - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	3.39	62	1
427	Res - Low-flow Showerheads - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	3.39	62	1
428	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_College | Xcel | SPS	3.36	62	1
429	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_College | Xcel | SPS	3.36	62	1
430	Com - Direct Evaporative Pre-Cooling | NEW | C_Lodging | Xcel | SPS	3.33	62	1
431	Com - Direct Evaporative Pre-Cooling | ROB | C_Lodging | Xcel | SPS	3.33	62	1
432	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	3.29	62	1
433	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	3.29	62	1
434	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.29	62	1
435	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	3.29	64	1
436	Res - Duct Sealing - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.29	65	1
437	Com - Interior Network Connected LED Fixtures | NEW | C_Other | Xcel | SPS	3.27	65	1
438	Com - Interior Network Connected LED Fixtures | ROB | C_Other | Xcel | SPS	3.27	65	1
439	Com - Packaged Terminal Air Conditioners | RET | C_Restaurant | Xcel | SPS	3.24	65	1
440	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Manul	3.21	65	1
441	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Manuf	3.21	65	1
442	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi I	3.21	65	1
443	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi F	3.21	65	1
444	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Multi I	3.21	65	1
445	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Multi F	3.21	65	1
446	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	3.21	65	1
447	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	3.21	66	1
448	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | NEW | R_Single	3.21	66	1
449	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | ROB | R_Single	3.21	66	1
450	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Office | Xcel | SPS	3.20	66	1
451	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Office | Xcel | SPS	3.20	66	1
452	Com - Packaged Terminal Heat Pumps | RET | C_Warehouse | Xcel | SPS	3.17	66	1
453	Com - LED Refrigerated Case Lighting | NEW | C_Office | Xcel | SPS	3.16	67	1
454	Com - LED Refrigerated Case Lighting | RET | C_Office | Xcel | SPS	3.16	67	1
455	Com - LED Refrigerated Case Lighting | NEW | C_Other | Xcel | SPS	3.16	67	1
456	Com - LED Refrigerated Case Lighting | RET | C_Other | Xcel | SPS	3.16	67	1
457	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Lodging | Xcel | SPS	3.16	67	1
458	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Lodging | Xcel | SPS	3.16	67	1
459	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Grocery | Xcel | SPS	3.10	67	1
460	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Grocery | Xcel | SPS	3.10	67	1
461	Com - Direct Evaporative Pre-Cooling | NEW | C_Health | Xcel | SPS	3.10	67	1
462	Com - Direct Evaporative Pre-Cooling | ROB | C_Health | Xcel | SPS	3.10	67	1
463	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Grocery | Xcel | SPS	3.10	67	1
464	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Grocery | Xcel | SPS	3.10	67	1
465	Com - Interior Network Connected LED Fixtures | NEW | C_School | Xcel | SPS	3.08	67	1
466	Com - Interior Network Connected LED Fixtures | ROB | C_School | Xcel | SPS	3.08	67	1
467	Com - Interior Network Connected LED Lamps | NEW | C_Restaurant | Xcel | SPS	3.07	67	1
468	Com - Interior Network Connected LED Lamps | ROB | C_Restaurant | Xcel | SPS	3.07	67	1
469	Com - Water Source Heat Pump | NEW | C_Lodging | Xcel | SPS	3.05	67	1
470	Com - Water Source Heat Pump | ROB | C_Lodging | Xcel | SPS	3.05	67	1
471	Com - Packaged Terminal Air Conditioners | RET | C_College | Xcel | SPS	3.04	67	1
472	Com - Water Source Heat Pump | NEW | C_Retail | Xcel | SPS	3.04	67	1
473	Com - Water Source Heat Pump | ROB | C_Retail | Xcel | SPS	3.04	67	1
474	Com - Packaged Terminal Air Conditioners | RET | C_Office | Xcel | SPS	3.03	67	1
475	Com - Packaged Terminal Heat Pumps | RET | C_Grocery | Xcel | SPS	3.02	67	1
476	Com - Packaged Terminal Air Conditioners | RET | C_Health | Xcel | SPS	3.00	67	1
477	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	3.00	67	1
478	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	3.00	67	1
479	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	3.00	67	1
480	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	3.00	67	1
481	Res - Linear LEDs - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	3.00	67	1
482	Ind - LED Lighting for Industrial Applications | NEW | I_Agriculture | Xcel | SPS	2.99	67	1
483	Ind - LED Lighting for Industrial Applications | ROB | I_Agriculture | Xcel | SPS	2.99	67	1
484	Ind - LED Lighting for Industrial Applications | NEW | I_Manufacturing | Xcel | SPS	2.99	67	1
485	Ind - LED Lighting for Industrial Applications | ROB | I_Manufacturing | Xcel | SPS	2.99	67	1
486	Com - Low-flow Faucet Aerator | NEW | C_Lodging | Xcel | SPS	2.98	67	1
487	Com - Low-flow Faucet Aerator | RET | C_Lodging | Xcel | SPS	2.98	67	1
488	Com - Low-flow Faucet Aerator | NEW | C_Restaurant | Xcel | SPS	2.98	67	1
489	Com - Low-flow Faucet Aerator | RET | C_Restaurant | Xcel | SPS	2.98	67	1
490	Com - Interior Network Connected LED Fixtures | NEW | C_College | Xcel | SPS	2.98	67	1
491	Com - Interior Network Connected LED Fixtures | ROB | C_College | Xcel | SPS	2.98	67	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
492	Com - Interior Network Connected LED Fixtures | NEW | C_Office | Xcel | SPS	2.95	67	1
493	Com - Interior Network Connected LED Fixtures | ROB | C_Office | Xcel | SPS	2.95	67	1
494	Com - Interior LED Fixture - High/Medium/Low Bay | NEW | C_Warehouse | Xcel | SPS	2.90	67	1
495	Com - Interior LED Fixture - High/Medium/Low Bay | ROB | C_Warehouse | Xcel | SPS	2.90	67	1
496	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family | Xcel | SPS	2.89	67	1
497	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family | Xcel | SPS	2.89	67	1
498	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	2.89	67	1
499	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	2.89	67	1
500	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	2.89	67	1
501	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	2.89	67	1
502	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	2.89	67	1
503	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	2.89	67	1
504	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	2.89	67	1
505	Res - High Efficiency AC/HP Equipment <17 SEER - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	2.89	67	1
506	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_School | Xcel | SPS	2.89	67	1
507	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_School | Xcel | SPS	2.89	67	1
508	Com - Direct Evaporative Pre-Cooling | NEW | C_Office | Xcel | SPS	2.89	68	1
509	Com - Direct Evaporative Pre-Cooling | ROB | C_Office | Xcel | SPS	2.89	68	1
510	Com - Water Source Heat Pump | NEW | C_Restaurant | Xcel | SPS	2.86	68	1
511	Com - Water Source Heat Pump | ROB | C_Restaurant | Xcel | SPS	2.86	68	1
512	Com - Direct Evaporative Pre-Cooling | NEW | C_Restaurant | Xcel | SPS	2.86	68	1
513	Com - Direct Evaporative Pre-Cooling | ROB | C_Restaurant | Xcel | SPS	2.86	68	1
514	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	2.85	68	1
515	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.85	68	1
516	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	2.85	68	1
517	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	2.85	68	1
518	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.85	68	1
519	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	2.85	68	1
520	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	2.85	68	1
521	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	2.85	68	1
522	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	2.85	68	1
523	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	2.85	68	1
524	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.85	68	1
525	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	2.85	68	1
526	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	2.85	68	1
527	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.85	69	1
528	Res - Ductless Mini Split Heat Pumps - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	2.85	69	1
529	Com - Interior Network Connected LED Fixtures | NEW | C_Health | Xcel | SPS	2.84	69	1
530	Com - Interior Network Connected LED Fixtures | ROB | C_Health | Xcel | SPS	2.84	69	1
531	Com - Interior Network Connected LED Fixtures | NEW | C_Retail | Xcel | SPS	2.83	69	1
532	Com - Interior Network Connected LED Fixtures | ROB | C_Retail | Xcel | SPS	2.83	69	1
533	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Manufa	2.82	69	1
534	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi F	2.82	69	1
535	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Multi F	2.82	69	1
536	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single	2.82	70	1
537	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - GH + EC | RET | R_Single	2.82	70	1
538	Com - Interior Network Connected LED Lamps | NEW | C_Health | Xcel | SPS	2.81	70	1
539	Com - Interior Network Connected LED Lamps | ROB | C_Health | Xcel | SPS	2.81	70	1
540	Com - Packaged Terminal Air Conditioners | RET | C_Warehouse | Xcel | SPS	2.75	70	1
541	Com - Direct Evaporative Pre-Cooling | NEW | C_Grocery | Xcel | SPS	2.75	70	1
542	Com - Direct Evaporative Pre-Cooling | ROB | C_Grocery | Xcel | SPS	2.75	70	1
543	Ind - No Air Loss Drain | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	2.70	70	1
544	Ind - No Air Loss Drain | RET | I_Manufacturing | Xcel | SPS	2.70	70	1
545	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Lodging | Xcel | SPS	2.69	70	1
546	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Lodging | Xcel | SPS	2.69	70	1
547	Com - Water Source Heat Pump | NEW | C_College | Xcel | SPS	2.69	70	1
548	Com - Water Source Heat Pump | ROB | C_College | Xcel | SPS	2.69	70	1
549	Com - Direct Evaporative Pre-Cooling | NEW | C_Other | Xcel | SPS	2.69	70	1
550	Com - Direct Evaporative Pre-Cooling | ROB | C_Other | Xcel | SPS	2.69	70	1
551	Com - Water Source Heat Pump | NEW | C_Office | Xcel | SPS	2.68	70	1
552	Com - Water Source Heat Pump | ROB | C_Office | Xcel | SPS	2.68	70	1
553	Com - Interior Network Connected LED Fixtures | NEW | C_Restaurant | Xcel | SPS	2.68	70	1
554	Com - Interior Network Connected LED Fixtures | ROB | C_Restaurant | Xcel | SPS	2.68	70	1
555	Com - Guest Room Energy Management | RET | C_Lodging | Xcel | SPS	2.68	71	1
556	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Manuf	2.67	71	1
557	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Manufa	2.67	71	1
558	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	2.67	71	1
559	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi F	2.67	71	1
560	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Multi F	2.67	71	1
561	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Multi F	2.67	71	1
562	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	2.67	71	1
563	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single	2.67	71	1
564	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | NEW | R_Single	2.67	71	1
565	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | ROB | R_Single	2.67	71	1
566	Com - Direct Evaporative Pre-Cooling | NEW | C_Retail | Xcel | SPS	2.67	71	1
567	Com - Direct Evaporative Pre-Cooling | ROB | C_Retail | Xcel | SPS	2.67	71	1
568	Com - Packaged Terminal Heat Pumps | RET | C_School | Xcel | SPS	2.66	71	1
569	Com - Water Source Heat Pump | NEW | C_Health | Xcel | SPS	2.65	71	1
570	Com - Water Source Heat Pump | ROB | C_Health | Xcel | SPS	2.65	71	1
571	Com - Packaged Terminal Air Conditioners | RET | C_Grocery | Xcel | SPS	2.62	71	1
572	Com - Packaged Terminal Heat Pumps | RET | C_Other | Xcel | SPS	2.61	71	1
573	Com - Interior Network Connected LED Lamps | NEW | C_Warehouse | Xcel | SPS	2.51	71	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
574	Com - Interior Network Connected LED Lamps | ROB | C_Warehouse | Xcel | SPS	2.51	71	1
575	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Other | Xcel | SPS	2.50	71	1
576	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Other | Xcel | SPS	2.50	71	1
577	Com - Direct Evaporative Pre-Cooling | NEW | C_College | Xcel | SPS	2.45	71	1
578	Com - Direct Evaporative Pre-Cooling | ROB | C_College | Xcel | SPS	2.45	71	1
579	Com - Water Source Heat Pump | NEW | C_Warehouse | Xcel | SPS	2.43	71	1
580	Com - Water Source Heat Pump | ROB | C_Warehouse | Xcel | SPS	2.43	71	1
581	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Lodging | Xcel | SPS	2.41	71	1
582	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Lodging | Xcel | SPS	2.41	71	1
583	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.36	71	1
584	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.36	71	1
585	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.36	71	1
586	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.36	72	1
587	Res - Infiltration Reduction - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.36	72	1
588	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_School | Xcel | SPS	2.36	72	1
589	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_School | Xcel | SPS	2.36	72	1
590	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Retail | Xcel | SPS	2.36	72	1
591	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Retail | Xcel | SPS	2.36	72	1
592	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	2.36	72	1
593	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	2.36	72	1
594	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	2.36	72	1
595	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	2.36	72	1
596	Res - Linear LEDs - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	2.36	72	1
597	Com - Interior Network Connected LED Fixtures | NEW | C_Grocery | Xcel | SPS	2.35	72	1
598	Com - Interior Network Connected LED Fixtures | ROB | C_Grocery | Xcel | SPS	2.35	72	1
599	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Manufa	2.35	73	1
600	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	2.35	73	1
601	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Multi Fa	2.35	73	1
602	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single	2.35	73	1
603	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + EC | RET | R_Single	2.35	74	1
604	Com - LED Refrigerated Case Lighting | NEW | C_Retail | Xcel | SPS	2.34	74	1
605	Com - LED Refrigerated Case Lighting | RET | C_Retail | Xcel | SPS	2.34	74	1
606	Com - Water Source Heat Pump | NEW | C_Grocery | Xcel | SPS	2.32	74	1
607	Com - Water Source Heat Pump | ROB | C_Grocery | Xcel | SPS	2.32	74	1
608	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	2.30	74	1
609	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	2.30	74	1
610	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.30	74	1
611	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	2.30	74	1
612	Res - Wall Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.30	74	1
613	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_College | Xcel | SPS	2.27	74	1
614	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_College | Xcel | SPS	2.27	74	1
615	Com - Interior Network Connected LED Lamps | NEW | C_Grocery | Xcel | SPS	2.27	74	1
616	Com - Interior Network Connected LED Lamps | ROB | C_Grocery | Xcel | SPS	2.27	74	1
617	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Office | Xcel | SPS	2.25	74	1
618	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Office | Xcel | SPS	2.25	75	1
619	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Other | Xcel | SPS	2.23	75	1
620	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Other | Xcel | SPS	2.23	75	1
621	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family | Xcel | SPS	2.21	75	1
622	Res - Occupancy Sensors (for MF common areas) - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	2.21	75	1
623	Com - Interior Network Connected LED Fixtures | NEW | C_Warehouse | Xcel | SPS	2.20	75	1
624	Com - Interior Network Connected LED Fixtures | ROB | C_Warehouse | Xcel | SPS	2.20	75	1
625	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Health | Xcel | SPS	2.16	75	1
626	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Health | Xcel | SPS	2.16	75	1
627	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Retail | Xcel | SPS	2.16	75	1
628	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Retail | Xcel | SPS	2.16	75	1
629	Com - Packaged Terminal Air Conditioners | RET | C_Other | Xcel | SPS	2.14	75	1
630	Com - High Efficiency Central Heat Pump System | NEW | C_Retail | Xcel | SPS	2.12	75	1
631	Com - High Efficiency Central Heat Pump System | ROB | C_Retail | Xcel | SPS	2.12	75	1
632	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_School | Xcel | SPS	2.11	75	1
633	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_School | Xcel | SPS	2.11	75	1
634	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Manul	2.10	75	1
635	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Manufa	2.10	75	1
636	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	2.10	75	1
637	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi F	2.10	75	1
638	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Multi F	2.10	75	1
639	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Multi F	2.10	75	1
640	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	2.10	75	1
641	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single	2.10	75	1
642	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | NEW | R_Single	2.10	75	1
643	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | ROB | R_Single	2.10	75	1
644	Com - High Efficiency Central Heat Pump System | NEW | C_Lodging | Xcel | SPS	2.08	75	1
645	Com - High Efficiency Central Heat Pump System | ROB | C_Lodging | Xcel | SPS	2.08	76	1
646	Com - High Efficiency Central Heat Pump System | NEW | C_Restaurant | Xcel | SPS	2.08	76	1
647	Com - High Efficiency Central Heat Pump System | ROB | C_Restaurant | Xcel | SPS	2.08	76	1
648	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	2.06	76	1
649	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	2.06	76	1
650	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	2.06	76	1
651	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	2.06	76	1
652	Res - Ceiling Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	2.06	76	1
653	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Restaurant | Xcel | SPS	2.04	76	1
654	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Restaurant | Xcel | SPS	2.04	76	1
655	Com - Ductless Mini-Split Heat Pumps | ROB | C_Restaurant | Xcel | SPS	2.04	76	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
656	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_College | Xcel | SPS	2.03	76	1
657	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_College | Xcel | SPS	2.03	76	1
658	Com - Exterior Lighting Controls | RET | C_Health | Xcel | SPS	2.03	76	1
659	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Health | Xcel | SPS	2.03	76	1
660	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Office | Xcel | SPS	2.01	76	1
661	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Office | Xcel | SPS	2.01	76	1
662	Com - Exterior Lighting Controls | RET | C_Restaurant | Xcel | SPS	1.99	76	1
663	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Restaurant | Xcel | SPS	1.99	76	1
664	Com - Ductless Mini-Split Heat Pumps | ROB | C_Retail | Xcel | SPS	1.96	76	1
665	Com - Packaged Terminal Air Conditioners | RET | C_School | Xcel | SPS	1.94	76	1
666	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Health | Xcel | SPS	1.93	76	1
667	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Health | Xcel | SPS	1.93	76	1
668	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Retail | Xcel | SPS	1.93	76	1
669	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Retail | Xcel | SPS	1.93	76	1
670	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	1.91	76	1
671	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	1.91	76	1
672	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	1.91	76	1
673	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	1.91	76	1
674	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	1.91	76	1
675	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	1.91	76	1
676	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.91	76	1
677	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.91	76	1
678	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.91	76	1
679	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	1.91	76	1
680	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	1.91	76	1
681	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	1.91	76	1
682	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.91	76	1
683	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.91	76	1
684	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.91	76	1
685	Com - Ductless Mini-Split Heat Pumps | ROB | C_Lodging | Xcel | SPS	1.90	76	1
686	Com - Water Source Heat Pump | NEW | C_Other | Xcel | SPS	1.89	76	1
687	Com - Water Source Heat Pump | ROB | C_Other | Xcel | SPS	1.89	76	1
688	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.89	76	1
689	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.89	76	1
690	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.89	76	1
691	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.89	76	1
692	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.89	76	1
693	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.89	76	1
694	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.89	76	1
695	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.89	76	1
696	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.89	76	1
697	Res - Indirect -Direct Evaporative Cooler - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.89	76	1
698	Com - Room Air Conditioners | RET | C_Retail | Xcel | SPS	1.88	76	1
699	Com - LED Refrigerated Case Lighting | NEW | C_Health | Xcel | SPS	1.88	76	1
700	Com - LED Refrigerated Case Lighting | RET | C_Health | Xcel | SPS	1.88	76	1
701	Ind - Air Compressor Optimization | RET | I_Manufacturing | Xcel | SPS	1.86	76	1
702	Com - Room Air Conditioners | RET | C_Lodging | Xcel | SPS	1.85	77	1
703	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Manufa	1.84	77	1
704	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi F.	1.84	77	1
705	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Multi F.	1.84	77	1
706	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single	1.84	77	1
707	Res - LED Lamps (General Service Lamps including A Lamps, Specialty Lamps) - Space Heating - EH + NC | RET | R_Single	1.84	77	1
708	Com - LED Refrigerated Case Lighting | NEW | C_Warehouse | Xcel | SPS	1.84	77	1
709	Com - LED Refrigerated Case Lighting | RET | C_Warehouse | Xcel | SPS	1.84	77	1
710	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Restaurant | Xcel | SF	1.82	77	1
711	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Restaurant | Xcel | SF	1.82	77	1
712	Com - LED Refrigerated Case Lighting | NEW | C_Restaurant | Xcel | SPS	1.81	77	1
713	Com - LED Refrigerated Case Lighting | RET | C_Restaurant | Xcel | SPS	1.81	77	1
714	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Grocery | Xcel | SPS	1.79	77	1
715	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Grocery | Xcel | SPS	1.79	77	1
716	Com - LED Refrigerated Case Lighting | NEW | C_Grocery | Xcel | SPS	1.79	77	1
717	Com - LED Refrigerated Case Lighting | RET | C_Grocery | Xcel | SPS	1.79	77	1
718	Com - Room Air Conditioners | RET | C_Restaurant | Xcel | SPS	1.78	77	1
719	Com - Exterior Lighting Controls | RET | C_Grocery | Xcel | SPS	1.76	77	1
720	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Grocery | Xcel | SPS	1.76	77	1
721	Com - High Efficiency Central Heat Pump System | NEW | C_Office | Xcel | SPS	1.76	78	1
722	Com - High Efficiency Central Heat Pump System | ROB | C_Office | Xcel | SPS	1.76	80	1
723	Com - Direct Evaporative Pre-Cooling | NEW | C_School | Xcel | SPS	1.76	80	1
724	Com - Direct Evaporative Pre-Cooling | ROB | C_School | Xcel | SPS	1.76	80	1
725	Com - Water Source Heat Pump | NEW | C_School | Xcel | SPS	1.72	80	1
726	Com - Water Source Heat Pump | ROB | C_School | Xcel | SPS	1.72	80	1
727	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.71	80	1
728	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.71	80	1
729	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.71	80	1
730	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.71	80	1
731	Res - Wall Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.71	80	1
732	Com - High Efficiency Central Heat Pump System | NEW | C_College | Xcel | SPS	1.70	80	1
733	Com - High Efficiency Central Heat Pump System | ROB | C_College | Xcel | SPS	1.70	80	1
734	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.69	80	1
735	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.69	80	1
736	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.69	80	1
737	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.69	80	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
738	Res - Infiltration Reduction - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.69	80	1
739	Com - High Efficiency Central Heat Pump System | NEW | C_Health | Xcel | SPS	1.68	80	1
740	Com - High Efficiency Central Heat Pump System | ROB | C_Health | Xcel | SPS	1.68	80	1
741	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | NEW | C_Warehouse | Xcel | SPS	1.68	80	1
742	Com - Interior LED Linear Fixture/Retrofit Kit (includes Troffers) | ROB | C_Warehouse | Xcel | SPS	1.68	80	1
743	Com - Room Air Conditioners | RET | C_College | Xcel | SPS	1.66	80	1
744	Com - Room Air Conditioners | RET | C_Office | Xcel | SPS	1.66	81	1
745	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.66	81	1
746	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.66	81	1
747	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.66	81	1
748	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.66	81	1
749	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | X	1.66	81	1
750	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | X	1.66	81	1
751	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.66	81	1
752	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.66	81	1
753	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | NEW | R_Single Family Low Income	1.66	81	1
754	Res - Central heat pumps for space heating (replace of AC) - Space Heating - EH + EC | ROB | R_Single Family Low Income |	1.66	81	1
755	Com - Room Air Conditioners | RET | C_Health | Xcel | SPS	1.64	81	1
756	Com - Direct Evaporative Pre-Cooling | NEW | C_Warehouse | Xcel | SPS	1.64	81	1
757	Com - Direct Evaporative Pre-Cooling | ROB | C_Warehouse | Xcel | SPS	1.64	81	1
758	Com - Exterior Lighting Controls | RET | C_Retail | Xcel | SPS	1.62	81	1
759	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Retail | Xcel | SPS	1.62	82	1
760	Com - Exterior Lighting Controls | RET | C_Warehouse | Xcel | SPS	1.61	82	1
761	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Warehouse | Xcel | SPS	1.61	82	1
762	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.60	82	1
763	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.60	82	1
764	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.60	82	1
765	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.60	82	1
766	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.60	82	1
767	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.60	82	1
768	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.60	82	1
769	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.60	82	1
770	Res - Low-flow Faucet Aerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.60	82	1
771	Res - Low-flow Faucet Aerator - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.60	82	1
772	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Grocery | Xcel | SPS	1.60	82	1
773	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Grocery | Xcel | SPS	1.60	82	1
774	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.59	82	1
775	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	1.59	82	1
776	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.59	82	1
777	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.59	82	1
778	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	1.59	82	1
779	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.59	82	1
780	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	1.59	82	1
781	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	1.59	82	1
782	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	1.59	82	1
783	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.59	82	1
784	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	1.59	82	1
785	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.59	82	1
786	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	1.59	82	1
787	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	1.59	82	1
788	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	1.59	82	1
789	Com - High Efficiency Central Heat Pump System | NEW | C_Warehouse | Xcel | SPS	1.55	82	1
790	Com - High Efficiency Central Heat Pump System | ROB | C_Warehouse | Xcel | SPS	1.55	82	1
791	Com - Chillers (air cooled, centrifugal, scoll/screw) | NEW | C_Other | Xcel | SPS	1.54	82	1
792	Com - Chillers (air cooled, centrifugal, scoll/screw) | ROB | C_Other | Xcel | SPS	1.54	82	1
793	Com - High Efficiency Packaged Air Conditioning | NEW | C_Lodging | Xcel | SPS	1.53	82	1
794	Com - High Efficiency Packaged Air Conditioning | ROB | C_Lodging | Xcel | SPS	1.53	82	1
795	Com - High Efficiency Packaged Air Conditioning | NEW | C_Retail | Xcel | SPS	1.52	82	1
796	Com - High Efficiency Packaged Air Conditioning | ROB | C_Retail | Xcel | SPS	1.52	82	1
797	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | NEW | C_Warehouse | Xcel | S	1.50	82	1
798	Com - Interior LED Fixture - Other (includes all other LED fixtures in commercial applications) | ROB | C_Warehouse | Xcel | Sf	1.50	82	1
799	Ind - Air Compressor Optimization | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.49	83	1
800	Ind - Air Compressor Optimization | RET | I_Agriculture | Xcel | SPS	1.49	83	1
801	Com - High Efficiency Central Heat Pump System | NEW | C_Grocery | Xcel | SPS	1.46	83	1
802	Com - High Efficiency Central Heat Pump System | ROB | C_Grocery | Xcel | SPS	1.46	83	1
803	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.46	83	1
804	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	1.46	83	1
805	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.46	83	1
806	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	1.46	83	1
807	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.46	83	1
808	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	1.46	83	1
809	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.46	83	1
810	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	1.46	83	1
811	Res - High Efficiency Air Conditioner - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.46	83	1
812	Res - High Efficiency Air Conditioner - 100% Applicable | ROB | R_Single Family | Xcel | SPS	1.46	83	1
813	Com - Ductless Mini-Split Heat Pumps | ROB | C_Office | Xcel | SPS	1.46	83	1
814	Com - Room Air Conditioners | RET | C_Warehouse | Xcel | SPS	1.45	83	1
815	Com - Room Air Conditioners | RET | C_Grocery | Xcel | SPS	1.44	83	1
816	Com - High Efficiency Packaged Air Conditioning | NEW | C_Restaurant | Xcel | SPS	1.44	83	1
817	Com - High Efficiency Packaged Air Conditioning | ROB | C_Restaurant | Xcel | SPS	1.44	83	1
818	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	1.41	83	1
819	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	1.41	83	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
820	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	1.41	83	1
821	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	1.41	83	1
822	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SP	1.41	83	1
823	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SP	1.41	83	1
824	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	1.41	83	1
825	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	1.41	83	1
826	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | S	1.41	83	1
827	Res - High Efficiency AC/HP Equipment <17 SEER - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | Sl	1.41	83	1
828	Com - Exterior Lighting Controls | RET | C_Other | Xcel | SPS	1.38	83	1
829	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Other | Xcel | SPS	1.38	83	1
830	Com - High Efficiency Packaged Air Conditioning | NEW | C_College | Xcel | SPS	1.35	83	1
831	Com - High Efficiency Packaged Air Conditioning | ROB | C_College | Xcel | SPS	1.35	83	1
832	Com - High Efficiency Packaged Air Conditioning | NEW | C_Office | Xcel | SPS	1.34	84	1
833	Com - High Efficiency Packaged Air Conditioning | ROB | C_Office | Xcel | SPS	1.34	84	1
834	Com - High Efficiency Packaged Air Conditioning | NEW | C_Health | Xcel | SPS	1.33	84	1
835	Com - High Efficiency Packaged Air Conditioning | ROB | C_Health | Xcel | SPS	1.33	84	1
836	Com - RTU with Demand Control | RET | C_College | Xcel | SPS	1.32	84	1
837	Com - RTU with Demand Control | RET | C_Grocery | Xcel | SPS	1.32	84	1
838	Com - RTU with Demand Control | RET | C_Health | Xcel | SPS	1.32	84	1
839	Com - RTU with Demand Control | RET | C_Lodging | Xcel | SPS	1.32	84	1
840	Com - RTU with Demand Control | RET | C_Office | Xcel | SPS	1.32	85	1
841	Com - RTU with Demand Control | RET | C_Other | Xcel | SPS	1.32	85	1
842	Com - RTU with Demand Control | RET | C_Restaurant | Xcel | SPS	1.32	85	1
843	Com - RTU with Demand Control | RET | C_Retail | Xcel | SPS	1.32	85	1
844	Com - RTU with Demand Control | RET | C_School | Xcel | SPS	1.32	85	1
845	Com - RTU with Demand Control | RET | C_Warehouse | Xcel | SPS	1.32	85	1
846	Com - Ductless Mini-Split Heat Pumps | ROB | C_College | Xcel | SPS	1.31	85	1
847	Com - Ductless Mini-Split Heat Pumps | ROB | C_Health | Xcel | SPS	1.28	85	1
848	Com - High Efficiency Central Heat Pump System | NEW | C_School | Xcel | SPS	1.28	85	1
849	Com - High Efficiency Central Heat Pump System | ROB | C_School | Xcel | SPS	1.28	85	1
850	Com - High Efficiency Central Heat Pump System | NEW | C_Other | Xcel | SPS	1.27	85	1
851	Com - High Efficiency Central Heat Pump System | ROB | C_Other | Xcel | SPS	1.27	85	1
852	Com - Exterior Lighting Controls | RET | C_Office | Xcel | SPS	1.27	85	1
853	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Office | Xcel | SPS	1.27	85	1
854	Com - Ductless Mini-Split Heat Pumps | ROB | C_Warehouse | Xcel | SPS	1.26	85	1
855	Com - Ductless Mini-Split Heat Pumps | ROB | C_School | Xcel | SPS	1.26	85	1
856	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	1.25	85	1
857	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	1.25	85	1
858	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	1.25	85	1
859	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	1.25	85	1
860	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	1.25	85	1
861	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	1.25	85	1
862	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	1.25	85	1
863	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	1.25	85	1
864	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	1.25	85	1
865	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	1.25	85	1
866	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	1.25	85	1
867	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	1.25	85	1
868	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	1.25	85	1
869	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	1.25	85	1
870	Res - LED Indoor Fixture (Pin Based Lamps) - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	1.25	85	1
871	Com - High Efficiency Packaged Air Conditioning | NEW | C_Warehouse | Xcel | SPS	1.21	85	1
872	Com - High Efficiency Packaged Air Conditioning | ROB | C_Warehouse | Xcel | SPS	1.21	85	1
873	Com - Exterior Lighting Controls | RET | C_College | Xcel | SPS	1.18	85	1
874	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_College | Xcel | SPS	1.18	85	1
875	Res - Whole House Fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	1.18	85	1
876	Res - Whole House Fans - 100% Applicable | RET | R_Manufactured | Xcel | SPS	1.18	85	1
877	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	1.18	85	1
878	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family | Xcel | SPS	1.18	85	1
879	Res - Whole House Fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	1.18	85	1
880	Res - Whole House Fans - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	1.18	85	1
881	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	1.18	85	1
882	Res - Whole House Fans - 100% Applicable | RET | R_Single Family | Xcel | SPS	1.18	85	1
883	Res - Whole House Fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	1.18	85	1
884	Res - Whole House Fans - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	1.18	85	1
885	Com - High Efficiency Packaged Air Conditioning | NEW | C_Grocery | Xcel | SPS	1.16	85	1
886	Com - High Efficiency Packaged Air Conditioning | ROB | C_Grocery | Xcel | SPS	1.16	85	1
887	Com - Ductless Mini-Split Heat Pumps | ROB | C_Other | Xcel | SPS	1.15	85	1
888	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_College | Xcel | SPS	1.14	85	1
889	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_College | Xcel | SPS	1.14	85	1
890	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Grocery | Xcel | SPS	1.14	85	1
891	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Grocery | Xcel | SPS	1.14	85	1
892	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Health | Xcel | SPS	1.14	85	1
893	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Health | Xcel | SPS	1.14	85	1
894	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Lodging | Xcel | SPS	1.14	85	1
895	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Lodging | Xcel | SPS	1.14	85	1
896	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_Restaurant | Xcel | SPS	1.14	85	1
897	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_Restaurant | Xcel | SPS	1.14	85	1
898	Com - Demand Controlled Ventilation - Commercial Kitchens | NEW | C_School | Xcel | SPS	1.14	85	1
899	Com - Demand Controlled Ventilation - Commercial Kitchens | RET | C_School | Xcel | SPS	1.14	85	1
900	Com - Room Air Conditioners | RET | C_Other | Xcel | SPS	1.14	85	1
901	Com - Exterior Lighting Controls | RET | C_School | Xcel | SPS	1.13	85	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
902	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_School | Xcel | SPS	1.13	85	1
903	Com - Exterior Lighting Controls | RET | C_Lodging | Xcel | SPS	1.13	85	1
904	Com - Interior Lighting Controls: occupancy/daylight sensors | RET | C_Lodging | Xcel | SPS	1.13	85	1
905	Ind - Mist Eliminators | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.12	85	1
906	Ind - Mist Eliminators | RET | I_Agriculture | Xcel | SPS	1.12	85	1
907	Ind - Mist Eliminators | RET | I_Manufacturing | Xcel | SPS	1.12	85	1
908	Com - Ductless Mini-Split Heat Pumps | ROB | C_Grocery | Xcel | SPS	1.10	85	1
909	Com - Room Air Conditioners | RET | C_School | Xcel | SPS	1.10	85	1
910	Com - Zero-Energy Doors | RET | C_College | Xcel | SPS	1.05	85	1
911	Com - Zero-Energy Doors | ROB | C_College | Xcel | SPS	1.05	85	1
912	Com - Zero-Energy Doors | RET | C_Grocery | Xcel | SPS	1.05	85	1
913	Com - Zero-Energy Doors | ROB | C_Grocery | Xcel | SPS	1.05	85	1
914	Com - Zero-Energy Doors | RET | C_Health | Xcel | SPS	1.05	85	1
915	Com - Zero-Energy Doors | ROB | C_Health | Xcel | SPS	1.05	85	1
916	Com - Zero-Energy Doors | RET | C_Lodging | Xcel | SPS	1.05	85	1
917	Com - Zero-Energy Doors | ROB | C_Lodging | Xcel | SPS	1.05	85	1
918	Com - Zero-Energy Doors | RET | C_Office | Xcel | SPS	1.05	85	1
919	Com - Zero-Energy Doors | ROB | C_Office | Xcel | SPS	1.05	85	1
920	Com - Zero-Energy Doors | RET | C_Other | Xcel | SPS	1.05	85	1
921	Com - Zero-Energy Doors | ROB | C_Other | Xcel | SPS	1.05	85	1
922	Com - Zero-Energy Doors | RET | C_Restaurant | Xcel | SPS	1.05	86	1
923	Com - Zero-Energy Doors | ROB | C_Restaurant | Xcel | SPS	1.05	86	1
924	Com - Zero-Energy Doors | RET | C_Retail | Xcel | SPS	1.05	86	1
925	Com - Zero-Energy Doors | ROB | C_Retail | Xcel | SPS	1.05	86	1
926	Com - Zero-Energy Doors | RET | C_School | Xcel | SPS	1.05	86	1
927	Com - Zero-Energy Doors | ROB | C_School | Xcel | SPS	1.05	86	1
928	Com - Zero-Energy Doors | RET | C_Warehouse | Xcel | SPS	1.05	86	1
929	Com - Zero-Energy Doors | ROB | C_Warehouse | Xcel | SPS	1.05	86	1
930	Ind - Air compressor VFD | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	1.00	86	1
931	Ind - Air compressor VFD | RET | I_Agriculture | Xcel | SPS	1.00	86	1
932	Ind - Air compressor VFD | RET | I_Manufacturing | Xcel | SPS	1.00	86	1
933	Com - High Efficiency Packaged Air Conditioning | NEW | C_Other | Xcel | SPS	0.95	86	1
934	Com - High Efficiency Packaged Air Conditioning | ROB | C_Other | Xcel | SPS	0.95	86	1
935	Com - DX RTU Unit of varying sizes | NEW | C_Lodging | Xcel | SPS	0.94	86	1
936	Com - DX RTU Unit of varying sizes | ROB | C_Lodging | Xcel | SPS	0.94	86	1
937	Com - DX RTU Unit of varying sizes | NEW | C_Retail | Xcel | SPS	0.94	86	1
938	Com - DX RTU Unit of varying sizes | ROB | C_Retail | Xcel | SPS	0.94	86	1
939	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	86	1
940	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	86	1
941	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	86	1
942	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	86	1
943	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
944	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
945	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.93	86	1
946	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.93	86	1
947	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.93	86	1
948	Res - High Efficiency VRF Heat Pump equipment - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.93	86	1
949	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	86	1
950	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.93	86	1
951	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.93	86	1
952	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.93	86	1
953	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.93	86	1
954	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.93	86	1
955	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	86	1
956	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.93	86	1
957	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.93	86	1
958	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	86	1
959	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.93	86	1
960	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.93	86	1
961	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.93	86	1
962	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.93	86	1
963	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.93	86	1
964	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	86	1
965	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.93	86	1
966	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.93	86	1
967	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
968	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
969	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
970	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
971	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
972	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
973	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
974	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
975	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.93	86	1
976	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.93	86	1
977	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.93	86	1
978	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.93	86	1
979	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.93	86	1
980	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.93	86	1
981	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.93	86	1
982	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.93	86	1
983	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.93	86	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
984	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.93	86	1
985	Res - LED Outdoor Fixture - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	86	1
986	Res - LED Outdoor Fixture - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	86	1
987	Res - LED Outdoor Fixture - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.93	86	1
988	Res - LED Outdoor Fixture - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.93	86	1
989	Res - LED Outdoor Fixture - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.93	86	1
990	Res - LED Outdoor Fixture - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.93	86	1
991	Res - LED Outdoor Fixture - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	86	1
992	Res - LED Outdoor Fixture - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	86	1
993	Res - LED Outdoor Fixture - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SPS	0.93	86	1
994	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.90	86	1
995	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.90	86	1
996	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.90	86	1
997	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.90	86	1
998	Com - DX RTU Unit of varying sizes | NEW | C_Restaurant | Xcel | SPS	0.89	86	1
999	Com - DX RTU Unit of varying sizes | ROB | C_Restaurant | Xcel | SPS	0.89	86	1
1000	Com - High Efficiency Packaged Air Conditioning | NEW | C_School | Xcel | SPS	0.86	86	1
1001	Com - High Efficiency Packaged Air Conditioning | ROB | C_School | Xcel | SPS	0.86	86	1
1002	Com - DX RTU Unit of varying sizes | NEW | C_College | Xcel | SPS	0.83	86	1
1003	Com - DX RTU Unit of varying sizes | ROB | C_College | Xcel | SPS	0.83	86	1
1004	Com - DX RTU Unit of varying sizes | NEW | C_Office | Xcel | SPS	0.83	86	1
1005	Com - DX RTU Unit of varying sizes | ROB | C_Office | Xcel | SPS	0.83	86	1
1006	Com - DX RTU Unit of varying sizes | NEW | C_Health | Xcel | SPS	0.82	86	1
1007	Com - DX RTU Unit of varying sizes | ROB | C_Health | Xcel | SPS	0.82	86	1
1008	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.82	86	1
1009	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.76	86	1
1010	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.76	86	1
1011	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.76	86	1
1012	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.76	86	1
1013	Res - Low-emissivity coating for standard windows - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.76	86	1
1014	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.75	86	1
1015	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.75	86	1
1016	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.75	86	1
1017	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.75	86	1
1018	Res - High Efficiency Air Conditioner - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.75	86	1
1019	Com - DX RTU Unit of varying sizes | NEW | C_Warehouse | Xcel | SPS	0.74	86	1
1020	Com - DX RTU Unit of varying sizes | ROB | C_Warehouse | Xcel | SPS	0.74	86	1
1021	Com - DX RTU Unit of varying sizes | NEW | C_Grocery | Xcel | SPS	0.72	86	1
1022	Com - DX RTU Unit of varying sizes | ROB | C_Grocery | Xcel | SPS	0.72	86	1
1023	Res - Central Furnace Efficient Fan Motor (ECM) - MF buildings - 100% Applicable | ROB | R_Multi Family Low Income | Xcel |	0.71	86	1
1024	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.67	86	1
1025	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.67	86	1
1026	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.67	86	1
1027	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.67	86	1
1028	Res - Infiltration Reduction - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.67	86	1
1029	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.66	86	1
1030	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.66	86	1
1031	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.66	86	1
1032	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.66	86	1
1033	Res - Attic Insulation - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.66	86	1
1034	Com - HVAC Variable Frequency Drives | RET | C_College | Xcel | SPS	0.65	86	1
1035	Com - HVAC Variable Frequency Drives | RET | C_Grocery | Xcel | SPS	0.65	86	1
1036	Com - HVAC Variable Frequency Drives | RET | C_Health | Xcel | SPS	0.65	86	1
1037	Com - HVAC Variable Frequency Drives | RET | C_Lodging | Xcel | SPS	0.65	86	1
1038	Com - HVAC Variable Frequency Drives | RET | C_Office | Xcel | SPS	0.65	86	1
1039	Com - HVAC Variable Frequency Drives | RET | C_Other | Xcel | SPS	0.65	86	1
1040	Com - HVAC Variable Frequency Drives | RET | C_Restaurant | Xcel | SPS	0.65	86	1
1041	Com - HVAC Variable Frequency Drives | RET | C_Retail | Xcel | SPS	0.65	86	1
1042	Com - HVAC Variable Frequency Drives | RET | C_School | Xcel | SPS	0.65	86	1
1043	Com - HVAC Variable Frequency Drives | RET | C_Warehouse | Xcel | SPS	0.65	86	1
1044	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Manufactured | Xcel | SPS	0.64	86	1
1045	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family | Xcel | SPS	0.64	86	1
1046	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.64	86	1
1047	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family | Xcel | SPS	0.64	86	1
1048	Res - Interior operable storm windows - Space Heating - EH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.64	86	1
1049	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.63	86	1
1050	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.63	86	1
1051	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.63	86	1
1052	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.63	86	1
1053	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.63	86	1
1054	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.63	86	1
1055	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.63	86	1
1056	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.63	86	1
1057	Res - ENERGY STAR Windows - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.63	86	1
1058	Res - ENERGY STAR Windows - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SPS	0.63	86	1
1059	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.59	86	1
1060	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.59	86	1
1061	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.59	86	1
1062	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.59	86	1
1063	Res - Wall Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.59	86	1
1064	Com - DX RTU Unit of varying sizes | NEW | C_Other | Xcel | SPS	0.58	86	1
1065	Com - DX RTU Unit of varying sizes | ROB | C_Other | Xcel | SPS	0.58	86	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
1066	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.58	86	1
1067	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.58	86	1
1068	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.58	86	1
1069	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.58	86	1
1070	Res - Interior operable storm windows - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.58	86	1
1071	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.56	86	1
1072	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.56	86	1
1073	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.56	86	1
1074	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.56	86	1
1075	Res - Smart/Wifi Plugs - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.56	86	1
1076	Com - DX RTU Unit of varying sizes | NEW | C_School | Xcel | SPS	0.54	86	1
1077	Com - DX RTU Unit of varying sizes | ROB | C_School | Xcel | SPS	0.54	86	1
1078	Res - Advanced Power Strips - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.53	86	1
1079	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.53	86	1
1080	Res - Advanced Power Strips - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.53	86	1
1081	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.53	86	1
1082	Res - Advanced Power Strips - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.53	86	1
1083	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.51	86	1
1084	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.51	86	1
1085	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.51	86	1
1086	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.51	86	1
1087	Res - Heat Pump Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.51	86	1
1088	Res - Heat Pump Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.51	86	1
1089	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_College | Xcel | SPS	0.48	86	1
1090	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_College | Xcel | SPS	0.48	86	1
1091	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Grocery | Xcel | SPS	0.48	86	1
1092	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Grocery | Xcel | SPS	0.48	86	1
1093	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Health | Xcel | SPS	0.48	86	1
1094	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Health | Xcel | SPS	0.48	86	1
1095	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Lodging | Xcel | SPS	0.48	86	1
1096	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Lodging | Xcel | SPS	0.48	86	1
1097	Com - ENERGY STAR Hot Food Holding Cabinet | NEW | C_Restaurant | Xcel | SPS	0.48	86	1
1098	Com - ENERGY STAR Hot Food Holding Cabinet | ROB | C_Restaurant | Xcel | SPS	0.48	86	1
1099	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Manufactured | Xcel | SPS	0.48	86	1
1100	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family | Xcel | SPS	0.48	86	1
1101	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Multi Family Low Income | Xcel | SPS	0.48	86	1
1102	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family | Xcel | SPS	0.48	86	1
1103	Res - Attic Insulation - Space Heating - EH + NC | RET | R_Single Family Low Income | Xcel | SPS	0.48	86	1
1104	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Manufactured | Xcel | SPS	0.43	86	1
1105	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family | Xcel | SPS	0.43	86	1
1106	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Multi Family Low Income | Xcel | SPS	0.43	86	1
1107	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family | Xcel | SPS	0.43	86	1
1108	Res - Central Air Conditioner Tune-up - 100% Applicable | RET | R_Single Family Low Income | Xcel | SPS	0.43	86	1
1109	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.39	86	1
1110	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Manufactured | Xcel | SPS	0.39	86	1
1111	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.39	86	1
1112	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family | Xcel | SPS	0.39	86	1
1113	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.39	86	1
1114	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.39	86	1
1115	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.39	86	1
1116	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family | Xcel | SPS	0.39	86	1
1117	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.39	86	1
1118	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - GH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.39	86	1
1119	Com - Vending Machine Controls | RET | C_Lodging | Xcel | SPS	0.37	86	1
1120	Com - Vending Machine Controls | RET | C_School | Xcel | SPS	0.37	86	1
1121	Com - Vending Machine Controls | RET | C_Office | Xcel | SPS	0.34	86	1
1122	Res - Smart ceiling fans - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.32	86	1
1123	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.32	86	1
1124	Res - Smart ceiling fans - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.32	86	1
1125	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.32	86	1
1126	Res - Smart ceiling fans - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.32	86	1
1127	Com - Vending Machine Controls | RET | C_College | Xcel | SPS	0.32	86	1
1128	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.32	86	1
1129	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Manufactured | Xcel | SPS	0.32	86	1
1130	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.32	86	1
1131	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family | Xcel | SPS	0.32	86	1
1132	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.32	86	1
1133	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Multi Family Low Income | Xcel | SPS	0.32	86	1
1134	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.32	86	1
1135	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family | Xcel | SPS	0.32	86	1
1136	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SP	0.32	86	1
1137	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + EC | ROB | R_Single Family Low Income | Xcel | SP	0.32	86	1
1138	Com - Ductless Mini-Split Heat Pumps | RET | C_Restaurant | Xcel | SPS	0.26	86	1
1139	Com - Vending Machine Controls | RET | C_Restaurant | Xcel | SPS	0.26	86	1
1140	Com - Ductless Mini-Split Heat Pumps | RET | C_Retail | Xcel | SPS	0.25	86	1
1141	Com - Vending Machine Controls | RET | C_Retail | Xcel | SPS	0.25	86	1
1142	Com - Ductless Mini-Split Heat Pumps | RET | C_Lodging | Xcel | SPS	0.25	86	1
1143	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.24	86	1
1144	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Manufactured | Xcel | SPS	0.24	86	1
1145	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.24	86	1
1146	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family | Xcel | SPS	0.24	86	1
1147	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.24	86	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
1148	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Multi Family Low Income | Xcel | SPS	0.24	86	1
1149	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.24	86	1
1150	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family | Xcel | SPS	0.24	86	1
1151	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SP	0.24	86	1
1152	Res - Networked/ Connected - Indoor LED Lamp - Space Heating - EH + NC | ROB | R_Single Family Low Income | Xcel | SP	0.24	86	1
1153	Ind - Progressive Cavity Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.23	86	1
1154	Ind - Progressive Cavity Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.23	86	1
1155	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Health | Xcel | SPS	0.23	86	1
1156	Com - Vending Machine Controls | RET | C_Warehouse | Xcel | SPS	0.21	86	1
1157	Com - Vending Machine Controls | RET | C_Health | Xcel | SPS	0.21	86	1
1158	Com - Vending Machine Controls | RET | C_Grocery | Xcel | SPS	0.20	86	1
1159	Com - Ductless Mini-Split Heat Pumps | RET | C_Office | Xcel | SPS	0.19	86	1
1160	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.18	86	1
1161	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.18	86	1
1162	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.18	86	1
1163	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.18	86	1
1164	Res - Attic Insulation - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.18	86	1
1165	Com - Ductless Mini-Split Heat Pumps | RET | C_College | Xcel | SPS	0.17	86	1
1166	Com - Ductless Mini-Split Heat Pumps | RET | C_Health | Xcel | SPS	0.17	86	1
1167	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.17	86	1
1168	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.17	86	1
1169	Res - Solar Water Heater - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.17	86	1
1170	Res - Solar Water Heater - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.17	86	1
1171	Com - Ductless Mini-Split Heat Pumps | RET | C_Warehouse | Xcel | SPS	0.16	86	1
1172	Com - Ductless Mini-Split Heat Pumps | RET | C_School | Xcel | SPS	0.16	86	1
1173	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_College | Xcel | SPS	0.16	86	1
1174	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Office | Xcel | SPS	0.15	86	1
1175	Com - Ductless Mini-Split Heat Pumps | RET | C_Other | Xcel | SPS	0.15	86	1
1176	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Lodging | Xcel | SPS	0.15	86	1
1177	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Grocery | Xcel | SPS	0.15	86	1
1178	Com - Ductless Mini-Split Heat Pumps | RET | C_Grocery | Xcel | SPS	0.14	86	1
1179	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	86	1
1180	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	86	1
1181	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.14	86	1
1182	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.14	86	1
1183	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.14	86	1
1184	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.14	86	1
1185	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.14	86	1
1186	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.14	86	1
1187	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.14	86	1
1188	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.14	86	1
1189	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.14	86	1
1190	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.14	86	1
1191	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.14	86	1
1192	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.14	86	1
1193	Res - Heat Pump Dryer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.14	86	1
1194	Res - Heat Pump Dryer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.14	86	1
1195	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_School | Xcel | SPS	0.14	86	1
1196	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Retail | Xcel | SPS	0.11	86	1
1197	Res - Solar Water Heater - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.09	86	1
1198	Res - Solar Water Heater - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.09	86	1
1199	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.09	86	1
1200	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.09	86	1
1201	Res - Solar Water Heater - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.09	86	1
1202	Res - Solar Water Heater - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.09	86	1
1203	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Manufactured | Xcel | SPS	0.08	86	1
1204	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family | Xcel | SPS	0.08	86	1
1205	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.08	86	1
1206	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family | Xcel | SPS	0.08	86	1
1207	Res - Ceiling Insulation - Space Heating - EH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.08	86	1
1208	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.08	86	1
1209	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.08	86	1
1210	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.08	86	1
1211	Res - Efficient Storage and Tankless Water Heaters - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.08	86	1
1212	Com - Chillers (air cooled, centrifugal, scoll/screw) | RET | C_Other | Xcel | SPS	0.07	86	1
1213	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Manufactured | Xcel | SPS	0.06	86	1
1214	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family | Xcel | SPS	0.06	86	1
1215	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Multi Family Low Income | Xcel | SPS	0.06	86	1
1216	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family | Xcel | SPS	0.06	86	1
1217	Res - Interior operable storm windows - Space Heating - GH + EC | RET | R_Single Family Low Income | Xcel | SPS	0.06	86	1
1218	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Manufactured | Xcel | SPS	0.06	86	1
1219	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family | Xcel | SPS	0.06	86	1
1220	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Multi Family Low Income | Xcel | SPS	0.06	86	1
1221	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family | Xcel | SPS	0.06	86	1
1222	Res - Ceiling Insulation - Space Heating - EH + NC | NEW | R_Single Family Low Income | Xcel | SPS	0.06	86	1
1223	Ind - Progressive Cavity Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.06	86	1
1224	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.05	86	1
1225	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.05	86	1
1226	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.05	86	1
1227	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.05	86	1
1228	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.05	86	1
1229	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.05	86	1

1	Res - Evaporative Cooling - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	65,535.00	2	1
1230	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.05	86	1
1231	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.05	86	1
1232	Res - ENERGY STAR Clothes Washer - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.05	86	1
1233	Res - ENERGY STAR Clothes Washer - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.05	86	1
1234	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Manufactured | Xcel | SPS	0.04	86	1
1235	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Manufactured | Xcel | SPS	0.04	86	1
1236	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family | Xcel | SPS	0.04	86	1
1237	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family | Xcel | SPS	0.04	86	1
1238	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Multi Family Low Income | Xcel | SPS	0.04	86	1
1239	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Multi Family Low Income | Xcel | SPS	0.04	86	1
1240	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family | Xcel | SPS	0.04	86	1
1241	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family | Xcel | SPS	0.04	86	1
1242	Res - ENERGY STAR Refrigerator - 100% Applicable | NEW | R_Single Family Low Income | Xcel | SPS	0.04	86	1
1243	Res - ENERGY STAR Refrigerator - 100% Applicable | ROB | R_Single Family Low Income | Xcel | SPS	0.04	86	1
1244	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Manufactured | Xcel | SPS	0.02	86	1
1245	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family | Xcel | SPS	0.02	86	1
1246	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Multi Family Low Income | Xcel | SPS	0.02	86	1
1247	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family | Xcel | SPS	0.02	86	1
1248	Res - Ceiling Insulation - Space Heating - GH + EC | NEW | R_Single Family Low Income | Xcel | SPS	0.02	86	1
1249	Ind - Select More effcient Pumps | NEW | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	86	1
1250	Ind - Select More effcient Pumps | ROB | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.01	86	1
1251	Ind - O&G O&M | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	86	1
1252	Ind - Select More effcient Pumps | RET | C_Mining/Oil & Gas Extraction | Xcel | SPS	0.00	86	1

The below mappings are used to dynamically link the title and units fields of all tables in this workbook. The values for Table Row and Table Column denote the position of the table as an element of a "matrix" of tables within the sheet.

Sheet	Table Row	Table Column	Table Title	Units
ElecEnergy_Sector	1	1	Electric Energy Technical Potential by Sector	GWh/year
ElecEnergy_Sector	2	1	Electric Energy Economic Potential by Sector	GWh/year
ElecEnergy_Sector	3	1	Electric Energy Achievable Potential by Sector	GWh/year
ElecEnergy_Sector	1	2	Total Electric Energy Potential by Potential Type	GWh/year
ElecEnergy_EndUse	1	1	Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	2	1	Residential Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	3	1	Commercial Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	4	1	Industrial Electric Energy Technical Potential by End Use	GWh/year
ElecEnergy_EndUse	1	2	Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	2	2	Residential Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	3	2	Commercial Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	4	2	Industrial Electric Energy Economic Potential by End Use	GWh/year
ElecEnergy_EndUse	1	3	Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	2	3	Residential Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	3	3	Commercial Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_EndUse	4	3	Industrial Electric Energy Achievable Potential by End Use	GWh/year
ElecEnergy_CustSeg	1	1	Electric Energy Technical Potential by Customer Segment	GWh/year
ElecEnergy_CustSeg	1	2	Electric Energy Economic Potential by Customer Segment	GWh/year
ElecEnergy_CustSeg	1	3	Electric Energy Achievable Potential by Customer Segment	GWh/year
ElecEnergy_Pct	1	1	Electric Energy Technical Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	2	1	Electric Energy Economic Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	3	1	Electric Energy Achievable Potential by Sector as a Percent of Total Sales	%
ElecEnergy_Pct	1	2	Electric Energy Potential by Potential Type as a Percent of Total Sales	%
ElecEnergy_Top40	1	1	Top Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	1	Top Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	1	Top Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	2	Top Residential Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	2	Top Residential Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	2	Top Residential Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	3	Top Commercial Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	3	Top Commercial Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	3	Top Commercial Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_Top40	1	4	Top Industrial Measures Ranked by Electric Energy Technical Potential in 2030	GWh/year
ElecEnergy_Top40	2	4	Top Industrial Measures Ranked by Electric Energy Economic Potential in 2030	GWh/year
ElecEnergy_Top40	3	4	Top Industrial Measures Ranked by Electric Energy Achievable Potential in 2030	GWh/year
ElecEnergy_LCOE	1	1	Electric Energy Technical Potential LCOE Supply Curve in 2030	
ElecEnergy_LCOE	1	2	Electric Energy Economic Potential LCOE Supply Curve in 2030	
ElecEnergy_LCOE	1	3	Electric Energy Achievable Potential LCOE Supply Curve in 2030	
ElecEnergy_BC	1	1	Electric Energy Technical Potential TRC Supply Curve in 2030	
ElecEnergy_BC	1	2	Electric Energy Economic Potential TRC Supply Curve in 2030	
ElecEnergy_BC	1	3	Electric Energy Achievable Potential TRC Supply Curve in 2030	
ElecEnergy_NatChange	1	1	Electric Energy Natural Change	GWh/year
ElecDemand_Sector	1	1	Electric Demand Technical Potential by Sector	MW
ElecDemand_Sector	2	1	Electric Demand Economic Potential by Sector	MW
ElecDemand_Sector	3	1	Electric Demand Achievable Potential by Sector	MW
ElecDemand_Sector	1	2	Total Electric Demand Potential by Potential Type	MW
ElecDemand_EndUse	1	1	Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	2	1	Residential Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	3	1	Commercial Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	4	1	Industrial Electric Demand Technical Potential by End Use	MW
ElecDemand_EndUse	1	2	Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	2	2	Residential Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	3	2	Commercial Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	4	2	Industrial Electric Demand Economic Potential by End Use	MW
ElecDemand_EndUse	1	3	Electric Demand Achievable Potential by End Use	MW
ElecDemand_EndUse	2	3	Residential Electric Demand AchievablePotential by End Use	MW
ElecDemand_EndUse	3	3	Commercial Electric Demand Achievable Potential by End Use	MW
ElecDemand_EndUse	4	3	Industrial Electric Demand Achievable Potential by End Use	MW
ElecDemand_CustSeg	1	1	Electric Demand Technical Potential by Customer Segment	MW
ElecDemand_CustSeg	1	2	Electric Demand Economic Potential by Customer Segment	MW
ElecDemand_CustSeg	1	3	Electric Demand Achievable Potential by Customer Segment	MW
ElecDemand_Pct	1	1	Electric Demand Technical Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	2	1	Electric Demand Economic Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	3	1	Electric Demand Achievable Potential by Sector as a Percent of Total Sales	%
ElecDemand_Pct	1	2	Electric Demand Potential by Potential Type as a Percent of Total Sales	%
ElecDemand_Top40	1	1	Top Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	1	Top Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	1	Top Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	2	Top Residential Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	2	Top Residential Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	2	Top Residential Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	3	Top Commercial Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	3	Top Commercial Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_Top40	3	3	Top Commercial Measures Ranked by Electric Demand Achievable Potential in 2030	MW
ElecDemand_Top40	1	4	Top Industrial Measures Ranked by Electric Demand Technical Potential in 2030	MW
ElecDemand_Top40	2	4	Top Industrial Measures Ranked by Electric Demand Economic Potential in 2030	MW
ElecDemand_LCOE	1	1	Electric Demand Technical Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE	1	2	Electric Demand Economic Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE	1	3	Electric Demand Achievable Potential LCOE Supply Curve in 2030	
ElecDemand_BC	1	1	Electric Demand Technical Potential TRC Supply Curve in 2030	
ElecDemand_BC	1	2	Electric Demand Economic Potential TRC Supply Curve in 2030	
ElecDemand_BC	1	3	Electric Demand Achievable Potential TRC Supply Curve in 2030	
ElecDemand_NatChange	1	1	Electric Demand Natural Change	MW
GasEnergy_Sector	1	1	Gas Energy Technical Potential by Sector	MMTherms/year
GasEnergy_Sector	2	1	Gas Energy Economic Potential by Sector	MMTherms/year
GasEnergy_Sector	3	1	Gas Energy Achievable Potential by Sector	MMTherms/year
GasEnergy_Sector	1	2	Total Gas Energy Potential by Potential Type	MMTherms/year
GasEnergy_EndUse	1	1	Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	2	1	Residential Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	3	1	Commercial Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	4	1	Industrial Gas Energy Technical Potential by End Use	MMTherms/year
GasEnergy_EndUse	1	2	Gas Energy Economic Potential by End Use	MMTherms/year

Link to these values for particular sheets where table colum headers should be hard-coded.

Sheet	Table Row	Table Column	Col Header 1	Col Header 2	Col Header 3	Col Header 4	Year for Export
ElecEnergy_Top40	1	1	Rank	Measure	Technical Potential		2030
ElecEnergy_Top40	2	1	Rank	Measure	Economic Potential		
ElecEnergy_Top40	3	1	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	1	2	Rank	Measure	Technical Potential		
ElecEnergy_Top40	2	2	Rank	Measure	Economic Potential		
ElecEnergy_Top40	2	2	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	1	3	Rank	Measure	Technical Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	1	3	Rank	Measure	Achievable Potential		
ElecEnergy_Top40	2	3	Rank	Measure	Economic Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (GWh/year)	
ElecEnergy_Top40	2	4	Rank	Measure	Achievable Potential	Cumulative Potential (GWh/year)	
ElecEnergy_LCOE	1	1		Measure	Levelized Cost ($/kWh)	Cumulative Potential (GWh/year)	
ElecEnergy_LCOE	1	2		Measure	Levelized Cost ($/kWh)	Cumulative Potential (GWh/year)	
ElecEnergy_BC	1	1		Measure	TRC Ratio		
ElecEnergy_BC	1	2		Measure	TRC Ratio		
ElecDemand_Top40	1	1	Rank	Measure	Technical Potential		
ElecDemand_Top40	2	1	Rank	Measure	Economic Potential		
ElecDemand_Top40	2	1	Rank	Measure	Achievable Potential		
ElecDemand_Top40	1	2	Rank	Measure	Technical Potential		
ElecDemand_Top40	2	2	Rank	Measure	Economic Potential		
ElecDemand_Top40	3	2	Rank	Measure	Achievable Potential		
ElecDemand_Top40	1	3	Rank	Measure	Technical Potential	Cumulative Potential (MW)	
ElecDemand_Top40	2	3	Rank	Measure	Economic Potential	Cumulative Potential (MW)	
ElecDemand_Top40	3	3	Rank	Measure	Achievable Potential	Cumulative Potential (MW)	
ElecDemand_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (MW)	
ElecDemand_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (MW)	
ElecDemand_Top40	3	4	Rank	Measure	Achievable Potential	Cumulative Potential (MW)	
ElecDemand_LCOE	1	1		Measure	Levelized Cost ($/kW)	Cumulative Potential (MW)	
ElecDemand_LCOE	1	2		Measure	Levelized Cost ($/kW)	Cumulative Potential (MW)	
ElecDemand_BC	1	1		Measure	TRC Ratio	Cumulative Potential (MW)	
ElecDemand_BC	1	2		Measure	TRC Ratio	Cumulative Potential (MW)	
ElecDemand_BC	1	3		Measure	TRC Ratio	Cumulative Potential (MW)	
GasEnergy_Top40	1	1	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	1	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	2	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	2	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	3	Rank	Measure	Technical Potential		
GasEnergy_Top40	2	3	Rank	Measure	Economic Potential		
GasEnergy_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (MMTherms/year)	
GasEnergy_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (MMTherms/year)	
GasEnergy_LCOE	1	1		Measure	Levelized Cost ($/therm)	Cumulative Potential (MMTherms/year)	
GasEnergy_LCOE	1	2		Measure	Levelized Cost ($/therm)	Cumulative Potential (MMTherms/year)	
GasEnergy_BC	1	1		Measure	TRC Ratio		
GasEnergy_BC	1	2		Measure	TRC Ratio		
GasDemand_Top40	1	1	Rank	Measure	Technical Potential		
GasDemand_Top40	2	1	Rank	Measure	Economic Potential		
GasDemand_Top40	1	2	Rank	Measure	Technical Potential		
GasDemand_Top40	2	2	Rank	Measure	Economic Potential		
GasDemand_Top40	1	3	Rank	Measure	Technical Potential		
GasDemand_Top40	2	3	Rank	Measure	Economic Potential		
GasDemand_Top40	1	4	Rank	Measure	Technical Potential	Cumulative Potential (GJ/day)	
GasDemand_Top40	2	4	Rank	Measure	Economic Potential	Cumulative Potential (GJ/day)	
GasDemand_LCOE	1	1		Measure	Levelized Cost ($/MJ/day)	Cumulative Potential (GJ/day)	
GasDemand_LCOE	1	2		Measure	Levelized Cost ($/MJ/day)	Cumulative Potential (GJ/day)	
GasDemand_BC	1	1		Measure	TRC Ratio		
GasDemand_BC	1	2		Measure	TRC Ratio		

Sheet	Table Row	Table Column	Table Title	Units
GasEnergy_EndUse		2	2 Residential Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		3	2 Commercial Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		4	2 Industrial Gas Energy Economic Potential by End Use	MMTherms/year
GasEnergy_EndUse		1	3 Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		2	3 Residential Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		3	3 Commercial Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_EndUse		4	3 Industrial Gas Energy Achievable Potential by End Use	MMTherms/year
GasEnergy_CustSeg		1	1 Gas Energy Technical Potential by Customer Segment	MMTherms/year
GasEnergy_CustSeg		1	2 Gas Energy Economic Potential by Customer Segment	MMTherms/year
GasEnergy_CustSeg		1	3 Gas Energy Achievable Potential by Customer Segment	MMTherms/year
GasEnergy_Pct		1	1 Gas Energy Technical Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		2	1 Gas Energy Economic Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		3	1 Gas Energy Achievable Potential by Sector as a Percent of Total Sales	%
GasEnergy_Pct		1	2 Gas Energy Potential by Potential Type as a Percent of Total Sales	%
GasEnergy_Top40		1	1 Top Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	1 Top Measures Ranked by Gas Energy Economic Potential in 2030	MMTherms/year
		3	1 Top Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	2 Top Residential Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	2 Top Residential Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	3 Top Commercial Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	3 Top Commercial Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_Top40		1	4 Top Industrial Measures Ranked by Gas Energy Technical Potential in 2030	MMTherms/year
GasEnergy_Top40		2	4 Top Industrial Measures Ranked by Gas Energy Achievable Potential in 2030	MMTherms/year
GasEnergy_LCOE		1	1 Gas Energy Technical Potential LCOE Supply Curve in 2030	
GasEnergy_LCOE		1	2 Gas Energy Economic Potential LCOE Supply Curve in 2030	
GasEnergy_LCOE		1	3 Gas Energy Achievable Potential LCOE Supply Curve in 2030	
GasEnergy_BC		1	1 Gas Energy Technical Potential TRC Supply Curve in 2030	
GasEnergy_BC		1	2 Gas Energy Economic Potential TRC Supply Curve in 2030	
GasEnergy_BC		1	3 Gas Energy Achievable Potential TRC Supply Curve in 2030	
GasEnergy_NatChange		1	1 Gas Energy Natural Change	MMTherms/year
GasDemand_Sector		1	1 Gas Demand Technical Potential by Sector	MMTherms/year
GasDemand_Sector		2	1 Gas Demand Economic Potential by Sector	MMTherms/year
GasDemand_Sector		1	2 Total Gas Demand Potential by Potential Type	MMTherms/year
GasDemand_EndUse		1	1 Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		2	1 Residential Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		3	1 Commercial Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		4	1 Industrial Gas Demand Technical Potential by End Use	MMTherms/year
GasDemand_EndUse		1	2 Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		2	2 Residential Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		3	2 Commercial Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_EndUse		4	2 Industrial Gas Demand Economic Potential by End Use	MMTherms/year
GasDemand_CustSeg		1	1 Gas Demand Technical Potential by Customer Segment	MMTherms/year
GasDemand_CustSeg		1	2 Gas Demand Economic Potential by Customer Segment	MMTherms/year
GasDemand_Pct		1	1 Gas Demand Technical Potential by Sector as a Percent of Total Sales	%
GasDemand_Pct		2	1 Gas Demand Economic Potential by Sector as a Percent of Total Sales	%
GasDemand_Pct		1	2 Gas Demand Potential by Potential Type as a Percent of Total Sales	%
GasDemand_Top40		1	1 Top Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	1 Top Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	2 Top Residential Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	2 Top Residential Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	3 Top Commercial Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	3 Top Commercial Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_Top40		1	4 Top Industrial Measures Ranked by Gas Demand Technical Potential in 2030	MMTherms/year
GasDemand_Top40		2	4 Top Industrial Measures Ranked by Gas Demand Economic Potential in 2030	MMTherms/year
GasDemand_LCOE		1	1 Gas Demand Technical Potential LCOE Supply Curve in 2030	
GasDemand_LCOE		1	2 Gas Demand Economic Potential LCOE Supply Curve in 2030	
GasDemand_BC		1	1 Gas Demand Technical Potential TRC Supply Curve in 2030	
GasDemand_BC		1	2 Gas Demand Economic Potential TRC Supply Curve in 2030	
GasDemand_NatChange		1	1 Gas Demand Natural Change	MMTherms/year
ElecEnergy_BC		1	1 Electric Energy Achievable Potential UTC Supply Curve in 2030	
ElecEnergy_LCOE		1	1 Electric Energy Achievable UTC Potential LCOE Supply Curve in 2030	
ElecDemand_LCOE		1	1 Electric Demand Achievable UTC Potential LCOE Supply Curve in 2030	
ElecDemand_BC		1	1 Electric Demand Achievable Potential UTC Supply Curve in 2030	

Sheet	Table Row	Table Column	Col Header 1	Col Header 2	Col Header 3	Col Header 4	Year for Export

Portfolio Budget Breakdown

	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Incentives | C&I Motors and Drives	$ 1,023,795	$ 1,216,449	$ 1,335,426	$ 1,335,148	$ 1,206,018	$ 987,032	$ 741,177	$ 519,254	$ 344,844	$ 227,268
Incentives | Commercial Cooling	$ 330,722	$ 672,962	$ 851,666	$ 1,479,543	$ 1,485,111	$ 1,567,006	$ 1,586,948	$ 1,615,455	$ 1,563,627	$ 1,431,812
Incentives | Commercial Custom	$ 137,192	$ 321,790	$ 331,854	$ 444,080	$ 327,407	$ 295,353	$ 255,267	$ 231,023	$ 190,664	$ 132,529
Incentives | Commercial Lighting	$ 367,920	$ 1,051,526	$ 942,076	$ 1,238,143	$ 901,683	$ 858,749	$ 849,681	$ 884,158	$ 861,785	$ 768,567
Incentives | Commercial Cooking and Appliances	$ 60,159	$ 93,797	$ 106,450	$ 126,864	$ 124,180	$ 121,440	$ 109,758	$ 92,357	$ 139,332	$ 113,219
Incentives | Residential Appliance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 281,873	$ 198,517	$ 132,929
Incentives | Residential Energy Feedback	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Incentives | Residential Envelope	$ 640,509	$ 719,914	$ 729,926	$ 659,181	$ 551,911	$ 466,226	$ 375,197	$ 333,354	$ 270,511	$ 250,877
Incentives | Residential Hot Water	$ 25,040	$ 36,624	$ 48,990	$ 61,325	$ 78,713	$ 102,977	$ 117,921	$ 132,539	$ 128,644	$ 122,652
Incentives | Residential HVAC	$ 991,850	$ 1,126,084	$ 1,162,704	$ 1,072,879	$ 901,816	$ 788,308	$ 595,540	$ 472,561	$ 337,735	$ 282,292
Incentives | Residential Lighting	$ 1,313,350	$ 1,385,974	$ 1,175,600	$ 786,119	$ 469,843	$ 336,533	$ 258,369	$ 260,201	$ 215,561	$ 217,250
Program Admin | C&I Motors and Drives	$ 1,345,471	$ 1,382,741	$ 1,421,043	$ 1,460,406	$ 1,500,859	$ 1,542,433	$ 1,585,158	$ 1,629,067	$ 1,674,192	$ 1,720,567
Program Admin | Commercial Cooling	$ 31,144	$ 32,007	$ 32,894	$ 33,805	$ 34,741	$ 35,703	$ 36,692	$ 37,709	$ 38,753	$ 39,827
Program Admin | Commercial Custom	$ 632,972	$ 650,505	$ 668,524	$ 687,042	$ 706,073	$ 725,632	$ 745,732	$ 766,388	$ 787,617	$ 809,434
Program Admin | Commercial Lighting	$ 189,400	$ 194,646	$ 200,038	$ 205,579	$ 211,273	$ 217,126	$ 223,140	$ 229,321	$ 235,673	$ 242,201
Program Admin | Commercial Cooking and Appliances	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Program Admin | Residential Appliance	$ 5,298	$ 5,444	$ 5,595	$ 5,750	$ 5,910	$ 6,073	$ 6,241	$ 6,414	$ 6,592	$ 6,775
Program Admin | Residential Energy Feedback	$ 297,938	$ 306,191	$ 314,672	$ 323,388	$ 332,346	$ 341,552	$ 351,013	$ 360,736	$ 370,729	$ 380,998
Program Admin | Residential Envelope	$ 424,565	$ 436,326	$ 448,412	$ 460,833	$ 473,598	$ 486,717	$ 500,199	$ 514,054	$ 528,294	$ 542,927
Program Admin | Residential Hot Water	$ 48,559	$ 49,904	$ 51,286	$ 52,707	$ 54,167	$ 55,667	$ 57,209	$ 58,794	$ 60,422	$ 62,096
Program Admin | Residential HVAC	$ 495,507	$ 509,232	$ 523,338	$ 537,835	$ 552,733	$ 568,043	$ 583,778	$ 599,949	$ 616,567	$ 633,646
Program Admin | Residential Lighting	$ 1,491,356	$ 1,532,666	$ 1,575,121	$ 1,618,752	$ 1,663,592	$ 1,709,673	$ 1,757,031	$ 1,805,701	$ 1,855,719	$ 1,907,122
Program Total | C&I Motors and Drives	$ 2,369,266	$ 2,599,190	$ 2,756,468	$ 2,795,554	$ 2,706,877	$ 2,529,465	$ 2,326,335	$ 2,148,321	$ 2,019,036	$ 1,947,836
Program Total | Commercial Cooling	$ 361,866	$ 704,969	$ 884,559	$ 1,513,348	$ 1,519,852	$ 1,602,710	$ 1,623,641	$ 1,653,164	$ 1,602,381	$ 1,471,639
Program Total | Commercial Custom	$ 770,164	$ 972,295	$ 1,000,379	$ 1,131,123	$ 1,033,480	$ 1,020,984	$ 1,000,998	$ 997,411	$ 978,282	$ 941,963
Program Total | Commercial Lighting	$ 557,319	$ 1,246,172	$ 1,142,114	$ 1,443,722	$ 1,112,957	$ 1,075,875	$ 1,072,821	$ 1,113,479	$ 1,097,458	$ 1,010,768
Program Total | Commercial Cooking and Appliances	$ 60,159	$ 93,797	$ 106,450	$ 126,864	$ 124,180	$ 121,440	$ 109,758	$ 92,357	$ 139,332	$ 113,219
Program Total | Residential Appliance	$ 5,298	$ 5,444	$ 5,595	$ 5,750	$ 5,910	$ 6,073	$ 6,241	$ 288,287	$ 205,109	$ 139,703
Program Total | Residential Energy Feedback	$ 297,938	$ 306,191	$ 314,672	$ 323,388	$ 332,346	$ 341,552	$ 351,013	$ 360,736	$ 370,729	$ 380,998
Program Total | Residential Envelope	$ 1,065,074	$ 1,156,240	$ 1,178,338	$ 1,120,014	$ 1,025,509	$ 952,943	$ 875,396	$ 847,408	$ 798,804	$ 793,805
Program Total | Residential Hot Water	$ 73,598	$ 86,528	$ 100,276	$ 114,031	$ 132,880	$ 158,644	$ 175,130	$ 191,333	$ 189,066	$ 184,748
Program Total | Residential HVAC	$ 1,487,357	$ 1,635,317	$ 1,686,042	$ 1,610,714	$ 1,454,549	$ 1,356,351	$ 1,179,318	$ 1,072,510	$ 954,302	$ 915,938
Program Total | Residential Lighting	$ 2,804,706	$ 2,918,640	$ 2,750,721	$ 2,404,871	$ 2,133,435	$ 2,046,206	$ 2,015,400	$ 2,065,902	$ 2,071,279	$ 2,124,372
Total Program Admin	$ 4,962,210	$ 5,099,663	$ 5,240,923	$ 5,386,097	$ 5,535,292	$ 5,688,619	$ 5,846,194	$ 6,008,134	$ 6,174,559	$ 6,345,594
Portfolio Admin	$ 433,321	$ 445,324	$ 457,660	$ 470,337	$ 483,365	$ 496,755	$ 510,515	$ 524,656	$ 539,189	$ 554,125
Total Incentives	$ 4,890,534	$ 6,625,120	$ 6,684,691	$ 7,203,282	$ 6,046,683	$ 5,523,624	$ 4,889,860	$ 4,822,775	$ 4,251,219	$ 3,679,394
Total Admin	$ 5,395,531	$ 5,544,987	$ 5,698,583	$ 5,856,434	$ 6,018,657	$ 6,185,374	$ 6,356,709	$ 6,532,790	$ 6,713,748	$ 6,899,719
Portfolio Total	$ 10,286,065	$ 12,170,107	$ 12,383,275	$ 13,059,716	$ 12,065,340	$ 11,708,998	$ 11,246,569	$ 11,355,565	$ 10,964,967	$ 10,579,113

Southwestern Public Service Company

Executive Summary

	Revised PY 2022 Portfolio - Executive Summary Table							
2022	**Electric Participants**	**Electric Budget**	**Net Customer kW**	**Net Customer kWh**	**Net Generator kW**	**Net Generator kWh**	**Utility Cost Test Ratio**	**Total Benefits**
Residential Segment								
Energy Feedback	24,400	$144,485	823	4,586,748	960	5,176,917	1.32	$191,252
Heat Pump Water Heaters	455	$280,000	115	868,585	134	980,344	1.01	$282,296
Home Energy Services: Residential and Low Income	**3,891**	**$2,131,716**	**817**	**8,004,036**	**953**	**9,033,901**	**2.17**	**$4,618,682**
Residential Home Energy Services	1,168	$996,126	388	3,975,813	452	4,487,374	2.38	$2,374,445
Low Income Home Energy Services	2,723	$1,135,590	429	4,028,223	501	4,546,527	1.95	$2,212,846
Home Lighting & Recycling	439,635	$1,534,743	2,577	14,760,530	2,953	16,483,303	5.18	$7,944,635
Residential Cooling	680	$444,300	319	905,715	372	1,022,252	1.27	$565,380
School Education Kits	11,500	$160,046	63	617,300	74	696,727	2.07	$331,888
Refrigerator Recycling	1,000	$210,208	90	707,753	105	798,818	0.74	$156,267
Residential Thermostat Rewards	1,575	$165,625	518	525,125	604	592,692	0.81	$134,689
Residential Segment Total	**483,136**	**$5,071,123**	**5,321**	**30,975,792**	**6,156**	**34,784,954**	**2.81**	**$14,225,091**
Business Segment								
Business Comprehensive	**535**	**$8,348,676**	**3,492**	**25,516,282**	**3,825**	**27,466,397**	**1.46**	**$12,204,631**
Building Tune-Up	4	$21,000	1	14,789	1	15,919	0.13	$2,796
Cooling Efficiency	93	$555,000	189	674,893	207	726,473	0.76	$423,562
Custom Efficiency	29	$3,565,000	1,513	12,731,312	1,658	13,704,318	1.88	$6,712,982
Lighting Efficiency	261	$897,676	344	2,805,699	377	3,020,128	1.28	$1,150,984
Motors & Drives	148	$3,310,000	1,444	9,289,590	1,581	9,999,559	1.18	$3,914,307
Business Segment Total	**535**	**$8,348,676**	**3,492**	**25,516,282**	**3,825**	**27,466,397**	**1.46**	**$12,204,631**
Planning and Research Segment								
Consumer Education	0	$200,000	0	0	0	0		$0
Market Research	0	$360,000	0	0	0	0		$0
Measurement & Verification	0	$15,000	0	0	0	0		$0
Planning & Administration	0	$350,000	0	0	0	0		$0
Product Development	0	$190,000	0	0	0	0		$0
Planning & Research Segment Total	**0**	**$1,115,000**	**0**	**0**	**0**	**0**		**$0**
PORTFOLIO TOTAL	**483,670**	**$14,534,799**	**8,813**	**56,492,075**	**9,981**	**62,251,350**	**1.82**	**$26,429,722**

Southwestern Public Service Company

Executive Summary

	Approved PY 2022 Portfolio - Executive Summary Table							
2022	**Electric Participants**	**Electric Budget**	**Net Customer kW**	**Net Customer kWh**	**Net Generator kW**	**Net Generator kWh**	**Utility Cost Test Ratio**	**Total Benefits**
Residential Segment								
Energy Feedback	21,058	$144,485	708	3,947,163	826	4,455,038	1.14	$164,581
Heat Pump Water Heaters	125	$68,500	57	422,082	66	476,391	2.01	$137,488
Home Energy Services: Residential and Low Income	**3,263**	**$2,163,861**	**904**	**8,963,155**	**1,055**	**10,116,428**	**2.39**	**$5,174,489**
Residential Home Energy Services	1,431	$1,099,819	426	4,578,150	497	5,167,212	2.50	$2,750,647
Low Income Home Energy Services	1,832	$1,064,042	478	4,385,006	558	4,949,216	2.28	$2,423,843
Home Lighting & Recycling	309,200	$1,158,151	914	5,300,679	1,063	5,917,133	2.46	$2,845,816
Residential Cooling	96	$68,540	39	125,177	46	141,284	1.06	$72,529
School Education Kits	2,500	$166,417	10	376,378	12	424,806	0.78	$129,734
Refrigerator Recycling	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Residential Thermostat Rewards	1,288	$82,500	0	742,417	0	837,943	2.35	$193,536
Residential Segment Total	**337,530**	**$3,852,454**	**2,637**	**19,890,259**	**3,068**	**22,369,022**	**2.26**	**$8,718,174**
Business Segment								
Business Comprehensive	**486**	**$5,741,548**	**2,797**	**20,111,128**	**3,063**	**21,648,146**	**1.57**	**$9,029,160**
Building Tune-Up	6	$20,200	2	29,577	2	31,838	0.28	$5,593
Cooling Efficiency	136	$329,021	162	700,788	177	754,346	1.27	$416,618
Custom Efficiency	29	$1,419,486	596	4,684,157	653	5,042,150	1.72	$2,441,198
Lighting Efficiency	260	$1,151,179	332	3,307,566	364	3,560,351	1.16	$1,334,127
Motors & Drives	56	$2,821,662	1,705	11,389,040	1,867	12,259,462	1.71	$4,831,624
Business Segment Total	**486**	**$5,741,548**	**2,797**	**20,111,128**	**3,063**	**21,648,146**	**1.57**	**$9,029,160**
Planning and Research Segment								
Consumer Education	0	$200,000	0	0	0	0		$0
Market Research	0	$360,000	0	0	0	0		$0
Measurement & Verification	0	$15,000	0	0	0	0		$0
Planning & Administration	0	$295,000	0	0	0	0		$0
Product Development	0	$190,000	0	0	0	0		$0
Planning & Research Segment Total	**0**	**$1,060,000**	**0**	**0**	**0**	**0**		**$0**
PORTFOLIO TOTAL	**338,016**	**$10,654,002**	**5,363**	**40,052,074**	**6,131**	**44,017,168**	**1.67**	**$17,747,334**

Southwestern Public Service Company

Executive Summary

	Delta						
2022	**Electric Participants**	**Electric Budget**	**Net Customer kW**	**Net Customer kWh**	**Net Generator kW**	**Net Generator kWh**	**Total Benefits**
Residential Segment							
Energy Feedback	3,342	$0	115	639,585	134	721,879	$26,671
Heat Pump Water Heaters	330	$211,500	58	446,503	68	503,953	$144,808
Home Energy Services: Residential and Low Income	**628**	**-$32,145**	**-87**	**-959,119**	**-102**	**-1,082,527**	**-$555,807**
Residential Home Energy Services	-263	-$103,693	-38	-602,336	-45	-679,838	-$376,201
Low Income Home Energy Services	891	$71,548	-49	-356,783	-57	-402,689	-$210,997
Home Lighting & Recycling	130,435	$376,592	1,662	9,459,851	1,890	10,566,170	$5,098,820
Residential Cooling	584	$375,760	280	780,538	326	880,968	$492,851
School Education Kits	9,000	-$6,371	53	240,922	62	271,921	$202,154
Refrigerator Recycling	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Residential Thermostat Rewards	287	$83,125	518	-217,292	604	-245,250	-$58,848
Residential Segment Total	**145,606**	**$1,218,669**	**2,684**	**11,085,533**	**3,088**	**12,415,932**	**$5,506,917**
Business Segment							
Business Comprehensive	**49**	**$2,607,128**	**695**	**5,405,154**	**762**	**5,818,250**	**$3,175,471**
Building Tune-Up	-2	$800	-1	-14,789	-1	-15,919	-$2,796
Cooling Efficiency	-43	$225,979	27	-25,895	30	-27,874	$6,944
Custom Efficiency	0	$2,145,514	917	8,047,155	1,005	8,662,169	$4,271,784
Lighting Efficiency	1	-$253,503	12	-501,867	13	-540,223	-$183,143
Motors & Drives	93	$488,338	-261	-2,099,450	-286	-2,259,903	-$917,318
Business Segment Total	**49**	**$2,607,128**	**695**	**5,405,154**	**762**	**5,818,250**	**$3,175,471**
Planning and Research Segment							
Consumer Education	0	$0	0	0	0	0	$0
Market Research	0	$0	0	0	0	0	$0
Measurement & Verification	0	$0	0	0	0	0	$0
Planning & Administration	0	$55,000	0	0	0	0	$0
Product Development	0	$0	0	0	0	0	$0
Planning & Research Segment Total	**0**	**$55,000**	**0**	**0**	**0**	**0**	**$0**
PORTFOLIO TOTAL	**145,654**	**$3,880,797**	**3,451**	**16,440,001**	**3,850**	**18,234,182**	**$8,682,388**

PORTFOLIO TOTAL 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$2,948,342
Transmission & Distribution Capacity	$1,118,518
Marginal Energy	$21,350,479
Avoided Emissions	$1,012,383
Total Benefits	$26,429,722
Costs	
Utility Project Costs	
Total Incentive	$6,379,160
Internal Administration	$2,377,315
Third-Party Delivery	$4,422,924
Promotion	$1,180,400
M&V	$175,000
Subtotal	$14,534,799
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$14,534,799
Net Benefit (Cost)	$11,894,923
Benefit/Cost Ratio	1.82

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	16.13 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	29.47%
Gross Load Factor at Customer	E	21.78%
Net-to-Gross (Energy)	F	78.5%
Net-to-Gross (Demand)	G	77.8%
Transmission Loss Factor (Energy)	H	9.142%
Transmission Loss Factor (Demand)	I	13.213%
Installation Rate (Energy)	J	99.776%
Installation Rate (Demand)	K	99.787%
UCT Net Benefit (Cost)	L	$314
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.2520 kW
Gross Annual kWh Saved at Customer	(B x E x C)	1,908 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	1,495 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	1,645 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.08 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.02 kW
Gross Annual kWh Saved at Customer	(B x E x M)	149 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	117 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	129 kWh

Program Summary All Participants

Total Participants	N	483,670
Total Budget	O	**$14,534,799**
Gross kW Saved at Customer	(N x M)	37,838 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**9,981 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	72,179,002 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	72,017,248 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	56,560,374 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**62,251,350 kWh**
UCT Net Benefits	(N x M x L)	**$11,894,923**
Utility Program Cost per kWh Lifetime		**$0.0145**
Utility Program Cost per kW at Gen		**$1,456**

RESIDENTIAL SEGMENT TOTAL 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$1,624,847
Transmission & Distribution Capacity	$621,174
Marginal Energy	$11,442,194
Avoided Emissions	$536,877
Total Benefits	$14,225,091
Costs	
Utility Project Costs	
Total Incentive	$2,911,484
Internal Administration	$554,315
Third-Party Delivery	$645,924
Promotion	$879,400
M&V	$80,000
Subtotal	$5,071,123
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$5,071,123
Net Benefit (Cost)	$9,153,968
Benefit/Cost Ratio	2.81

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	15.43 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	20.74%
Gross Load Factor at Customer	E	13.76%
Net-to-Gross (Energy)	F	81.6%
Net-to-Gross (Demand)	G	80.9%
Transmission Loss Factor (Energy)	H	10.888%
Transmission Loss Factor (Demand)	I	14.043%
Installation Rate (Energy)	J	99.600%
Installation Rate (Demand)	K	99.655%
UCT Net Benefit (Cost)	L	$289
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.1876 kW
Gross Annual kWh Saved at Customer	(B x E x C)	1,205 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	979 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	1,099 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.07 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.01 kW
Gross Annual kWh Saved at Customer	(B x E x M)	79 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	64 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	72 kWh

Program Summary All Participants

Total Participants	N	483,136
Total Budget	O	**$5,071,123**
Gross kW Saved at Customer	(N x M)	31,655 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**6,156 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	38,157,811 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	38,005,048 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	30,997,476 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**34,784,954 kWh**
UCT Net Benefits	(N x M x L)	**$9,153,968**
Utility Program Cost per kWh Lifetime		**$0.0095**
Utility Program Cost per kW at Gen		**$824**

BUSINESS SEGMENT TOTAL 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$1,323,496
Transmission & Distribution Capacity	$497,344
Marginal Energy	$9,908,285
Avoided Emissions	$475,506
Total Benefits	$12,204,631
Costs	
Utility Project Costs	
Total Incentive	$3,467,676
Internal Administration	$708,000
Third-Party Delivery	$3,777,000
Promotion	$301,000
M&V	$95,000
Subtotal	$8,348,676
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$8,348,676
Net Benefit (Cost)	$3,855,955
Benefit/Cost Ratio	1.46

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	16.95 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	76.95%
Gross Load Factor at Customer	E	62.82%
Net-to-Gross (Energy)	F	75.0%
Net-to-Gross (Demand)	G	73.4%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$624
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.6079 kW
Gross Annual kWh Saved at Customer	(B x E x C)	5,503 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	4,127 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	4,442 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	11.56 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	7.15 kW
Gross Annual kWh Saved at Customer	(B x E x M)	63,611 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	47,709 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	51,355 kWh

Program Summary All Participants

Total Participants	N	535
Total Budget	O	**$8,348,676**
Gross kW Saved at Customer	(N x M)	6,183 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**3,825 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	34,021,192 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	34,021,192 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	25,516,282 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**27,466,397 kWh**
UCT Net Benefits	(N x M x L)	**$3,855,955**
Utility Program Cost per kWh Lifetime		**$0.0179**
Utility Program Cost per kW at Gen		**$2,183**

ENERGY FEEDBACK 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$0
Transmission & Distribution Capacity	$11,289
Marginal Energy	$173,475
Avoided Emissions	$6,489
Total Benefits	$191,252
Costs	
Utility Project Costs	
Total Incentive	$0
Internal Administration	$23,000
Third-Party Delivery	$90,285
Promotion	$1,200
M&V	$30,000
Subtotal	$144,485
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$144,485
Net Benefit (Cost)	$46,767
Benefit/Cost Ratio	1.32

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	1.00 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	70.81%
Gross Load Factor at Customer	E	45.06%
Net-to-Gross (Energy)	F	106.8%
Net-to-Gross (Demand)	G	106.8%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$43
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.8534 kW
Gross Annual kWh Saved at Customer	(B x E x C)	3,947 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	4,215 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	4,757 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.04 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.04 kW
Gross Annual kWh Saved at Customer	(B x E x M)	176 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	188 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	212 kWh

Program Summary All Participants

Total Participants	N	24,400
Total Budget	O	**$144,485**
Gross kW Saved at Customer	(N x M)	1,088 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**960 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	4,295,513 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	4,295,513 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	4,586,748 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**5,176,917 kWh**
UCT Net Benefits	(N x M x L)	**$46,767**
Utility Program Cost per kWh Lifetime		**$0.0279**
Utility Program Cost per kW at Gen		**$150**

HEAT PUMP WATER HEATERS 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$21,086
Transmission & Distribution Capacity	$12,422
Marginal Energy	$234,562
Avoided Emissions	$14,226
Total Benefits	$282,296
Costs	
Utility Project Costs	
Total Incentive	$227,500
Internal Administration	$15,000
Third-Party Delivery	$0
Promotion	$37,500
M&V	$0
Subtotal	$280,000
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$280,000
Net Benefit (Cost)	$2,296
Benefit/Cost Ratio	1.01

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	10.00 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	100.00%
Gross Load Factor at Customer	E	86.45%
Net-to-Gross (Energy)	F	100.0%
Net-to-Gross (Demand)	G	100.0%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$20
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	1.1287 kW
Gross Annual kWh Saved at Customer	(B x E x C)	7,573 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	7,573 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	8,547 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.25 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.29 kW
Gross Annual kWh Saved at Customer	(B x E x M)	1,909 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	1,909 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	2,155 kWh

Program Summary All Participants

Total Participants	N	455
Total Budget	O	**$280,000**
Gross kW Saved at Customer	(N x M)	115 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**134 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	868,585 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	868,585 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	868,585 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**980,344 kWh**
UCT Net Benefits	(N x M x L)	**$2,296**
Utility Program Cost per kWh Lifetime		**$0.0286**
Utility Program Cost per kW at Gen		**$2,092**

HOME ENERGY SERVICES: RESIDENTIAL AND LOW INCOME 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$337,097
Transmission & Distribution Capacity	$125,336
Marginal Energy	$4,011,868
Avoided Emissions	$144,381
Total Benefits	$4,618,682
Costs	
Utility Project Costs	
Total Incentive	$1,634,464
Internal Administration	$209,000
Third-Party Delivery	$135,252
Promotion	$153,000
M&V	$0
Subtotal	$2,131,716
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$2,131,716
Net Benefit (Cost)	$2,486,966
Benefit/Cost Ratio	2.17

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	17.35 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	78.73%
Gross Load Factor at Customer	E	88.09%
Net-to-Gross (Energy)	F	93.1%
Net-to-Gross (Demand)	G	93.1%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	99.799%
Installation Rate (Demand)	K	99.848%
UCT Net Benefit (Cost)	L	$2,228
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.8263 kW
Gross Annual kWh Saved at Customer	(B x E x C)	7,717 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	7,172 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	8,095 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.29 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.25 kW
Gross Annual kWh Saved at Customer	(B x E x M)	2,213 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	2,057 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	2,322 kWh

Program Summary All Participants

Total Participants	N	3,891
Total Budget	O	**$2,131,716**
Gross kW Saved at Customer	(N x M)	1,116 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**953 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	8,611,738 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	8,594,459 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	8,004,036 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**9,033,901 kWh**
UCT Net Benefits	(N x M x L)	**$2,486,966**
Utility Program Cost per kWh Lifetime		**$0.0136**
Utility Program Cost per kW at Gen		**$2,236**

HOME LIGHTING & RECYCLING 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$1,111,828
Transmission & Distribution Capacity	$401,784
Marginal Energy	$6,109,182
Avoided Emissions	$321,841
Total Benefits	$7,944,635
Costs	
Utility Project Costs	
Total Incentive	$671,743
Internal Administration	$150,000
Third-Party Delivery	$243,000
Promotion	$470,000
M&V	$0
Subtotal	$1,534,743
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$1,534,743
Net Benefit (Cost)	$6,409,892
Benefit/Cost Ratio	5.18

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	18.37 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	13.27%
Gross Load Factor at Customer	E	8.81%
Net-to-Gross (Energy)	F	71.1%
Net-to-Gross (Demand)	G	71.1%
Transmission Loss Factor (Energy)	H	10.455%
Transmission Loss Factor (Demand)	I	13.998%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$238
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.1054 kW
Gross Annual kWh Saved at Customer	(B x E x C)	771 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	548 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	612 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.06 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.01 kW
Gross Annual kWh Saved at Customer	(B x E x M)	47 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	34 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	37 kWh

Program Summary All Participants

Total Participants	N	439,635
Total Budget	O	**$1,534,743**
Gross kW Saved at Customer	(N x M)	26,918 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**2,953 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	20,765,709 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	20,765,709 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	14,759,958 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**16,483,303 kWh**
UCT Net Benefits	(N x M x L)	**$6,409,892**
Utility Program Cost per kWh Lifetime		**$0.0051**
Utility Program Cost per kW at Gen		**$520**

RESIDENTIAL COOLING 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$124,220
Transmission & Distribution Capacity	$47,494
Marginal Energy	$374,750
Avoided Emissions	$18,917
Total Benefits	$565,380
Costs	
Utility Project Costs	
Total Incentive	$149,300
Internal Administration	$60,000
Third-Party Delivery	$105,000
Promotion	$100,000
M&V	$30,000
Subtotal	$444,300
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$444,300
Net Benefit (Cost)	$121,080
Benefit/Cost Ratio	1.27

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	15.96 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	93.61%
Gross Load Factor at Customer	E	30.35%
Net-to-Gross (Energy)	F	66.0%
Net-to-Gross (Demand)	G	66.0%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$235
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.6973 kW
Gross Annual kWh Saved at Customer	(B x E x C)	2,658 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	1,754 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	1,980 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.76 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.55 kW
Gross Annual kWh Saved at Customer	(B x E x M)	2,018 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	1,332 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	1,503 kWh

Program Summary All Participants

Total Participants	N	680
Total Budget	O	**$444,300**
Gross kW Saved at Customer	(N x M)	516 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**372 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	1,372,295 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	1,372,295 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	905,715 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**1,022,252 kWh**
UCT Net Benefits	(N x M x L)	**$121,080**
Utility Program Cost per kWh Lifetime		**$0.0272**
Utility Program Cost per kW at Gen		**$1,194**

SCHOOL EDUCATION KITS 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$26,336
Transmission & Distribution Capacity	$9,750
Marginal Energy	$283,178
Avoided Emissions	$12,624
Total Benefits	$331,888
Costs	
Utility Project Costs	
Total Incentive	$48,102
Internal Administration	$16,857
Third-Party Delivery	$72,387
Promotion	$2,700
M&V	$20,000
Subtotal	$160,046
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$160,046
Net Benefit (Cost)	$171,842
Benefit/Cost Ratio	2.07

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	15.37 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	18.45%
Gross Load Factor at Customer	E	19.04%
Net-to-Gross (Energy)	F	100.0%
Net-to-Gross (Demand)	G	100.0%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	85.134%
Installation Rate (Demand)	K	78.778%
UCT Net Benefit (Cost)	L	$395
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.1641 kW
Gross Annual kWh Saved at Customer	(B x E x C)	1,668 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	1,420 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	1,603 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.04 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.01 kW
Gross Annual kWh Saved at Customer	(B x E x M)	63 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	54 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	61 kWh

Program Summary All Participants

Total Participants	N	11,500
Total Budget	O	**$160,046**
Gross kW Saved at Customer	(N x M)	435 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**74 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	725,089 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	617,300 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	617,300 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**696,727 kWh**
UCT Net Benefits	(N x M x L)	**$171,842**
Utility Program Cost per kWh Lifetime		**$0.0149**
Utility Program Cost per kW at Gen		**$2,171**

RESIDENTIAL THERMOSTAT REWARDS 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$0
Transmission & Distribution Capacity	$7,107
Marginal Energy	$119,039
Avoided Emissions	$8,542
Total Benefits	$134,689
Costs	
Utility Project Costs	
Total Incentive	$70,625
Internal Administration	$70,000
Third-Party Delivery	$0
Promotion	$25,000
M&V	$0
Subtotal	$165,625
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$165,625
Net Benefit (Cost)	($30,936)
Benefit/Cost Ratio	0.81

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	9.23 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	40.53%
Gross Load Factor at Customer	E	4.69%
Net-to-Gross (Energy)	F	100.0%
Net-to-Gross (Demand)	G	100.0%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	-$24
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.4574 kW
Gross Annual kWh Saved at Customer	(B x E x C)	411 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	411 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	464 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.81 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.38 kW
Gross Annual kWh Saved at Customer	(B x E x M)	333 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	333 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	376 kWh

Program Summary All Participants

Total Participants	N	1,575
Total Budget	O	**$165,625**
Gross kW Saved at Customer	(N x M)	1,278 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**604 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	525,125 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	525,125 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	525,125 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**592,692 kWh**
UCT Net Benefits	(N x M x L)	**($30,936)**
Utility Program Cost per kWh Lifetime		**$0.0303**
Utility Program Cost per kW at Gen		**$274**

REFRIGERATOR RECYCLING 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$4,280
Transmission & Distribution Capacity	$5,991
Marginal Energy	$136,140
Avoided Emissions	$9,856
Total Benefits	$156,267
Costs	
Utility Project Costs	
Total Incentive	$109,750
Internal Administration	$10,458
Third-Party Delivery	$0
Promotion	$90,000
M&V	$0
Subtotal	$210,208
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$210,208
Net Benefit (Cost)	($53,941)
Benefit/Cost Ratio	0.74

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	7.53 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	73.92%
Gross Load Factor at Customer	E	59.97%
Net-to-Gross (Energy)	F	71.2%
Net-to-Gross (Demand)	G	64.4%
Transmission Loss Factor (Energy)	H	11.400%
Transmission Loss Factor (Demand)	I	14.300%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	-$285
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.5372 kW
Gross Annual kWh Saved at Customer	(B x E x C)	5,253 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	3,741 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	4,223 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.19 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.11 kW
Gross Annual kWh Saved at Customer	(B x E x M)	994 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	708 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	799 kWh

Program Summary All Participants

Total Participants	N	1,000
Total Budget	O	**$210,208**
Gross kW Saved at Customer	(N x M)	189 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**105 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	993,758 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	993,758 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	707,753 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**798,818 kWh**
UCT Net Benefits	(N x M x L)	**($53,941)**
Utility Program Cost per kWh Lifetime		**$0.0350**
Utility Program Cost per kW at Gen		**$2,001**

BUSINESS COMPREHENSIVE 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$1,323,496
Transmission & Distribution Capacity	$497,344
Marginal Energy	$9,908,285
Avoided Emissions	$475,506
Total Benefits	$12,204,631
Costs	
Utility Project Costs	
Total Incentive	$3,467,676
Internal Administration	$708,000
Third-Party Delivery	$3,777,000
Promotion	$301,000
M&V	$95,000
Subtotal	$8,348,676
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$8,348,676
Net Benefit (Cost)	$3,855,955
Benefit/Cost Ratio	1.46

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	16.95 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	76.95%
Gross Load Factor at Customer	E	62.82%
Net-to-Gross (Energy)	F	75.0%
Net-to-Gross (Demand)	G	73.4%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$624
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.6079 kW
Gross Annual kWh Saved at Customer	(B x E x C)	5,503 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	4,127 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	4,442 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	11.56 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	7.15 kW
Gross Annual kWh Saved at Customer	(B x E x M)	63,611 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	47,709 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	51,355 kWh

Program Summary All Participants

Total Participants	N	535
Total Budget	O	**$8,348,676**
Gross kW Saved at Customer	(N x M)	6,183 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**3,825 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	34,021,192 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	34,021,192 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	25,516,282 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**27,466,397 kWh**
UCT Net Benefits	(N x M x L)	**$3,855,955**
Utility Program Cost per kWh Lifetime		**$0.0179**
Utility Program Cost per kW at Gen		**$2,183**

BUILDING TUNE-UP 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$43
Transmission & Distribution Capacity	$70
Marginal Energy	$2,493
Avoided Emissions	$191
Total Benefits	$2,796
Costs	
Utility Project Costs	
Total Incentive	$15,000
Internal Administration	$3,000
Third-Party Delivery	$2,000
Promotion	$1,000
M&V	$0
Subtotal	$21,000
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$21,000
Net Benefit (Cost)	($18,204)
Benefit/Cost Ratio	0.13

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	7.00 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	48.44%
Gross Load Factor at Customer	E	89.97%
Net-to-Gross (Energy)	F	90.0%
Net-to-Gross (Demand)	G	90.0%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	-$8,731
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.4693 kW
Gross Annual kWh Saved at Customer	(B x E x C)	7,881 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	7,093 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	7,635 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	0.52 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	0.25 kW
Gross Annual kWh Saved at Customer	(B x E x M)	4,108 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	3,697 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	3,980 kWh

Program Summary All Participants

Total Participants	N	4
Total Budget	O	**$21,000**
Gross kW Saved at Customer	(N x M)	2 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**1 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	16,432 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	16,432 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	14,789 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**15,919 kWh**
UCT Net Benefits	(N x M x L)	**($18,204)**
Utility Program Cost per kWh Lifetime		**$0.1885**
Utility Program Cost per kW at Gen		**$21,093**

COOLING EFFICIENCY 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$73,628
Transmission & Distribution Capacity	$27,324
Marginal Energy	$309,223
Avoided Emissions	$13,387
Total Benefits	$423,562
Costs	
Utility Project Costs	
Total Incentive	$100,000
Internal Administration	$30,000
Third-Party Delivery	$400,000
Promotion	$10,000
M&V	$15,000
Subtotal	$555,000
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$555,000
Net Benefit (Cost)	($131,438)
Benefit/Cost Ratio	0.76

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	18.20 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	75.02%
Gross Load Factor at Customer	E	30.55%
Net-to-Gross (Energy)	F	78.3%
Net-to-Gross (Demand)	G	78.3%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	-$408
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.6319 kW
Gross Annual kWh Saved at Customer	(B x E x C)	2,676 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	2,094 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	2,254 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	3.47 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	2.23 kW
Gross Annual kWh Saved at Customer	(B x E x M)	9,284 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	7,265 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	7,820 kWh

Program Summary All Participants

Total Participants	N	93
Total Budget	O	**$555,000**
Gross kW Saved at Customer	(N x M)	322 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**207 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	862,483 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	862,483 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	674,893 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**726,473 kWh**
UCT Net Benefits	(N x M x L)	**($131,438)**
Utility Program Cost per kWh Lifetime		**$0.0420**
Utility Program Cost per kW at Gen		**$2,679**

CUSTOM EFFICIENCY 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$674,670
Transmission & Distribution Capacity	$235,514
Marginal Energy	$5,567,598
Avoided Emissions	$235,200
Total Benefits	$6,712,982
Costs	
Utility Project Costs	
Total Incentive	$1,500,000
Internal Administration	$300,000
Third-Party Delivery	$1,700,000
Promotion	$30,000
M&V	$35,000
Subtotal	$3,565,000
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$3,565,000
Net Benefit (Cost)	$3,147,982
Benefit/Cost Ratio	1.88

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	19.00 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	96.14%
Gross Load Factor at Customer	E	92.32%
Net-to-Gross (Energy)	F	78.3%
Net-to-Gross (Demand)	G	78.3%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$1,565
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.8098 kW
Gross Annual kWh Saved at Customer	(B x E x C)	8,087 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	6,328 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	6,812 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	69.37 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	57.16 kW
Gross Annual kWh Saved at Customer	(B x E x M)	561,036 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	439,011 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	472,563 kWh

Program Summary All Participants

Total Participants	N	29
Total Budget	O	**$3,565,000**
Gross kW Saved at Customer	(N x M)	2,012 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**1,658 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	16,270,047 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	16,270,047 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	12,731,312 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**13,704,318 kWh**
UCT Net Benefits	(N x M x L)	**$3,147,982**
Utility Program Cost per kWh Lifetime		**$0.0137**
Utility Program Cost per kW at Gen		**$2,151**

LIGHTING EFFICIENCY 2022 ELECTRIC GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$117,355
Transmission & Distribution Capacity	$46,456
Marginal Energy	$934,642
Avoided Emissions	$52,531
Total Benefits	$1,150,984
Costs	
Utility Project Costs	
Total Incentive	$352,676
Internal Administration	$175,000
Third-Party Delivery	$175,000
Promotion	$180,000
M&V	$15,000
Subtotal	$897,676
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$897,676
Net Benefit (Cost)	$253,308
Benefit/Cost Ratio	1.28

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	14.56 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	51.72%
Gross Load Factor at Customer	E	48.69%
Net-to-Gross (Energy)	F	70.9%
Net-to-Gross (Demand)	G	71.8%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$273
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.3995 kW
Gross Annual kWh Saved at Customer	(B x E x C)	4,265 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	3,023 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	3,254 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	3.56 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	1.45 kW
Gross Annual kWh Saved at Customer	(B x E x M)	15,190 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	10,766 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	11,589 kWh

Program Summary All Participants

Total Participants	N	261
Total Budget	O	**$897,676**
Gross kW Saved at Customer	(N x M)	928 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**377 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	3,958,619 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	3,958,619 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	2,805,699 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**3,020,128 kWh**
UCT Net Benefits	(N x M x L)	**$253,308**
Utility Program Cost per kWh Lifetime		**$0.0204**
Utility Program Cost per kW at Gen		**$2,379**

MOTORS & DRIVES — 2022 — ELECTRIC — GOAL

2022 Net Present Cost Benefit Summary

Analysis For All Participants

	Utility Cost Test ($Total)
Benefits	
System Benefits (Avoided Costs)	
Generation Capacity	$457,800
Transmission & Distribution Capacity	$187,981
Marginal Energy	$3,094,329
Avoided Emissions	$174,197
Total Benefits	$3,914,307
Costs	
Utility Project Costs	
Total Incentive	$1,500,000
Internal Administration	$200,000
Third-Party Delivery	$1,500,000
Promotion	$80,000
M&V	$30,000
Subtotal	$3,310,000
Participant Costs	
Costs	
Incremental Capital Costs	N/A
Incremental O&M Costs	N/A
Subtotal	N/A
Reductions to Costs	
Participant Rebates	N/A
Subtotal	N/A
Subtotal	N/A
Total Costs	$3,310,000
Net Benefit (Cost)	$604,307
Benefit/Cost Ratio	1.18

Note: Dollar values represent present value of impacts accumulated over the lifetime of the measures.

Input Summary and Totals

Program Inputs per Customer kW

Lifetime (Weighted on Generator kWh)	A	15.02 years
Annual Hours	B	8760
Gross Customer kW	C	1 kW
Generator Peak Coincidence Factor	D	71.99%
Gross Load Factor at Customer	E	50.51%
Net-to-Gross (Energy)	F	71.9%
Net-to-Gross (Demand)	G	68.7%
Transmission Loss Factor (Energy)	H	7.100%
Transmission Loss Factor (Demand)	I	8.700%
Installation Rate (Energy)	J	100.000%
Installation Rate (Demand)	K	100.000%
UCT Net Benefit (Cost)	L	$207
Net coincident kW Saved at Generator	**(G x C x K) x D / (1 - I)**	0.5325 kW
Gross Annual kWh Saved at Customer	(B x E x C)	4,425 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x C x J))**	3,183 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x C x J)) / (1 - H)**	3,426 kWh

Program Summary per Participant

Gross kW Saved at Customer	M	19.67 kW
Net coincident kW Saved at Generator	**(G x M x K) x D / (1 - I)**	10.66 kW
Gross Annual kWh Saved at Customer	(B x E x M)	87,058 kWh
Net Annual kWh Saved at Customer	**(F x (B x E x M x J))**	62,626 kWh
Net Annual kWh Saved at Generator	**(F x (B x E x M x J)) / (1 - H)**	67,413 kWh

Program Summary All Participants

Total Participants	N	148
Total Budget	O	**$3,310,000**
Gross kW Saved at Customer	(N x M)	2,918 kW
Net coincident kW Saved at Generator	**((G x M x K) x D / (1 - I)) x N**	**1,581 kW**
Gross Annual kWh Saved at Customer	(B x E x M) x N	12,913,611 kWh
Gross Installed Annual kWh Saved at Customer	**(B x E x M) x N x J**	12,913,611 kWh
Net Annual kWh Saved at Customer	(B x E x M) x N x J x F	9,289,590 kWh
Net Annual kWh Saved at Generator	**((B x E x M) / (1 - H)) x N x J x F**	**9,999,559 kWh**
UCT Net Benefits	(N x M x L)	**$604,307**
Utility Program Cost per kWh Lifetime		**$0.0220**
Utility Program Cost per kW at Gen		**$2,093**

Measure Description			High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				
Electric Product	Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Rebate Amount ($)	Average Baseline Product Cost ($)	Incremental Cost of Efficient Product ($)	Assumed Energy Cost ($/kWh)
Total													
Business													
Building Tune-Up													
NM - Small Building Tune-Up Study - E	NM - Small Building Tune-Up Study - E	Small Building Tune-up Study	Existing systems studied for opportunities	181,881	4,856	Existing systems	181,881	4,856	7.00	$7,000	$0	$8,000	$ 0.037
NM - Small Building Tune-Up Measure - E	NM - Small Building Tune-Up Measure - E	Small Building Tune-up Measure	Implemented Recommissioning measures	9,382	7,881	Existing systems	10,424	7,881	7.00	$0	$0	$25	$ 0.038
NM - Small Building Tune-Up Direct Install - E	NM - Small Building Tune-Up Direct Install - E	LED Interior Lamps	LED Interior Lamp	14	4,156	Incandescent or Halogen	34	4,156	14.69	$17	$0	$17	$ 0.039
NM - Small Building Tune-Up Direct Install - E	NM - Small Building Tune-Up Direct Install - E	Restroom Aerator	0.5 GPM Bathroom Faucet Aerator	4,500	66	2.2 GPM Bath Faucet Aerator	4,500	279	10.00	$10	$0	$10	$ 0.037
NM - Small Building Tune-Up Direct Install - E	NM - Small Building Tune-Up Direct Install - E	Smart Thermostat	Smart Thermostat	387	448	Manual or Programmable Thermostat	387	1,037	10.00	$175	$0	$175	$ 0.037
Cooling Efficiency													
NM - Cooling Efficiency - Prescriptive	DX Units <5.4 Tons NMx	DX Units < than 5.4 tons	Unit size 3.45 tons, 15.3 SEER & 12.4542 EER	3,324	2,007	Unit size 3.45 tons, 13 SEER & 11.18 EER	3,703	2,007	15.00	$262	$4,500	$758	$ 0.042
NM - Cooling Efficiency - Prescriptive	DX Units >=5.4 Tons NMx-RTU	DX Units 5.5-11.3 tons	Unit size 9.04 tons & 12.09 EER	8,973	1,382	Unit size 9.04 tons & 11.2 EER	9,686	1,382	15.00	$378	$13,500	$916	$ 0.044
NM - Cooling Efficiency - Prescriptive	DX Units >=5.4 Tons NMx-RTU	DX Units 11.4-19.9 tons	Unit size 17.49 tons & 12.36 EER	16,981	1,526	Unit size 17.49 tons & 11 EER	19,080	1,526	15.00	$895	$22,500	$2,169	$ 0.044
NM - Cooling Efficiency - Prescriptive	DX Units >=5.4 Tons NMx-RTU	DX Units 20-63.3 tons	Unit size 24.36 tons & 10.8 EER	27,067	1,603	Unit size 24.36 tons & 10 EER	29,232	1,603	15.00	$1,169	$45,000	$8,857	$ 0.043
NM - Cooling Efficiency - Prescriptive	DX Units >=5.4 Tons NMx-RTU	DX Units greater than 63.3 tons	Unit size 100 tons & 10.2 EER	117,647	1,622	Unit size 100 tons & 9.7 EER	123,711	1,622	15.00	$4,400	$187,500	$23,920	$ 0.043
NM - Cooling Efficiency - Prescriptive	RTU Economizer & DCV	RTU Economizer & Demand Control Ventilation	RTU with Demand Control	1,414	1,039	RTU with Standard Economizer	2,827	1,039	20.00	$197	$1,000	$1,500	$ 0.047
NM - Cooling Efficiency - Prescriptive	Water-source Heat Pumps	Water-source Heat Pumps	Unit size 2.9 tons, 17.1 SEER, 17.1 EER	2,035	555	Unit size 2.9 tons, 12 SEER, 12 EER	2,900	555	15.00	$342	$4,500	$580	$ 0.056
NM - Cooling Efficiency - Prescriptive	PTAC NMx	PTAC >= 7,000 BTUH to <=15,000 BTUH	Condensing Units size 0.71 tons, 11.95 EER	713	1,820	Condensing Units 0.71 tons, 10.7 EER	796	1,820	15.00	$42	$1,125	$60	$ 0.043
NM - Cooling Efficiency - Prescriptive	PTAC NMx	*PTAC < 7,000 BTUH*	Condensing Units size 0.58 tons, 11.95 EER	582	1,820	Condensing Units 0.58 tons, 11.7 EER	595	1,820	15.00	$34	$1,125	$49	$ 0.043
NM - Cooling Efficiency - Prescriptive	PTAC NMx	*PTAC > 15,000 BTUH*	Condensing Units size 1.26 tons, 11.95 EER	1,265	1,820	Condensing Units 1.26 tons, 9.3 EER	1,626	1,820	15.00	$74	$1,125	$106	$ 0.043
NM - Cooling Efficiency - Prescriptive	Screw/Scroll Chillers	*Scroll/Screw Chiller < 75 tons*	Chiller size 58.8 tons, 0.59 full load kW/ton, 0.48 IPLV	34,692	1,062	Chiller size 58.8 tons, 0.78 full load kW/ton, 0.63 IPLV	45,864	1,062	20.00	$2,817	$35,280	$5,880	$ 0.047
NM - Cooling Efficiency - Prescriptive	Screw/Scroll Chillers	*Scroll/Screw Chiller >= 75 tons to < 150 tons*	Chiller size 90 tons, 0.76 full load kW/ton, 0.60 IPLV	68,310	1,310	Chiller size 90 tons, 0.78 full load kW/ton, 0.62 IPLV	69,750	1,310	20.00	$720	$75,000	$9,000	$ 0.045
NM - Cooling Efficiency - Prescriptive	Screw/Scroll Chillers	*Scroll/Screw chiller >=150 to <300 tons*	Chiller size 225 tons, 0.57 full load kW/ton, 0.48 IPLV	128,250	1,191	Chiller size 225 tons, 0.68 full load kW/ton, 0.58 IPLV	153,000	1,191	20.00	$6,863	$108,000	$22,500	$ 0.046
NM - Cooling Efficiency - Prescriptive	Screw/Scroll Chillers	*scroll/screw chiller >= 300 tons*	Chiller size 300 tons, 0.52 full load kW/ton, 0.37 IPLV	155,100	2,226	Chiller size 300 tons, 0.62 full load kW/ton, 0.54 IPLV	186,000	2,226	20.00	$11,085	$210,000	$21,000	$ 0.042
NM - Cooling Efficiency - Prescriptive	Centrifugal Chillers	*Centrifugal Chillers < 150 tons*	Chiller size 125 tons, 0.60 full load kW/ton, 0.57 IPLV	75,000	1,117	Chiller size 125 tons, 0.63 full load kW/ton, 0.60 IPLV	79,250	1,117	25.00	$1,563	$75,000	$12,500	$ 0.046
NM - Cooling Efficiency - Prescriptive	Centrifugal Chillers	*Centrifugal Chillers >= 150 to < 300 tons*	Chiller size 225 tons, 0.55 full load kW/ton, 0.51 IPLV	123,032	1,310	Chiller size 225 tons, 0.63 full load kW/ton, 0.60 IPLV	142,650	1,310	25.00	$5,805	$135,000	$22,500	$ 0.045
NM - Cooling Efficiency - Prescriptive	Centrifugal Chillers	*Centrifugal Chillers >= 300 to < 600 tons*	Chiller size 500 tons, 0.50 full load kW/ton, 0.33 IPLV	248,000	3,521	Chiller size 500 tons, 0.58 full load kW/ton, 0.55 IPLV	288,000	3,521	25.00	$18,750	$255,000	$37,500	$ 0.040
NM - Cooling Efficiency - Prescriptive	Centrifugal Chillers	*Centrifugal Chillers >= 600 tons*	Chiller size 750 tons, 0.55 full load kW/ton, 0.53 IPLV	414,563	1,006	Chiller size 750 tons, 0.57 full load kW/ton, 0.54 IPLV	427,500	1,006	25.00	$5,934	$450,000	$56,250	$ 0.047
NM - Cooling Efficiency - Prescriptive	Air-Cooled Chillers	*Air-Cooled Chillers - avg. capacity 250 tons*	Air-cooled chiller, capacity 52 tons, 9.562 EER	61,176	1,055	Air-cooled chiller, capacity 52 tons,10.2 EER	65,258	1,055	20.00	$806	$250,000	$2,080	$ 0.047
NM - Cooling Efficiency - Prescriptive	Air-Cooled Chillers	*Air-Cooled Chillers - avg. capacity 250 tons*	Air-cooled chiller, capacity 250 tons, 9.562 EER	293,830	3,405	Air-cooled chiller, capacity 250 tons,10.21 EER	313,742	3,405	20.00	$4,906	$250,000	$10,000	$ 0.040
NM - Cooling Efficiency - Prescriptive	EC Motors - Display Case	*ECM - Medium Temp Display Case*	Electronically Communtated Motor (ECM)	35	8,760	Shaded Pole Motor	113	8,760	15.00	$40	$0	$88	$ 0.038
NM - Cooling Efficiency - Prescriptive	EC Motors - Display Case	*ECM - Low Temp Display Case*	Electronically Communtated Motor (ECM)	38	8,760	Shaded Pole Motor	124	8,760	15.00	$40	$0	$88	$ 0.038
NM - Cooling Efficiency - Prescriptive	EC Motors - Walk in Cooler	*ECM - Medium Temp Walk-in, Evap fan <= 15" Diameter*	Electronically Communtated Motor (ECM)	91	8,760	Shaded Pole Motor	235	8,760	15.00	$70	$0	$180	$ 0.038
NM - Cooling Efficiency - Prescriptive	EC Motors - Walk in Cooler	*ECM- Low Temp Walk-in, Evap fan <= 15" Diameter*	Electronically Communtated Motor (ECM)	100	8,328	Shaded Pole Motor	258	8,760	15.00	$70	$0	$180	$ 0.038
NM - Cooling Efficiency - Prescriptive	Anti-Sweat Heater	Anti-Sweat Heater Controls	Anti-Sweat Heater Controls	107	1,266	Anti-Sweat Heaters running constantly	129	8,760	12.00	$20	$0	$85	$ 0.037
NM - Cooling Efficiency - Prescriptive	No Heat Case Door NMx	No Heat Case Doors	No Heat Case Doors	0	8,760	Standard Door	175	8,760	12.00	$125	$0	$665	$ 0.038
NM - Cooling Efficiency - Prescriptive	New Medium Temperature Reach-In Case	New Medium-temp Enclosed Reach-In Case (per linear foot)	New Medium-temp Reach-In Cases with Doors	20	8,760	New Medium-temp Open Reach-In Cases	113	8,760	15.00	$70	$0	$338	$ 0.038
NM - Cooling Efficiency - Prescriptive	Evaporator Fan Motor Controller	Evap Fan Motor Controller	Evaporator Motor Fan Control	91	8,585	No Motor Fan Controls	130	8,585	15.00	$35	$0	$120	$ 0.038
NM - Cooling Efficiency - Prescriptive	Direct Evaporative Cooling	Tier 1 - Direct Evaporative Cooling-TOTAL	Standard Direct Evaporative Cooler	1,783	1,200	Standard Roof-top Unit	9,043	1,200	10.00	$746	$11,250	-$7,880	$ 0.046
NM - Cooling Efficiency - Prescriptive	VFD Chiller Retrofit	*VSD Chiller Retrofit*	Chiller size 378 tons, 0.59 full load kW/ton, 0.41 IPLV	154,879	1,310	Chiller size 378 tons, 0.58 full load kW/ton, 0.56 IPLV	211,036	1,310	20.00	$8,424	$0	$27,172	$ 0.045
NM - Cooling Efficiency - Prescriptive	LED Ref and Frz Cases 5' or 6' doors	*LED Ref and Frz Cases 5' or 6' Doors*	LED System	20	4,850	Fluorescent System	70	4,850	16.00	$50	$0	$164	$ 0.039
NM - Cooling Efficiency - Prescriptive	Commercial Dishwasher - Electric Water Heating	*Commercial Dishwasher - Under Counter, Electric Only*	ENERGY STAR qualified unit	1,085	6,570	Conventional unit as defined by ENERGY STAR	1,470	6,570	10.00	$175	$4,960	$106	$ 0.038
NM - Cooling Efficiency - Prescriptive	Commercial Dishwasher - Electric Water Heating	*Commercial Dishwasher - Door Type, Electric Only*	ENERGY STAR qualified unit	3,463	6,570	Conventional unit as defined by ENERGY STAR	5,194	6,570	15.00	$196	$6,786	$550	$ 0.038
NM - Cooling Efficiency - Prescriptive	Hot Food Holding Cabinet	Hot Food Holding Cabinet	ENERGY STAR qualified unit	230	5,475	Conventional unit as defined by ENERGY STAR	504	5,475	12.00	$200	$2,069	$1,713	$ 0.039
NM - Cooling Efficiency - Prescriptive	Demand Controlled Ventilation	Demand Contolled Ventilation	Commercial kitchen ventilation hoods with Demand Controlled Ventilation with 8.65 HP Motor	11,766	3,307	Commercial kitchen ventilation hoods without Demand Controlled Ventilation with 8.65 HP Motor	19,597	3,307	20.00	$865	$0	$19,759	$ 0.040
NM - Cooling Efficiency - Prescriptive	Ductless Mini-Splits	Mini-Split Heat Pump	MSHP size 1.2 tons, 21.27 SEER, 11.50 HSPF	1,088	1,027	MSHP size 1.2 tons, 14 SEER, 8.2 HSPF	1,647	1,027	18.00	$173	$3,440	$512	$ 0.047
NM - Cooling Efficiency - Prescriptive	Ductless Mini-Splits	*Mini-Split AC - Data Center*	MSHP size 1.2 tons, 21.27 SEER	1,088	5,236	MSHP size 1.2 tons, 14 SEER	1,647	5,236	18.00	$108	$3,440	$512	$ 0.039
Custom Efficiency													
NM - Custom Efficiency	NM - Custom Efficiency	*Custom Custom*	High Efficiency Product/Systems	163,937	6,570	Less Efficient Product/Systems	204,921	6,570	19	14,699	0	53,985	0
NM - Custom Efficiency - Cooling	NM - Custom Efficiency - Cooling	*Custom Cooling*	High Efficiency Product/Systems	100,143	6,248	Less Efficient Product/Systems	125,179	6,248	19	9,821	0	32,937	0
NM - Custom Efficiency - Lighting	NM - Custom Efficiency - Lighting	Custom Lighting	High Efficiency Product/Systems	60,936	4,715	Less Efficient Product/Systems	76,170	4,715	19.00	$6,275	$0	$20,170	$ 0.039
NM - Custom Effciency - Motors	NM - Custom Efficiency - Motors	Custom Motors	High Efficiency Product/Systems	528,184	8,579	Less Efficient Product/Systems	660,230	8,579	19.00	$50,431	$0	$171,736	$ 0.038
Lighting Efficiency													
NM - Lighting Efficiency Rebate	LED Interior Lamp (Incandescant Baseline)	LED Interior Lamp (Incandescant Baseline)	LED Interior Lamp	7	2,791	EISA Tier 2	15	2,791	14.74	$6	$2	$13	$ 0.041
NM - Lighting Efficiency Rebate	Network Lighting Controls	Network Lighting Controls	Networked Lighting Controls	33	4,107	Manual Switch	62	4,107	8.00	$25	$0	$98	$ 0.039
NM - Lighting Efficiency Rebate	LED Linear Ambient	*LED Linear Ambient*	LED Linear Ambients	59	4,107	Fluorescent Fixture	100	4,107	15.80	$27	$13	$168	$ 0.039
NM - Lighting Efficiency Rebate	LED Mogul-Base Lamps	*LED High Bay Mogul-Base Lamps*	LED High Bay Replacement Lamp	98	3,071	HID Lamp	339	3,071	14.74	$25	$60	$101	$ 0.040
NM - Lighting Efficiency Rebate	Standalone Controls	*Standalone Controls*	Sensor	156	4,055	Manual Switch	210	4,055	8.00	$13	$0	$117	$ 0.039
NM - Lighting Efficiency Rebate	Stairwell Fixtures	*Stairwell Fixtures*	LED Stairwell Fixture	28	8,413	Fluorescent Fixture	58	8,413	15.80	$40	$0	$277	$ 0.038
NM - Lighting Efficiency Rebate	LED Interior Screw In Fixture Retrofit	*LED Interior Screw In Fixture Retrofit*	LED Screw-In Fixture	15	4,443	Incandescent Lamp	61	4,443	15.80	$10	$0	$24	$ 0.039
NM - Lighting Efficiency Rebate	LED/LEC Exit Sign	LED/LEC Exit Sign	LED Exit Sign	2	8,760	Incandescent Exit Sign	40	8,760	15.80	$25	$0	$84	$ 0.038
NM - Lighting Efficiency Rebate	LED Interior Fixture	LED Interior Fixture	LED Downlight Fixture	21	4,766	Incandescent/CFL Fixture	64	4,766	15.80	$18	$0	$118	$ 0.039
NM - Lighting Efficiency Rebate	LED Outdoor Canopy and Soffit Lighting	LED Outdoor Canopy and Soffit Lighting	LED Canopy/Soffit Fixture	58	4,153	HID Fixture	176	4,153	15.80	$56	$0	$267	$ 0.039

	Stipulated Output								Economic Assumptions		Technical Assumption	2020		2021		2022				
Electric Measure Description	Rebate as a % of Incremental Cost (%)	Incremt'l Cost Payback Period w/o Rebate (yrs)	Incremt'l Cost Payback Period w/ Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved ($/kWh)	Rebated Lifetime cost /Cust KWh Saved ($/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings ($)	Energy O&M Savings ($)	Coincidence Factor (%)	2020 Participants (-)	2020 Units (-)	2021 Participants (-)	2021 Units (-)	2022 Participants (-)	2022 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)
Small Building Tune-up Study	88%	N/A	N/A	0	N/A	N/A	0.000	0.000	$0.00	$0.00	57.0%	2	2	2	2	2	2	100%	100%	100%
Small Building Tune-up Measure	0%	0.1	0.08	8,216	$0.00	$0.00	1.043	0.553	$0.00	$0.00	48.4%	4	4	4	4	2	2	90%	100%	100%
LED Interior Lamps	100%	5.4	0.00	81	$0.21	$0.01	0.019	0.017	$0.00	-$0.02	77.9%	0	0	0	0	0	0	78%	100%	100%
Restroom Aerator	100%	0.1	0.00	960	$0.01	$0.00	0.000	0.000	$38.50	$0.00	0.0%	0	0	0	0	0	0	78%	100%	100%
Smart Thermostat	100%	12.9	0.00	228	$0.77	$0.08	0.000	0.000	$0.00	$5.20	0.0%	0	0	0	0	0	0	100%	100%	100%
DX Units < than 5.4 tons	35%	23.7	15.49	760	$0.34	$0.02	0.379	0.415	$0.00	$0.00	100.0%	5	10	5	10	7	60	78%	100%	100%
DX Units 5.5-11.3 tons	41%	20.9	12.29	986	$0.38	$0.03	0.713	0.781	$0.00	$0.00	100.0%	2	2	2	2	2	10	78%	100%	100%
DX Units 11.4-19.9 tons	41%	15.5	9.09	3,204	$0.28	$0.02	2.099	2.299	$0.00	$0.00	100.0%	2	2	2	2	2	10	78%	100%	100%
DX Units 20-63.3 tons	13%	58.8	51.04	3,472	$0.34	$0.02	2.165	2.372	$0.00	$0.00	100.0%	3	3	3	3	1	5	78%	100%	100%
DX Units greater than 63.3 tons	18%	56.1	45.82	9,837	$0.45	$0.03	6.064	6.642	$0.00	$0.00	100.0%	1	1	1	1	1	1	78%	100%	100%
RTU Economizer & Demand Control Ventilation	13%	21.7	18.89	1,469	$0.13	$0.01	1.414	1.393	$0.00	$0.00	90.0%	1	1	1	1	1	1	78%	100%	100%
Water-source Heat Pumps	59%	21.7	8.88	480	$0.71	$0.05	0.865	0.853	$0.00	$0.00	90.0%	1	1	1	1	1	1	78%	100%	100%
PTAC >= 7,000 BTUH to <=15,000 BTUH	70%	9.2	2.75	152	$0.28	$0.02	0.083	0.051	$0.00	$0.00	56.0%	1	1	1	1	1	1	78%	100%	100%
PTAC < 7,000 BTUH	70%	50.5	15.03	23	$1.51	$0.10	0.012	0.008	$0.00	$0.00	56.0%	4	125	4	125	1	1	78%	100%	100%
PTAC > 15,000 BTUH	70%	3.8	1.13	656	$0.11	$0.01	0.361	0.221	$0.00	$0.00	56.0%	1	1	1	1	1	1	78%	100%	100%
Scroll/Screw Chiller < 75 tons	48%	10.6	5.53	11,862	$0.24	$0.01	11.172	11.013	$0.00	$0.00	90.0%	0	0	0	0	0	0	78%	100%	100%
Scroll/Screw Chiller >= 75 tons to < 150 tons	8%	106.4	97.85	1,886	$0.38	$0.02	1.440	1.419	$0.00	$0.00	90.0%	1	1	1	1	1	1	78%	100%	100%
Scroll/Screw chiller >=150 to <300 tons	31%	16.7	11.62	29,475	$0.23	$0.01	24.750	24.398	$0.00	$0.00	90.0%	1	1	1	1	1	1	78%	100%	100%
scroll/screw chiller >= 300 tons	53%	7.3	3.47	68,775	$0.16	$0.01	30.900	30.460	$0.00	$0.00	90.0%	0	0	0	0	0	0	78%	100%	100%
Centrifugal Chillers < 150 tons	13%	56.9	49.81	4,749	$0.33	$0.01	4.250	4.189	$0.00	$0.00	90.0%	1	1	1	1	1	1	78%	100%	100%
Centrifugal Chillers >= 150 to < 300 tons	26%	19.5	14.48	25,700	$0.23	$0.01	19.618	19.339	$0.00	$0.00	90.0%	0	0	0	0	0	0	78%	100%	100%
Centrifugal Chillers >= 300 to < 600 tons	50%	6.7	3.34	140,825	$0.13	$0.01	40.000	39.869	$0.00	$0.00	91.0%	1	1	1	1	1	1	78%	100%	100%
Centrifugal Chillers >= 600 tons	11%	91.4	81.75	13,018	$0.46	$0.02	12.937	12.753	$0.00	$0.00	90.0%	0	0	0	0	0	0	78%	100%	100%
Air-Cooled Chillers - avg. capacity 250 tons	39%	10.3	6.32	4,306	$0.19	$0.01	4.082	3.085	$0.00	$0.00	69.0%	1	1	1	1	1	1	78%	100%	100%
Air-Cooled Chillers - avg. capacity 250 tons	49%	3.7	1.88	67,803	$0.07	$0.00	19.912	0.000	$0.00	$0.00	0.0%	1	1	1	1	1	1	78%	100%	100%
ECM - Medium Temp Display Case	45%	3.4	1.84	686	$0.06	$0.00	0.078	0.086	$0.00	$0.00	100.0%	10	45	10	45	1	5	78%	100%	100%
ECM - Low Temp Display Case	45%	3.1	1.68	753	$0.05	$0.00	0.086	0.094	$0.00	$0.00	100.0%	10	45	10	45	1	1	78%	100%	100%
ECM - Medium Temp Walk-in, Evap fan <= 15" Diameter	39%	3.8	2.30	1,260	$0.06	$0.00	0.144	0.158	$0.00	$0.00	100.0%	10	30	10	30	3	30	78%	100%	100%
ECM- Low Temp Walk-in, Evap fan <= 15" Diameter	39%	3.3	2.03	1,426	$0.05	$0.00	0.158	0.173	$0.00	$0.00	100.0%	10	30	10	30	3	30	78%	100%	100%
Anti-Sweat Heater Controls	24%	2.3	1.76	998	$0.02	$0.00	0.023	0.025	$0.00	$0.00	100.0%	2	31	2	31	1	1	78%	100%	100%
No Heat Case Doors	19%	11.4	9.26	1,533	$0.08	$0.01	0.175	0.192	$0.00	$0.00	100.0%	2	5	2	5	2	5	78%	100%	100%
New Medium-temp Enclosed Reach-In Case (per linear foot)	21%	10.9	8.64	814	$0.09	$0.01	0.093	0.102	$0.00	$0.00	100.0%	2	5	2	5	2	5	78%	100%	100%
Evap Fan Motor Controller	29%	9.4	6.65	335	$0.10	$0.01	0.039	0.013	$0.00	$0.00	29.4%	5	20	5	20	5	5	78%	100%	100%
Tier 1 - Direct Evaporative Cooling-TOTAL	-9%	22.6	24.69	8,708	$0.09	$0.01	7.259	7.156	-$746.42	$0.00	90.0%	4	4	4	4	4	4	78%	100%	100%
VSD Chiller Retrofit	31%	8.2	5.68	73,566	$0.11	$0.01	56.157	-2.084	$0.00	$0.00	-3.4%	0	0	0	0	0	0	78%	100%	100%
LED Ref and Frz Cases 5' or 6' Doors	31%	17.5	12.15	240	$0.21	$0.01	0.050	0.045	$0.00	$0.00	83.0%	12	60	12	60	5	5	78%	100%	100%
Commercial Dishwasher - Under Counter, Electric Only	165%	0.6	-0.39	2,535	$0.07	$0.01	0.386	0.362	$31.63	$46.46	85.6%	0	0	0	0	0	0	78%	100%	100%
Commercial Dishwasher - Door Type, Electric Only	36%	0.8	0.54	11,369	$0.02	$0.00	1.730	1.622	$195.12	$18.22	85.6%	0	0	0	0	0	0	78%	100%	100%
Hot Food Holding Cabinet	12%	29.4	25.99	1,502	$0.13	$0.01	0.274	0.257	$0.00	$0.00	85.6%	0	0	0	0	0	0	78%	100%	100%
Demand Contolled Ventilation	4%	10.1	9.62	25,896	$0.03	$0.00	7.831	4.242	$0.00	$927.67	49.5%	12	12	12	12	12	12	78%	100%	100%
Mini-Split Heat Pump	34%	19.0	12.54	574	$0.30	$0.02	0.559	0.551	$0.00	$0.00	90.0%	30	30	30	30	30	30	78%	100%	100%
Mini-Split AC - Data Center	21%	4.5	3.56	2,926	$0.04	$0.00	0.559	0.612	$0.00	$0.00	100.0%	0	11	0	11	0	11	78%	100%	100%
Custom Custom	27%	4.3	3.12	269,254	0	0	40.98424	37.12796	2,243	0	1	2	2	3	3	2	2	78%	100%	100%
Custom Cooling	30%	4.9	3.47	156,421	0	0	25.03574	23.66241	637	0	1	0	0	0	0	0	0	78%	100%	100%
Custom Lighting	31%	7.2	4.95	71,821	$0.09	$0.00	15.234	13.382	$0.00	$0.00	80.2%	20	20	22	22	14	14	78%	100%	100%
Custom Motors	29%	3.5	2.45	1,132,773	$0.04	$0.00	132.046	142.834	$6,375.00	$0.00	98.8%	2	2	3	3	13	13	78%	100%	100%
LED Interior Lamp (Incandescant Baseline)	47%	14.5	7.74	22	$0.27	$0.02	0.008	0.006	$0.00	-$0.01	72.3%	4	51	4	200	4	5,000	70%	100%	100%
Network Lighting Controls	26%	20.8	15.48	120	$0.21	$0.03	0.029	0.027	$0.00	-$0.03	84.0%	0	0	2	2	2	3	70%	100%	100%
LED Linear Ambient	16%	24.2	20.36	168	$0.16	$0.01	0.041	0.035	$0.36	-$0.04	78.2%	9	70	11	84	11	100	70%	100%	100%
LED High Bay Mogul-Base Lamps	25%	3.4	2.56	742	$0.03	$0.00	0.242	0.185	$0.00	-$0.10	70.0%	2	40	2	200	2	200	70%	100%	100%
Standalone Controls	11%	13.6	12.07	219	$0.06	$0.01	0.054	0.046	$0.00	-$0.05	78.3%	3	20	3	10	3	10	70%	100%	100%
Stairwell Fixtures	14%	29.1	24.91	252	$0.16	$0.01	0.030	0.033	$0.00	-$0.06	100.0%	1	1	1	100	1	50	70%	100%	100%
LED Interior Screw In Fixture Retrofit	42%	3.0	1.76	203	$0.05	$0.00	0.046	0.041	$0.00	-$0.05	81.6%	2	10	2	10	2	200	70%	100%	100%
LED/LEC Exit Sign	30%	6.6	4.66	333	$0.08	$0.00	0.038	0.042	$0.00	$0.00	100.0%	2	2	2	2	2	90	70%	100%	100%
LED Interior Fixture	15%	14.8	12.53	207	$0.09	$0.01	0.043	0.039	$0.00	-$0.05	81.2%	2	11	3	60	3	150	70%	100%	100%
LED Outdoor Canopy and Soffit Lighting	21%	13.9	10.95	490	$0.11	$0.01	0.118	0.000	$0.00	$0.00	0.0%	3	50	3	50	2	20	70%	100%	100%

	Program Forecast Outputs									
	2020			2021			2022			
Electric Measure Description	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget ($)	2021 NET Gen kW (kW)	2021 NET Gen kWh (kWh)	2021 Rebate Budget ($)	2022 NET Gen kW (kW)	2022 NET Gen kWh (kWh)	2022 Rebate Budget ($)	Measure Load Shape
	6,902	46,415,726	4,088,050	7,313	49,600,697	4,465,838	9,980	62,250,680	5,197,826	
Small Building Tune-up Study	0.000	0	$14,000	0.000	0	$14,000	0.000	0	$14,000	NM-BUS-RECM_OUT
Small Building Tune-up Measure	1.991	31,838	$0	1.991	31,838	$0	0.996	15,919	$0	NM-BUS-RECM_OUT
LED Interior Lamps	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-Light Screw In
Restroom Aerator	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-CUSTOM_
Smart Thermostat	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-RECM_OUT
DX Units < than 5.4 tons	3.247	6,405	$2,622	3.247	6,405	$2,622	19.483	38,429	$15,732	NM-BUS-COOL_OUT
DX Units 5.5-11.3 tons	1.222	1,661	$756	1.222	1,661	$756	6.111	8,303	$3,779	NM-BUS-COOL_OUT
DX Units 11.4-19.9 tons	3.599	5,398	$1,791	3.599	5,398	$1,791	17.993	26,991	$8,955	NM-BUS-COOL_OUT
DX Units 20-63.3 tons	5.567	8,773	$3,508	5.567	8,773	$3,508	9.279	14,621	$5,846	NM-BUS-COOL_OUT
DX Units greater than 63.3 tons	5.197	8,286	$4,400	5.197	8,286	$4,400	5.197	8,286	$4,400	NM-BUS-COOL_OUT
RTU Economizer & Demand Control Ventilation	1.090	1,237	$197	1.090	1,237	$197	1.090	1,237	$197	NM-BUS-COOL_OUT
Water-source Heat Pumps	0.667	404	$342	0.667	404	$342	0.667	404	$342	NM-BUS-COOL_OUT
PTAC >= 7,000 BTUH to <=15,000 BTUH	0.040	128	$42	0.040	128	$42	0.040	128	$42	NM-BUS-COOL_OUT
PTAC < 7,000 BTUH	0.747	2,385	$4,278	0.747	2,385	$4,278	0.006	19	$34	NM-BUS-COOL_OUT
PTAC > 15,000 BTUH	0.173	553	$74	0.173	553	$74	0.173	553	$74	NM-BUS-COOL_OUT
Scroll/Screw Chiller < 75 tons	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
Scroll/Screw Chiller >= 75 tons to < 150 tons	1.111	1,589	$720	1.111	1,589	$720	1.111	1,589	$720	NM-BUS-COOL_OUT
Scroll/Screw chiller >=150 to <300 tons	19.091	24,827	$6,863	19.091	24,827	$6,863	19.091	24,827	$6,863	NM-BUS-COOL_OUT
scroll/screw chiller >= 300 tons	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
Centrifugal Chillers < 150 tons	3.278	4,000	$1,563	3.278	4,000	$1,563	3.278	4,000	$1,563	NM-BUS-COOL_OUT
Centrifugal Chillers >= 150 to < 300 tons	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
Centrifugal Chillers >= 300 to < 600 tons	31.197	118,617	$18,750	31.197	118,617	$18,750	31.197	118,617	$18,750	NM-BUS-COOL_OUT
Centrifugal Chillers >= 600 tons	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
Air-Cooled Chillers - avg. capacity 250 tons	2.414	3,627	$806	2.414	3,627	$806	2.414	3,627	$806	NM-BUS-COOL_OUT
Air-Cooled Chillers - avg. capacity 250 tons	0.000	57,110	$4,906	0.000	57,110	$4,906	0.000	57,110	$4,906	NM-BUS-COOL_OUT
ECM - Medium Temp Display Case	3.021	26,009	$1,800	3.021	26,009	$1,800	0.336	2,890	$200	NM-BUS-FLAT
ECM - Low Temp Display Case	3.317	28,555	$1,800	3.317	28,555	$1,800	0.074	635	$40	NM-BUS-FLAT
ECM - Medium Temp Walk-in, Evap fan <= 15" Diameter	3.697	31,832	$2,100	3.697	31,832	$2,100	3.697	31,832	$2,100	NM-BUS-FLAT
ECM- Low Temp Walk-in, Evap fan <= 15" Diameter	4.059	36,043	$2,100	4.059	36,043	$2,100	4.059	36,043	$2,100	NM-BUS-COOL_OUT
Anti-Sweat Heater Controls	0.604	26,064	$620	0.604	26,064	$620	0.019	841	$20	NM-BUS-COOL_OUT
No Heat Case Doors	0.750	6,456	$625	0.750	6,456	$625	0.750	6,456	$625	NM-BUS-COOL_OUT
New Medium-temp Enclosed Reach-In Case (per linear foot)	0.398	3,428	$350	0.398	3,428	$350	0.398	3,428	$350	NM-BUS-FLAT
Evap Fan Motor Controller	0.197	5,639	$700	0.197	5,639	$700	0.049	1,410	$175	NM-BUS-COOL_OUT
Tier 1 - Direct Evaporative Cooling-TOTAL	22.399	29,339	$2,986	22.399	29,339	$2,986	22.399	29,339	$2,986	NM-BUS-COOL_OUT
VSD Chiller Retrofit	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
LED Ref and Frz Cases 5' or 6' Doors	2.113	12,135	$3,000	2.113	12,135	$3,000	0.176	1,011	$250	NM-BUS-FLAT
Commercial Dishwasher - Under Counter, Electric Only	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-FOODSVC
Commercial Dishwasher - Door Type, Electric Only	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-FOODSVC
Hot Food Holding Cabinet	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-FOODSVC
Demand Contolled Ventilation	39.834	261,748	$10,380	39.834	261,748	$10,380	39.834	261,748	$10,380	NM-BUS-COOL_OUT
Mini-Split Heat Pump	12.892	14,459	$5,184	12.892	14,459	$5,184	12.892	14,459	$5,184	NM-BUS-COOL_OUT
Mini-Split AC - Data Center	5.372	27,639	$1,209	5.372	27,639	$1,209	5.372	27,639	$1,209	NM-BUS-COOL_OUT
Custom Custom	58.105	453,587	$29,398	87.158	680,381	$44,096	58.105	453,587	$29,398	NM-BUS-CUSTOM_
Custom Cooling	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-BUS-COOL_OUT
Custom Lighting	209.422	1,209,903	$125,497	230.365	1,330,893	$138,047	146.596	846,932	$87,848	NM-BUS-LIGHTING
Custom Motors	223.536	1,908,277	$100,863	335.304	2,862,415	$151,294	1,452.984	12,403,799	$655,608	NM-BUS-MTRS_OUT
LED Interior Lamp (Incandescant Baseline)	0.220	832	$301	0.858	3,252	$1,176	21.444	81,288	$29,395	NM-BUS-Light Troffer
Network Lighting Controls	0.000	0	$0	0.038	182	$50	0.057	272	$75	NM-BUS-Light-Network-Controls
LED Linear Ambient	1.717	8,860	$1,855	2.061	10,632	$2,226	2.453	12,657	$2,650	NM-BUS-Light Troffer
LED High Bay Mogul-Base Lamps	5.185	22,358	$1,000	25.924	111,792	$5,000	25.924	111,792	$5,000	NM-BUS-Light High Bay
Standalone Controls	0.647	3,294	$268	0.323	1,647	$134	0.323	1,647	$134	NM-BUS-Light-Sensor
Stairwell Fixtures	0.023	190	$40	2.294	18,969	$4,000	1.147	9,485	$2,000	NM-BUS-Light Flat
LED Interior Screw In Fixture Retrofit	0.286	1,531	$100	0.286	1,531	$100	5.721	30,616	$2,000	NM-BUS-Light Troffer
LED/LEC Exit Sign	0.047	401	$40	0.058	502	$50	2.622	22,574	$2,250	NM-BUS-Light Flat
LED Interior Fixture	0.292	1,684	$193	1.622	9,358	$1,073	4.054	23,394	$2,682	NM-BUS-Light Troffer
LED Outdoor Canopy and Soffit Lighting	0.000	18,454	$2,800	0.000	18,454	$2,800	0.000	7,382	$1,120	NM-BUS-RECM_OUT

Measure Description			High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				
Electric Product	Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Rebate Amount ($)	Average Baseline Product Cost ($)	Incremental Cost of Efficient Product ($)	Assumed Energy Cost ($/kWh)
Total													
NM - Lighting Efficiency Rebate	LED Parking Garage Lighting	LED Parking Garage Lighting	LED Parking Garage Fixture	72	8,760	HID Fixture	241	8,760	15.80	$150	$0	$314	$ 0.038
NM - Lighting Efficiency Rebate	LED Exterior Wall Pack	LED Exterior Wall Pack	LED Wall Pack Fixture	57	4,153	HID Wall Pack Fixture	305	4,153	15.80	$77	$0	$253	$ 0.039
NM - Lighting Efficiency Rebate	LED Parking Garage Wall Pack	LED Parking Garage Wall Pack	LED Wall Pack Fixture	15	8,760	HID Wall Pack Fixture	112	8,760	15.80	$35	$0	$268	$ 0.038
NM - Lighting Efficiency Rebate	LED Ref and Frz Cases 5' or 6' doors	LED Ref and Frz Cases 5' or 6' Doors	LED System	36	4,780	Fluorescent System	115	4,780	15.80	$50	$0	$164	$ 0.039
NM - Lighting Efficiency Rebate	LED Troffer Fixture or Kit	LED Troffer Fixture or Kit	LED Troffer Fixtures/Kits	43	3,693	Fluorescent Fixtures	104	3,693	15.80	$30	$0	$166	$ 0.040
NM - Lighting Efficiency Rebate	LED PL/G Based Lamp	LED PL/G Based Lamp	LED PL Lamp	14	5,906	CFL Lamp	42	5,906	14.74	$7	$8	$10	$ 0.039
NM - Lighting Efficiency Rebate	LED High Bay Fixture	LED High Bay Fixture	LED High-Bay Luminaires	269	3,376	HID or Fluorescent Fixture	596	3,376	15.80	$165	$0	$500	$ 0.040
NM - Lighting Efficiency Rebate	LED Area Lighting	LED Area Lighting	LED Area Light	225	4,153	HID Fixture	833	4,153	15.80	$223	$0	$792	$ 0.039
NM - Lighting Efficiency Rebate	LED Tubes (Linear Lamps)	LED Tubes (Linear Lamps)	LED Linear Lamp	15	4,196	Fluorescent Lamp	33	4,196	14.74	$3	$2	$12	$ 0.039
NM - Direct Install	LED Interior Lamps	*LED Interior Lamps*	LED Interior Lamp	14	4,156	Incandescent or Halogen	34	4,156	13.70	$17	$0	$17	$ 0.039
NM - Direct Install	LED Tubes (Linear Lamps)	*LED Tubes (Linear Lamps) DI*	LED Linear Tube	15	4,277	Fluorescent Tube	33	4,277	14.87	$15	$0	$15	$ 0.039
NM - Direct Install	Restroom Aerator	*Restroom Aerator*	0.5 GPM Bathroom Faucet Aerator	4,500	66	2.2 GPM Bath Faucet Aerator	4,500	279	10.00	$10	$0	$10	$ 0.037
NM - Direct Install	Pre-rinse Sprayer	*Pre-rinse Sprayer*	1.25 GPM Pre-rinse Sprayer	4,500	2,352	2.25 GPM Pre-rinse Sprayer	4,500	3,975	5.00	$130	$0	$130	$ 0.037
NM - Direct Install	Kitchen Aerator	*Kitchen Aerator*	1.5 GPM Kitchen Hand Wash Lavatory Faucet Aerator	4,500	135	2.2 GPM Bath Faucet Aerator	4,500	198	10.00	$7	$0	$7	$ 0.037
NM - Lighting Efficiency New Construction	New Construction - Lighting Power Density	*New Construction - Lighting Power Density*	Savings in addition to Code Maximum LPD	13,420	3,044	Code Maximum LPD	30,674	3,044	15.00	$6,902	$0	$21,535	$ 0.040
Motors & Drives													
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	*New Motor Enhanced (NEMA Premium +1%)*	New Motor Enhanced (NEMA Premium +1%)	1,384	2,906	NEMA Premium	1,400	2,906	20.00	$24	$682	$150	$ 0.034
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	*Upgrade Motor Enhanced (NEMA Premium +1%)*	Upgrade Motor Enhanced (NEMA Premium +1%)	2,822	4,014	EPACT Efficient Motor	2,915	4,014	20.00	$89	$0	$1,012	$ 0.032
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	*Variable Frequency Drive (Motors VFD v2)*	Variable Frequency Drive (Motors VFD v2)	18,966	5,317	Equipment without an ASD/VFD	28,856	5,317	15.00	$4,527	$0	$9,487	$ 0.031
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	*Water Well Pump VFDs (Water Well Pump v2)*	Water Well Pump VFDs (Water Well Pump v2)	52,695	2,321	Throttled Well Pump	74,511	2,321	15.00	$6,913	$0	$15,720	$ 0.035
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	Constant Speed Motor Controller	Constant Speed Motor Controller	4,435	4,881	Motor without Voltage Controller	5,252	4,881	18.00	$325	$0	$1,104	$ 0.031
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	HVAC VFD (NM HVAC VFD)	HVAC VFD (NM HVAC VFD)	3,503	7,245	Equipment without an ASD/VFD	5,765	7,245	15.00	$1,294	$0	$2,737	$ 0.030
NM - Motors and Drives - Prescriptive	NM - Motors and Drives - Prescriptive	Pump Off Controller	Pump Off Controller	147	6,132	% Clock Off Controller	2,283	6,132	13.00	$3,000	$0	$5,959	$ 0.030
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	Cycling Dryers	Cycling Dryers	645	7,269	New Non-Cycling Dryer	1,853	7,269	20.00	$371	$4,439	$832	$ 0.030
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	Dew Point Controls	Dew Point Controls	18,336	7,224	No Purge Control for Heatless Dessicant Dryers	24,966	7,224	15.00	$1,000	$0	$3,316	$ 0.030
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	Mist Eliminators	Mist Eliminators	70,738	7,656	New General Purpose Filter	71,906	7,656	11.00	$1,980	$1,280	$4,327	$ 0.029
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	No Air Loss Drain	No Air Loss Drain	0	7,523	New Electronic Solenoid/Timed Drains	517	7,523	13.00	$200	$125	$323	$ 0.030
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	VFD Compressor New	VFD Compressor New	13,383	2,830	New Modulation or load no-load with less than or equal to 2gal of storage per CFM of Capacity	19,165	2,830	20.00	$2,500	$10,767	$4,730	$ 0.034
NM - Compressed Air Prescriptive	NM - Compressed Air Prescriptive	VFD Compressor Upgrade	VFD Compressor Upgrade	11,728	2,655	Existing Modulation or load no-load with less than or equal to 2gal of storage per CFM of Capacity	17,114	2,655	20.00	$5,188	$0	$15,754	$ 0.034
Residential													
Energy Feedback													
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Rollup: Online Energy Feedback & Tools	Treatment	1,345	8,760	Control	1,347	8,760	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Feedback Report - Legacy Participant Group 2020	Treatment	1,302	4,187	Control	1,347	4,187	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Refill 2020 Group	Treatment	1,302	3,156	Control	1,347	3,156	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Feedback Report - Legacy Participant Group 2021	Treatment	1,302	3,862	Control	1,347	3,862	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Refill 2021 Group	Treatment	1,309	3,156	Control	1,347	3,156	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Feedback Report - Legacy Participant Group 2022	Treatment	1,302	3,941	Control	1,347	3,941	1.00	$0	$0	$0	$ 0.075
NM - Energy Feedback Residential - Mass Entry	NM - Energy Feedback Residential - Mass Entry	Print Refill 2022 Group	Treatment	1,302	3,156	Control	1,347	3,156	1.00	$0	$0	$0	$ 0.075
Heat Pump Water Heaters													
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Electric Resistance Heat	High Efficiency Heat Pump Water Heater	4,241	182	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	High Efficiency Heat Pump Water Heater	4,241	132	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Natural Gas Heat	High Efficiency Heat Pump Water Heater	4,241	97	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Electric Resistance Heat	High Efficiency Heat Pump Water Heater	4,264	191	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & ASHP Heat	High Efficiency Heat Pump Water Heater	4,264	142	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Natural Gas Heat	High Efficiency Heat Pump Water Heater	4,264	106	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
NM - Water Heating - Prescriptive	Heat Pump Water Heater	New Home - Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	High Efficiency Heat Pump Water Heater	4,241	132	Minimum Efficiency Electric Water Heater	4,500	561	10.00	$500	$959	$959	$ 0.075
Residential Home Energy Services													
NM - HES - Prescriptive	HES LF Showerhead	Low Flow Showerheads	Low Flow Shower head - 1.5 GPM	4,500	79	Federal Minimum Standard flow rate 2.5 GPM	4,500	132	10.00	$24	$0	$24	$ 0.075
NM - HES - Prescriptive	HES Ceiling	Ceiling Insulation - Gas Heat	Average Ceiling 1649 Sq.Ft. and post R-Value of 30	113	1,355	Average Ceiling 1649 Sq.Ft. and base R-Value of 3.2	597	1,355	20.00	$224	$0	$1,547	$ 0.075
NM - HES - Prescriptive	HES Ceiling	Ceiling Insulation - Heat Pump	Average Ceiling 1672 Sq.Ft. and post R-Value of 30	582	1,095	Average Ceiling 1672 Sq.Ft. and base R-Value of 4.1	996	2,951	20.00	$453	$0	$1,516	$ 0.075
NM - HES - Prescriptive	HES Ceiling	Ceiling Insulation - Electric Resistance Heat	Average Ceiling 1313 Sq.Ft. and post R-Value of 30	1,232	792	Average Ceiling 1313 Sq.Ft. and base R-Value of 3.9	1,570	2,951	20.00	$636	$0	$1,199	$ 0.075
NM - HES - Prescriptive	HES Duct Leakage	Duct Leakage - Gas Heat	Average home of 1591 Sq.Ft. and Post-Duct Leak CFM of 93.6	87	1,355	Average home of 1591 Sq.Ft. and Pre-Duct Leak CFM of 589	417	1,355	18.00	$153	$0	$382	$ 0.075
NM - HES - Prescriptive	HES Duct Leakage	Duct Leakage - Heat Pump	Average home of 1625 Sq.Ft. and Post-Duct Leak CFM of 46.1	1,222	406	Average home of 1625 Sq.Ft. and Pre-Duct Leak CFM of 532.5	1,583	2,951	18.00	$720	$0	$390	$ 0.075
NM - HES - Prescriptive	HES Duct Leakage	Duct Leakage - Electric Furnace Heat	Average home of 1485 Sq.Ft. and Post-Duct Leak CFM of 42.9	2,567	343	Average home of 1485 Sq.Ft. and Pre-Duct Leak CFM of 513.7	2,918	2,951	18.00	$1,251	$0	$356	$ 0.075

	Stipulated Output								Economic Assumptions		Technical Assumption	2020		2021		2022				
Electric Measure Description	Rebate as a % of Incremental Cost (%)	Incremt'l Cost Payback Period w/o Rebate (yrs)	Incremt'l Cost Payback Period w/ Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved ($/kWh)	Rebated Lifetime cost /Cust KWh Saved ($/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings ($)	Energy O&M Savings ($)	Coincidence Factor (%)	2020 Participants (-)	2020 Units (-)	2021 Participants (-)	2021 Units (-)	2022 Participants (-)	2022 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)
LED Parking Garage Lighting	48%	5.6	2.93	1,478	$0.10	$0.01	0.169	0.185	$0.00	$0.00	100.0%	1	1	1	1	1	1	70%	100%	100%
LED Exterior Wall Pack	30%	6.2	4.35	1,031	$0.07	$0.00	0.248	0.000	$0.00	$0.00	0.0%	25	200	25	400	25	176	70%	100%	100%
LED Parking Garage Wall Pack	13%	8.3	7.21	851	$0.04	$0.00	0.097	0.106	$0.00	$0.00	100.0%	1	1	0	0	0	1	70%	100%	100%
LED Ref and Frz Cases 5' or 6' Doors	31%	11.1	7.69	379	$0.13	$0.01	0.079	0.072	$0.00	$0.00	83.0%	2	2	2	2	2	6	70%	100%	100%
LED Troffer Fixture or Kit	18%	18.5	15.12	227	$0.13	$0.01	0.062	0.050	$0.00	-$0.05	73.7%	30	536	30	600	30	1,200	70%	100%	100%
LED PL/G Based Lamp	68%	1.6	0.51	169	$0.04	$0.00	0.029	0.022	$0.00	-$0.04	71.0%	1	5	1	5	1	300	70%	100%	100%
LED High Bay Fixture	33%	11.4	7.64	1,102	$0.15	$0.01	0.326	0.278	$0.00	-$0.18	77.8%	16	200	16	300	16	200	70%	100%	100%
LED Area Lighting	28%	8.0	5.73	2,522	$0.09	$0.01	0.607	0.000	$0.00	$0.00	0.0%	23	367	23	500	23	400	70%	100%	100%
LED Tubes (Linear Lamps)	22%	4.0	3.17	76	$0.03	$0.00	0.018	0.015	$0.00	-$0.02	75.2%	35	13,040	37	15,000	37	10,500	70%	100%	100%
LED Interior Lamps	100%	5.4	0.00	81	$0.21	$0.02	0.019	0.017	$0.00	-$0.02	77.9%	22	1,055	20	1,500	20	2,000	70%	100%	100%
LED Tubes (Linear Lamps) DI	100%	5.0	0.00	77	$0.19	$0.01	0.018	0.015	-$0.10	$0.00	77.9%	0	0	0	0	1	650	70%	100%	100%
Restroom Aerator	100%	0.1	0.00	960	$0.01	$0.00	0.000	0.000	$38.50	$0.00	0.0%	50	250	50	250	50	250	70%	100%	100%
Pre-rinse Sprayer	100%	0.3	0.00	7,301	$0.02	$0.00	0.000	0.000	$226.16	$0.00	0.0%	10	10	10	10	10	20	70%	100%	100%
Kitchen Aerator	100%	0.3	0.00	284	$0.02	$0.00	0.000	0.000	$11.38	$0.00	0.0%	10	10	10	10	10	20	70%	100%	100%
New Construction - Lighting Power Density	32%	10.3	7.00	52,524	$0.13	$0.01	17.255	14.076	$0.00	-$24.53	74.5%	2	5	3	10	3	8	78%	100%	100%
New Motor Enhanced (NEMA Premium +1%)	16%	97.1	81.67	46	$0.52	$0.03	0.016	0.014	$0.00	$0.00	78.0%	1	1	1	1	1	1	78%	100%	100%
Upgrade Motor Enhanced (NEMA Premium +1%)	9%	85.9	78.39	371	$0.24	$0.01	0.092	0.079	$0.00	$0.00	78.0%	1	1	1	1	1	1	78%	100%	100%
Variable Frequency Drive (Motors VFD v2)	48%	5.9	3.08	52,583	$0.09	$0.01	9.890	8.449	$0.00	$0.00	78.0%	18	209	18	249	90	200	78%	100%	100%
Water Well Pump VFDs (Water Well Pump v2)	44%	8.8	4.94	50,640	$0.14	$0.01	21.816	13.614	$0.00	$0.00	57.0%	5	6	5	6	40	40	38%	100%	100%
Constant Speed Motor Controller	29%	9.0	6.33	3,966	$0.08	$0.00	0.817	0.628	$0.00	$0.00	70.2%	1	5	1	5	1	5	78%	100%	100%
HVAC VFD (NM HVAC VFD)	47%	5.6	2.97	16,388	$0.08	$0.01	2.262	2.477	$0.00	$0.00	100.0%	8	55	8	55	5	10	78%	100%	100%
Pump Off Controller	50%	15.1	7.50	13,097	$0.23	$0.02	2.136	1.560	$0.00	$0.00	66.7%	1	4	1	4	1	4	78%	100%	100%
Cycling Dryers	45%	3.2	1.77	8,783	$0.04	$0.00	1.208	1.323	$0.00	$0.00	100.0%	1	1	1	1	1	1	78%	100%	100%
Dew Point Controls	30%	2.3	1.63	47,897	$0.02	$0.00	6.630	7.262	$0.00	$0.00	100.0%	1	1	1	1	1	1	78%	100%	100%
Mist Eliminators	46%	8.8	4.79	8,946	$0.22	$0.02	1.168	1.280	$225.83	$0.00	100.0%	1	1	1	1	1	1	78%	100%	100%
No Air Loss Drain	62%	2.8	1.07	3,889	$0.05	$0.00	0.517	0.411	$0.00	$0.00	72.6%	5	5	5	5	2	2	78%	100%	100%
VFD Compressor New	53%	8.6	4.04	16,359	$0.15	$0.01	5.782	5.623	$0.00	$0.00	88.8%	4	4	4	4	2	2	78%	100%	100%
VFD Compressor Upgrade	33%	32.2	21.62	14,300	$0.36	$0.02	5.386	5.239	$0.00	$0.00	88.8%	8	8	8	8	2	2	78%	100%	100%
Rollup: Online Energy Feedback & Tools	N/A	0.0	0.00	24	$0.00	$0.00	0.003	0.002	$0.00	$0.00	74.5%	500	500	500	500	500	500	107%	100%	100%
Print Feedback Report - Legacy Participant Group 2020	N/A	0.0	0.00	189	$0.00	$0.00	0.045	0.039	$0.00	$0.00	74.2%	15,815	15,815	0	0	0	0	107%	100%	100%
Print Refill 2020 Group	N/A	0.0	0.00	142	$0.00	$0.00	0.045	0.033	$0.00	$0.00	62.2%	10,000	10,000	0	0	0	0	107%	100%	100%
Print Feedback Report - Legacy Participant Group 2021	N/A	0.0	0.00	175	$0.00	$0.00	0.045	0.037	$0.00	$0.00	70.2%	0	0	22,918	22,918	0	0	107%	100%	100%
Print Refill 2021 Group	N/A	0.0	0.00	121	$0.00	$0.00	0.038	0.028	$0.00	$0.00	62.2%	0	0	0	0	0	0	107%	100%	100%
Print Feedback Report - Legacy Participant Group 2022	N/A	0.0	0.00	179	$0.00	$0.00	0.045	0.038	$0.00	$0.00	70.8%	0	0	0	0	23,900	23,900	107%	100%	100%
Print Refill 2022 Group	N/A	0.0	0.00	142	$0.00	$0.00	0.045	0.033	$0.00	$0.00	62.2%	0	0	0	0	0	0	107%	100%	100%
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Electric Resistance Heat	52%	7.3	3.50	1,754	$0.29	$0.03	0.259	0.302	$0.00	$0.00	100.0%	1	1	2	2	60	60	100%	100%	100%
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	52%	6.5	3.12	1,965	$0.25	$0.03	0.259	0.302	$0.00	$0.00	100.0%	14	14	25	25	60	60	100%	100%	100%
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Natural Gas Heat	52%	6.4	3.04	2,116	$0.24	$0.02	0.259	0.302	-$7.38	$0.00	100.0%	14	14	25	25	20	20	100%	100%	100%
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Electric Resistance Heat	52%	7.5	3.59	1,710	$0.29	$0.03	0.237	0.276	$0.00	$0.00	100.0%	5	5	9	9	60	60	100%	100%	100%
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & ASHP Heat	52%	6.7	3.20	1,921	$0.26	$0.03	0.237	0.276	$0.00	$0.00	100.0%	13	13	24	24	60	60	100%	100%	100%
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Natural Gas Heat	52%	6.5	3.11	2,072	$0.24	$0.02	0.237	0.276	-$7.38	$0.00	100.0%	8	8	15	15	20	20	100%	100%	100%
New Home - Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	52%	6.5	3.12	1,965	$0.25	$0.03	0.259	0.302	$0.00	$0.00	100.0%	0	0	0	0	175	175	100%	100%	100%
Low Flow Showerheads	99%	0.8	0.01	237	$0.10	$0.01	0.000	0.000	$10.67	$0.00	0.0%	24	26	24	26	19	125	93%	100%	100%
Ceiling Insulation - Gas Heat	15%	15.8	13.52	655	$0.34	$0.02	0.483	0.491	$0.00	$48.88	87.0%	16	17	16	17	13	75	93%	100%	100%
Ceiling Insulation - Heat Pump	30%	8.8	6.17	2,302	$0.20	$0.01	0.414	0.421	$0.00	$0.00	87.0%	359	378	359	378	287	298	93%	100%	100%
Ceiling Insulation - Electric Resistance Heat	53%	4.4	2.06	3,656	$0.17	$0.01	0.337	0.342	$0.00	$0.00	87.0%	235	247	235	247	188	198	93%	100%	100%
Duct Leakage - Gas Heat	40%	3.6	2.16	447	$0.34	$0.02	0.330	0.335	$0.00	$72.67	87.0%	74	78	74	78	59	96	93%	100%	100%
Duct Leakage - Heat Pump	185%	1.2	-1.06	4,174	$0.17	$0.01	0.361	0.366	$0.00	$0.00	87.0%	341	359	341	359	273	287	93%	100%	100%
Duct Leakage - Electric Furnace Heat	351%	0.6	-1.55	7,730	$0.16	$0.01	0.351	0.356	$0.00	$0.00	87.0%	156	164	156	164	125	156	93%	100%	100%

	Program Forecast Outputs									
	2020			2021			2022			
Electric Measure Description	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget ($)	2021 NET Gen kW (kW)	2021 NET Gen kWh (kWh)	2021 Rebate Budget ($)	2022 NET Gen kW (kW)	2022 NET Gen kWh (kWh)	2022 Rebate Budget ($)	Measure Load Shape
	6,902	46,415,726	4,088,050	7,313	49,600,697	4,465,838	9,980	62,250,680	5,197,826	
LED Parking Garage Lighting	0.129	1,114	$150	0.129	1,114	$150	0.129	1,114	$150	NM-BUS-Light Flat
LED Exterior Wall Pack	0.000	155,303	$15,300	0.000	310,606	$30,600	0.000	136,667	$13,464	NM-BUS-RECM_OUT
LED Parking Garage Wall Pack	0.074	641	$35	0.000	0	$0	0.074	641	$35	NM-BUS-Light Flat
LED Ref and Frz Cases 5' or 6' Doors	0.101	571	$100	0.101	571	$100	0.303	1,713	$300	NM-BUS-Light Refrigerated
LED Troffer Fixture or Kit	18.659	91,881	$16,080	20.887	102,852	$18,000	41.773	205,703	$36,000	NM-BUS-Light Troffer
LED PL/G Based Lamp	0.078	639	$35	0.078	639	$35	4.687	38,315	$2,100	NM-BUS-Light Troffer
LED High Bay Fixture	38.938	166,113	$33,050	58.406	249,169	$49,575	38.938	166,113	$33,050	NM-BUS-Light High Bay
LED Area Lighting	0.000	697,885	$81,911	0.000	950,279	$111,534	0.000	760,224	$89,227	NM-BUS-RECM_OUT
LED Tubes (Linear Lamps)	135.860	745,439	$33,670	156.281	857,484	$38,730	109.397	600,238	$27,111	NM-BUS-Light Tube
LED Interior Lamps	12.204	64,008	$17,935	17.352	91,006	$25,500	23.136	121,342	$34,000	NM-BUS-Light Screw In
LED Tubes (Linear Lamps) DI	0.000	0	$0	0.000	0	$0	7.017	37,876	$9,484	NM-BUS-Light Tube
Restroom Aerator	0.000	180,852	$2,500	0.000	180,852	$2,500	0.000	180,852	$2,500	NM-BUS-CUSTOM
Pre-rinse Sprayer	0.000	55,010	$1,300	0.000	55,010	$1,300	0.000	110,020	$2,600	NM-BUS-CUSTOM_
Kitchen Aerator	0.000	2,139	$67	0.000	2,139	$67	0.000	4,278	$134	NM-BUS-CUSTOM_
New Construction - Lighting Power Density	55.071	221,204	$34,509	110.142	442,408	$69,019	88.114	353,926	$55,215	NM-BUS-Light All
New Motor Enhanced (NEMA Premium +1%)	0.011	39	$24	0.011	39	$24	0.011	39	$24	NM-BUS-MOTORS
Upgrade Motor Enhanced (NEMA Premium +1%)	0.062	313	$89	0.062	313	$89	0.062	313	$89	NM-BUS-MOTORS
Variable Frequency Drive (Motors VFD v2)	1,381.800	9,256,838	$946,235	1,646.260	11,028,481	$1,127,332	1,322.297	8,858,218	$905,488	NM-BUS-MOTORASD
Water Well Pump VFDs (Water Well Pump v2)	31.039	124,284	$41,475	31.039	124,284	$41,475	206.928	828,562	$276,500	NM-BUS-MOTORASD
Constant Speed Motor Controller	2.457	16,788	$1,624	2.457	16,788	$1,624	2.457	16,788	$1,624	NM-BUS-MOTORASD
HVAC VFD (NM HVAC VFD)	106.621	759,203	$71,143	106.621	759,203	$71,143	19.386	138,037	$12,935	NM-BUS-MOTORASD
Pump Off Controller	4.883	44,128	$12,000	4.883	44,128	$12,000	4.883	44,128	$12,000	NM-BUS-MOTORASD
Cycling Dryers	1.036	7,398	$371	1.036	7,398	$371	1.036	7,398	$371	NM-BUS-CUSTOM
Dew Point Controls	5.683	40,344	$1,000	5.683	40,344	$1,000	5.683	40,344	$1,000	NM-BUS-CUSTOM
Mist Eliminators	1.001	7,535	$1,980	1.001	7,535	$1,980	1.001	7,535	$1,980	NM-BUS-CUSTOM
No Air Loss Drain	1.608	16,377	$1,000	1.608	16,377	$1,000	0.643	6,551	$400	NM-BUS-CUSTOM
VFD Compressor New	17.601	55,117	$10,000	17.601	55,117	$10,000	8.800	27,558	$5,000	NM-BUS-CUSTOM
VFD Compressor Upgrade	32.794	96,357	$41,500	32.794	96,357	$41,500	8.199	24,089	$10,375	NM-BUS-CUSTOM
Rollup: Online Energy Feedback & Tools	1.272	14,465	$0	1.272	14,465	$0	1.272	14,465	$0	NM-RES-COOLING_DX
Print Feedback Report - Legacy Participant Group 2020	659.976	3,602,278	$0	0.000	0	$0	0.000	0	$0	NM-RES-COOLING_DX
Print Refill 2020 Group	348.873	1,711,613	$0	0.000	0	$0	0.000	0	$0	NM-RES-COOLING_DX
Print Feedback Report - Legacy Participant Group 2021	0.000	0	$0	907.037	4,829,236	$0	0.000	0	$0	NM-RES-COOLING_DX
Print Refill 2021 Group	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-RES-COOLING_DX
Print Feedback Report - Legacy Participant Group 2022	0.000	0	$0	0.000	0	$0	958.834	5,162,451	$0	NM-RES-COOLING_DX
Print Refill 2022 Group	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-RES-COOLING_DX
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Electric Resistance Heat	0.302	1,979	$500	0.549	3,598	$909	18.133	118,747	$30,000	NM-RES-SFWHT
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	4.231	31,050	$7,000	7.693	56,454	$12,727	18.133	133,070	$30,000	NM-RES-SFWHT
Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & Natural Gas Heat	4.231	33,428	$7,000	7.693	60,778	$12,727	6.044	47,754	$10,000	NM-RES-SFWHT
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Electric Resistance Heat	1.380	9,650	$2,500	2.509	17,546	$4,545	16.558	115,801	$30,000	NM-RES-SFWHT
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & ASHP Heat	3.588	28,186	$6,500	6.523	51,248	$11,818	16.558	130,090	$30,000	NM-RES-SFWHT
Medium Draw Heat Pump Water Heater - Non-Refrigerant Based Cooling & Natural Gas Heat	2.208	18,704	$4,000	4.014	34,008	$7,273	5.519	46,761	$10,000	NM-RES-SFWHT
New Home - Medium Draw Heat Pump Water Heater - Refrigerant Based Cooling & ASHP Heat	0.000	0	$0	0.000	0	$0	52.888	388,121	$87,500	NM-RES-SFWHT
Low Flow Showerheads	0.000	6,364	$608	0.000	6,364	$608	0.000	31,075	$2,966	NM-RES-SFWHT
Ceiling Insulation - Gas Heat	7.667	11,551	$3,770	7.667	11,551	$3,770	34.230	51,567	$16,832	NM-RES-CACNSP
Ceiling Insulation - Heat Pump	147.673	912,599	$171,238	147.673	912,599	$171,238	116.543	720,218	$135,140	NM-RES-CACNSP
Ceiling Insulation - Electric Resistance Heat	78.700	948,574	$157,311	78.700	948,574	$157,311	63.036	759,780	$126,001	NM-RES-CACNSP
Duct Leakage - Gas Heat	24.406	36,768	$12,001	24.406	36,768	$12,001	29.885	45,022	$14,696	NM-RES-CACNSP
Duct Leakage - Heat Pump	122.390	1,573,750	$258,729	122.390	1,573,750	$258,729	97.789	1,257,423	$206,724	NM-RES-CACNSP
Duct Leakage - Electric Furnace Heat	54.324	1,330,746	$205,186	54.324	1,330,746	$205,186	51.674	1,265,831	$195,177	NM-RES-CACNSP

Measure Description			High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				
Electric Product	Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Rebate Amount ($)	Average Baseline Product Cost ($)	Incremental Cost of Efficient Product ($)	Assumed Energy Cost ($/kWh)
Total													
NM - HES - Prescriptive	HES Infiltration	Air Infiltration - Gas Heat	Average home of 1663 Sq.Ft. and Post-CFM of 1932	237	1,355	Average home of 1663 Sq.Ft. and Pre-CFM of 4277	524	1,355	11.00	$133	$0	$844	$ 0.075
NM - HES - Prescriptive	HES Infiltration	Air Infiltration - Heat Pump	Average home of 1928 Sq.Ft. and Post-CFM of 2089	926	1,826	Average home of 1928 Sq.Ft. and Pre-CFM of 4413	1,211	2,951	11.00	$357	$0	$837	$ 0.075
NM - HES - Prescriptive	HES Infiltration	Air Infiltration - Electric Resistance Heat	Average home of 1808 Sq.Ft. and Post-CFM of 2196	1,886	1,885	Average home of 1808 Sq.Ft. and Pre-CFM of 3796	2,082	2,951	11.00	$440	$0	$576	$ 0.075
NM - HES - Prescriptive	HES Power Strips	Advanced Power Strips	Reduced Hours Average Peripheral Device	1	7,283	Baseline Hours Average Peripheral Device	7	8,760	4.00	$17	$0	$16	$ 0.075
Low Income Home Energy Services													
NM - LI HES - Prescriptive	HES LF Showerhead	*Low Flow Showerheads*	Low Flow Shower head - 1.5 GPM	4,500	79	Federal Minimum Standard flow rate 2.5 GPM	4,500	132	10.00	$24	$0	$24	$ 0.075
NM - LI HES - Prescriptive	HES Ceiling	*Ceiling Insulation - Gas Heat*	Average Ceiling 1411 Sq.Ft. and post R-Value of 39.1	76	1,355	Average Ceiling 1411 Sq.Ft. and base R-Value of 3.1	518	1,355	20.00	$205	$0	$1,778	$ 0.075
NM - LI HES - Prescriptive	HES Ceiling	*Ceiling Insulation - Heat Pump*	Average Ceiling 1484 Sq.Ft. and post R-Value of 32.3	516	1,026	Average Ceiling 1484 Sq.Ft. and base R-Value of 4	896	2,951	20.00	$417	$0	$1,470	$ 0.075
NM - LI HES - Prescriptive	HES Ceiling	*Ceiling Insulation - Electric Resistance Heat*	Average Ceiling 1207 Sq.Ft. and post R-Value of 33.1	1,172	700	Average Ceiling 1207 Sq.Ft. and base R-Value of 3.6	1,507	2,951	20.00	$631	$0	$1,246	$ 0.075
NM - LI HES - Prescriptive	HES Duct Leakage	*Duct Leakage - Gas Heat*	Average home of 1616 Sq.Ft. and Post-Duct Leak CFM of 111.4	104	1,355	Average home of 1616 Sq.Ft. and Pre-Duct Leak CFM of 509	443	1,355	18.00	$157	$0	$388	$ 0.075
NM - LI HES - Prescriptive	HES Duct Leakage	*Duct Leakage - Heat Pump*	Average home of 1584 Sq.Ft. and Post-Duct Leak CFM of 84.9	1,372	666	Average home of 1584 Sq.Ft. and Pre-Duct Leak CFM of 550.6	1,736	2,951	18.00	$726	$0	$380	$ 0.075
NM - LI HES - Prescriptive	HES Duct Leakage	*Duct Leakage - Electric Furnace Heat*	Average home of 1555 Sq.Ft. and Post-Duct Leak CFM of 101.5	2,874	724	Average home of 1555 Sq.Ft. and Pre-Duct Leak CFM of 502	3,209	2,951	18.00	$1,196	$0	$373	$ 0.075
NM - LI HES - Prescriptive	HES Infiltration	Air Infiltration - Gas Heat	Average home of 1595 Sq.Ft. and Post-CFM of 2135	340	1,355	Average home of 1595 Sq.Ft. and Pre-CFM of 3932	626	1,355	11.00	$133	$0	$647	$ 0.075
NM - LI HES - Prescriptive	HES Infiltration	Air Infiltration - Heat Pump	Average home of 1732 Sq.Ft. and Post-CFM of 2049	972	1,992	Average home of 1732 Sq.Ft. and Pre-CFM of 4011	1,284	2,951	11.00	$360	$0	$706	$ 0.075
NM - LI HES - Prescriptive	HES Infiltration	Air Infiltration - Electric Resistance Heat	Average home of 1341 Sq.Ft. and Post-CFM of 1661	1,697	1,633	Average home of 1341 Sq.Ft. and Pre-CFM of 3528	1,995	2,951	11.00	$545	$0	$672	$ 0.075
NM - LI HES - Prescriptive	Refrigerator Replacement	Refrigerator Replacement	New EnergyStar Refrigerator	66	5,592	Existing Refrigerator	130	5,592	13.00	$683	$0	$683	$ 0.075
NM - LI HES - Prescriptive	LIHES Power Strips	Advanced Power Strips	advanced power strip to control Idle equipment loads	1	7,283	Idle equipment in home office or entertainment system	7	8,760	4.00	$17	$0	$16	$ 0.075
NM - LI HES - Prescriptive	Residential Home Lighting DI - Residential Customers 2022	LED Bulb - A-Line	LED Bulb - A-Line	16	632	EISATier 2	76	632	20.00	$3	$1	$3	$ 0.075
NM - LI HES - Prescriptive	Residential Home Lighting DI - Business Customers 2022	LED Bulb - Linear Tube - Common Area Lighting	LED Bulb Purchase - Type A Linear Tube	21	3,929	Fluorescent Equivalent	38	3,929	9.80	$4	$3	$4	$ 0.040
Energy Savings Kit													
NM - Low Income Kits - Prescriptive	LED - 9W	4 x 9W LEDs	4 x 9W LEDs	48	632	4 x Incandescent Equivalent EISA Tier 1	227	632	20.00	$4	$0	$4	$ 0.075
NM - Low Income Kits - Prescriptive	Showerhead	Showerhead	Low Flow Shower head - 1.5 GPM	4,500	480	Federal Minimum Standard flow rate 2.5 GPM	4,500	500	10.00	$4	$0	$4	$ 0.075
NM - Low Income Kits - Prescriptive	Aerators - Kitchen	Aerators - Kitchen	1.5 GPM flow rate Kitchen aerator	4,500	498	Federal Minimum Standard flow rate 2.2 GPM	4,500	500	10.00	$2	$0	$2	$ 0.075
NM - Low Income Kits - Prescriptive	Aerators - Bathroom	Aerators - Bathroom	1.0 GPM flow rate bathroom aerator	4,500	497	Federal Minimum Standard flow rate 2.2 GPM	4,500	500	10.00	$1	$0	$1	$ 0.075
Home Lighting & Recycling													
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2020	LED Bulb - A-Line	LED Bulb - A-Line	16	632	EISATier 2	76	632	20.00	$1	$1	$1	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2020	LED Bulb - A-Line	LED Bulb - A-Line	15	3,061	EISATier 2	72	3,061	12.62	$1	$1	$1	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2020	LED Bulb - Specialty	LED Bulb Purchase - Specialty	13	632	Exempt/Post-EISA	88	632	20.00	$2	$3	$2	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2020	LED Bulb - Specialty	LED Bulb Purchase - Specialty	12	3,061	Exempt/Post-EISA	83	3,061	12.62	$2	$3	$2	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2020	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	632	Fluorescent Equivalent	38	632	20.00	$3	$3	$6	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2020	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	3,929	Fluorescent Equivalent	38	3,929	9.83	$3	$3	$6	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2021	LED Bulb - A-Line	LED Bulb - A-Line	16	632	EISATier 2	76	632	20.00	$1	$1	$1	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2021	LED Bulb - A-Line	LED Bulb - A-Line	15	3,061	EISATier 2	72	3,061	12.62	$1	$1	$1	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2021	LED Bulb - Specialty	LED Bulb Purchase - Specialty	13	632	Exempt/Post-EISA	88	632	20.00	$2	$3	$2	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2021	LED Bulb - Specialty	LED Bulb Purchase - Specialty	12	3,061	Exempt/Post-EISA	83	3,061	12.62	$2	$3	$2	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2021	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	632	Fluorescent Equivalent	38	632	20.00	$3	$3	$6	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2021	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	3,929	Fluorescent Equivalent	38	3,929	9.83	$3	$3	$6	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2022	LED Bulb - A-Line	LED Bulb - A-Line	16	632	EISATier 2	76	632	20.00	$1	$1	$1	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2022	LED Bulb - A-Line	LED Bulb - A-Line	15	3,061	EISATier 2	72	3,061	12.62	$1	$1	$1	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2022	LED Bulb - Specialty	LED Bulb Purchase - Specialty	13	632	Exempt/Post-EISA	88	632	20.00	$2	$3	$2	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2022	LED Bulb - Specialty	LED Bulb Purchase - Specialty	12	3,061	Exempt/Post-EISA	83	3,061	12.62	$2	$3	$2	$ 0.040
NM - Home Lighting - Prescriptive	Residential Home Lighting - Residential Customers 2022	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	632	Fluorescent Equivalent	38	632	20.00	$3	$3	$6	$ 0.075
NM - Home Lighting - Prescriptive	Residential Home Lighting - Business Customers 2022	LED Bulb - Linear Tube	LED Bulb Purchase - Type A Linear Tube	21	3,929	Fluorescent Equivalent	38	3,929	9.83	$3	$3	$6	$ 0.040
Residential Cooling													
NM - Res Cooling - Prescriptive	Premium Evaporative Cooling	Premium Evaporative Cooling	Evaporative Cooler 85% effective	800	2,109	13 SEER AC Split System	3,180	1,578	15.00	$700	$2,587	$0	$ 0.075
NM - Res Cooling - Prescriptive	Standard Evaporative Cooling	Standard Evaporative Cooling	Evaporative Cooler	380	1,355	2T MSHP 14 SEER & 8.11 EER	2,960	785	15.00	$200	$3,303	$0	$ 0.075
NM - Res Cooling - Prescriptive	Standard Efficiency AC with QI	Non-Qualifying Air Conditioner Equipment with Quality Install	Quality Install of Standard Eff (AC) 3 ton with 15 SEER & 12 EER	2,066	1,355	Standard Eff (AC) Unit without Quality Install 3 ton with 13 SEER & 11.2 EER	2,398	1,506	18.00	$0	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	Standard Efficiency ASHP with QI	Non-Qualifying Air Source Heat Pump Equipment with Quality Install	Quality Install of Standard Eff (ASHP) 2.7 ton with 15 SEER & 12 EER	683	2,951	Standard Eff (ASHP) Unit without Quality Install 2.7 ton with 14 SEER & 11.8 EER	979	3,279	18.00	$0	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency AC Equipment <17 SEER	Qualifying AC Equipment installatiton without Quality Install	High Eff (AC) 3.3 ton with 15.9 SEER & 12.6 EER without Quality Install	2,579	1,444	Baseline Eff (AC) Unit 3.3 ton with 13 SEER & 11.18 EER without Quality Install	3,031	1,506	18.00	$100	$0	$391	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency AC Quality Install <17 SEER	Qualifying AC Equipment Quality Install	Quality Install of High Eff (AC) 3.3 ton with 15.9 SEER & 12.6 EER	2,128	1,355	High Eff (AC) Unit without Quality Install 3.3 ton with 13 SEER & 11.2 EER	2,474	1,506	18.00	$0	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency AC Equipment 17+ SEER	Qualifying AC Equipment installatiton without Quality Install	High Eff (AC) 3.1 ton with 18.5 SEER & 14.1 EER without Quality Install	2,103	1,455	Baseline Eff (AC) Unit 3.1 ton with 13 SEER & 11.18 EER without Quality Install	2,885	1,506	18.00	$200	$0	$1,116	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency AC Quality Install 17+ SEER	Qualifying AC Equipment Quality Install	Quality Install of High Eff (AC) 3.1 ton with 18.5 SEER & 14.1 EER	1,738	1,355	High Eff (AC) Unit without Quality Install 3.1 ton with 13 SEER & 11.2 EER	2,032	1,506	18.00	$0	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Equipment <17 SEER	Qualifying ASHP Equipment installatiton without Quality Install	High Eff (ASHP) 2.9 ton with 15.9 SEER & 12.6 EER without Quality Install	2,991	3,174	Baseline Eff (ASHP) Unit 2.9 ton with 14 SEER & 11.76 EER without Quality Install	3,216	3,279	15.00	$200	$0	$494	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install <17 SEER	Qualifying ASHP Equipment Quality Install	Quality Install of High Eff (ASHP) 2.9 ton with 15.9 SEER & 12.6 EER	701	2,951	High Eff (ASHP) Unit without Quality Install 2.9 ton with 14 SEER & 11.8 EER	1,008	3,279	15.00	$0	$0	$156	$ 0.075

	Stipulated Output								Economic Assumptions		Technical Assumption	2020		2021		2022				
Electric Measure Description	Rebate as a % of Incremental Cost (%)	Incremt'l Cost Payback Period w/o Rebate (yrs)	Incremt'l Cost Payback Period w/ Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved ($/kWh)	Rebated Lifetime cost /Cust KWh Saved ($/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings ($)	Energy O&M Savings ($)	Coincidence Factor (%)	2020 Participants (-)	2020 Units (-)	2021 Participants (-)	2021 Units (-)	2022 Participants (-)	2022 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)
Air Infiltration - Gas Heat	16%	12.9	10.87	389	$0.34	$0.03	0.287	0.292	$0.00	$36.31	87.0%	89	94	89	94	71	75	93%	100%	100%
Air Infiltration - Heat Pump	43%	5.9	3.41	1,882	$0.19	$0.02	0.285	0.289	$0.00	$0.00	87.0%	109	114	109	114	87	120	93%	100%	100%
Air Infiltration - Electric Resistance Heat	76%	3.0	0.70	2,590	$0.17	$0.02	0.196	0.199	$0.00	$0.00	87.0%	29	30	29	30	23	24	93%	100%	100%
Advanced Power Strips	100%	4.2	-0.01	52	$0.32	$0.08	0.006	0.005	$0.00	$0.00	80.0%	0	0	0	0	23	401	100%	100%	100%
Low Flow Showerheads	99%	0.8	0.01	237	$0.10	$0.01	0.000	0.000	$10.67	$0.00	0.0%	69	90	69	90	64	72	93%	100%	100%
Ceiling Insulation - Gas Heat	12%	39.7	35.09	599	$0.34	$0.02	0.442	0.449	$0.00	$0.00	87.0%	29	38	29	38	27	30	93%	100%	100%
Ceiling Insulation - Heat Pump	28%	9.3	6.66	2,116	$0.20	$0.01	0.381	0.386	$0.00	$0.00	87.0%	122	161	122	161	115	190	93%	100%	100%
Ceiling Insulation - Electric Resistance Heat	51%	4.6	2.27	3,626	$0.17	$0.01	0.334	0.340	$0.00	$0.00	87.0%	105	138	105	138	98	130	93%	100%	100%
Duct Leakage - Gas Heat	41%	3.6	2.11	460	$0.34	$0.02	0.339	0.344	$0.00	$74.76	87.0%	223	294	223	294	210	235	93%	100%	100%
Duct Leakage - Heat Pump	191%	1.2	-1.10	4,208	$0.17	$0.01	0.364	0.369	$0.00	$0.00	87.0%	165	217	165	217	155	174	93%	100%	100%
Duct Leakage - Electric Furnace Heat	320%	0.7	-1.49	7,390	$0.16	$0.01	0.335	0.340	$0.00	$0.00	87.0%	152	200	152	200	143	195	93%	100%	100%
Air Infiltration - Gas Heat	21%	11.4	9.05	388	$0.34	$0.03	0.286	0.291	$0.00	$27.82	87.0%	243	319	243	319	227	255	93%	100%	100%
Air Infiltration - Heat Pump	51%	5.1	2.50	1,854	$0.19	$0.02	0.312	0.317	$0.00	$0.00	87.0%	113	148	113	148	105	118	93%	100%	100%
Air Infiltration - Electric Resistance Heat	81%	2.9	0.55	3,115	$0.17	$0.02	0.297	0.302	$0.00	$0.00	87.0%	211	277	211	277	198	222	93%	100%	100%
Refrigerator Replacement	100%	25.5	0.00	358	$1.91	$0.15	0.064	0.048	$0.00	$0.00	63.8%	0	0	0	0	0	0	93%	100%	100%
Advanced Power Strips	100%	4.2	-0.01	52	$0.32	$0.08	0.006	0.005	$0.00	$0.00	80.0%	0	0	0	0	89	96	100%	100%	100%
LED Bulb - A-Line	100%	0.9	0.00	38	$0.07	$0.00	0.060	0.007	$0.00	$0.00	10.2%	0	0	0	0	713	798	100%	100%	100%
LED Bulb - Linear Tube - Common Area Lighting	100%	0.0	0.00	64	$0.06	$0.01	0.016	0.015	$0.00	$150.75	82.5%	0	0	0	0	178	200	100%	100%	100%
4 x 9W LEDs	100%	0.5	0.00	113	$0.04	$0.00	0.180	0.021	$0.00	$0.00	10.2%	284	1,600	284	1,600	100	400	100%	83%	100%
Showerhead	100%	0.2	0.00	92	$0.04	$0.00	0.000	0.000	$13.34	$0.00	0.0%	39	217	39	217	100	400	100%	85%	100%
Aerators - Kitchen	100%	0.9	0.00	10	$0.24	$0.02	0.000	0.000	$1.88	$0.00	0.0%	39	217	39	217	100	400	100%	73%	100%
Aerators - Bathroom	100%	0.2	0.00	13	$0.07	$0.01	0.000	0.000	$3.22	$0.00	0.0%	39	217	39	217	100	400	100%	65%	100%
LED Bulb - A-Line	100%	0.5	0.00	38	$0.04	$0.00	0.060	0.007	$0.00	$0.00	10.2%	278,710	278,710	0	0	0	0	71%	100%	100%
LED Bulb - A-Line	100%	0.2	0.00	173	$0.01	$0.00	0.057	0.042	$0.00	-$0.03	67.5%	17,790	17,790	0	0	0	0	71%	100%	100%
LED Bulb - Specialty	100%	0.7	0.00	47	$0.05	$0.00	0.075	0.009	$0.00	$0.00	10.2%	25,944	25,944	0	0	0	0	71%	100%	100%
LED Bulb - Specialty	100%	0.3	0.00	215	$0.01	$0.00	0.070	0.052	$0.00	-$0.04	67.5%	1,656	1,656	0	0	0	0	71%	100%	100%
LED Bulb - Linear Tube	40%	8.2	4.92	10	$0.24	$0.01	0.016	0.002	$0.00	$0.00	10.2%	6,016	6,016	0	0	0	0	100%	100%	100%
LED Bulb - Linear Tube	40%	2.5	1.51	64	$0.04	$0.00	0.016	0.015	$0.00	-$0.01	82.5%	384	384	0	0	0	0	100%	100%	100%
LED Bulb - A-Line	100%	0.5	0.00	38	$0.04	$0.00	0.060	0.007	$0.00	$0.00	10.2%	0	0	271,378	271,378	0	0	71%	100%	100%
LED Bulb - A-Line	100%	0.2	0.00	173	$0.01	$0.00	0.057	0.042	$0.00	-$0.03	67.5%	0	0	17,322	17,322	0	0	71%	100%	100%
LED Bulb - Specialty	100%	0.7	0.00	47	$0.05	$0.00	0.075	0.009	$0.00	$0.00	10.2%	0	0	25,615	25,615	0	0	71%	100%	100%
LED Bulb - Specialty	100%	0.3	0.00	215	$0.01	$0.00	0.070	0.052	$0.00	-$0.04	67.5%	0	0	1,635	1,635	0	0	71%	100%	100%
LED Bulb - Linear Tube	40%	8.2	4.92	10	$0.24	$0.01	0.016	0.002	$0.00	$0.00	10.2%	0	0	6,204	6,204	0	0	100%	100%	100%
LED Bulb - Linear Tube	40%	2.5	1.51	64	$0.04	$0.00	0.016	0.015	$0.00	-$0.01	82.5%	0	0	396	396	0	0	100%	100%	100%
LED Bulb - A-Line	100%	0.5	0.00	38	$0.04	$0.00	0.060	0.007	$0.00	$0.00	10.2%	0	0	0	0	368,480	368,480	71%	100%	100%
LED Bulb - A-Line	100%	0.2	0.00	173	$0.01	$0.00	0.057	0.042	$0.00	-$0.03	67.5%	0	0	0	0	23,520	23,520	71%	100%	100%
LED Bulb - Specialty	100%	0.7	0.00	47	$0.05	$0.00	0.075	0.009	$0.00	$0.00	10.2%	0	0	0	0	43,710	43,710	71%	100%	100%
LED Bulb - Specialty	100%	0.3	0.00	215	$0.01	$0.00	0.070	0.052	$0.00	-$0.04	67.5%	0	0	0	0	2,790	2,790	71%	100%	100%
LED Bulb - Linear Tube	40%	8.2	4.92	10	$0.24	$0.01	0.016	0.002	$0.00	$0.00	10.2%	0	0	0	0	272	272	100%	100%	100%
LED Bulb - Linear Tube	40%	2.5	1.51	64	$0.04	$0.00	0.016	0.015	$0.00	-$0.01	82.5%	0	0	0	0	863	863	100%	100%	100%
Premium Evaporative Cooling	N/A	0.0	-2.92	3,332	$0.21	$0.01	2.380	2.777	-$9.08	$0.00	100.0%	1	2	1	2	2	2	66%	100%	100%
Standard Evaporative Cooling	N/A	0.0	-1.55	1,808	$0.11	$0.01	2.580	3.011	-$6.05	$0.00	100.0%	0	0	0	0	83	100	66%	100%	100%
Non-Qualifying Air Conditioner Equipment with Quality Install	0%	2.6	2.58	811	$0.00	$0.00	0.332	0.337	$0.00	$0.00	87.0%	0	1	0	1	1	1	66%	100%	100%
Non-Qualifying Air Source Heat Pump Equipment with Quality Install	0%	1.8	1.75	1,193	$0.00	$0.00	0.295	0.300	$0.00	$0.00	87.0%	0	1	0	1	1	1	66%	100%	100%
Qualifying AC Equipment installatiton without Quality Install	26%	6.2	4.64	838	$0.12	$0.01	0.452	0.459	$0.00	$0.00	87.0%	9	21	9	21	83	100	66%	100%	100%
Qualifying AC Equipment Quality Install	0%	2.5	2.48	842	$0.00	$0.00	0.346	0.352	$0.00	$0.00	87.0%	9	21	9	21	17	21	66%	100%	100%
Qualifying AC Equipment installatiton without Quality Install	18%	11.6	9.54	1,284	$0.16	$0.01	0.782	0.794	$0.00	$0.00	87.0%	2	4	2	4	33	40	66%	100%	100%
Qualifying AC Equipment Quality Install	0%	3.0	2.96	705	$0.00	$0.00	0.294	0.299	$0.00	$0.00	87.0%	2	4	2	4	3	4	66%	100%	100%
Qualifying ASHP Equipment installatiton without Quality Install	40%	6.3	3.75	1,052	$0.19	$0.01	0.225	0.228	$0.00	$0.00	87.0%	5	12	5	12	58	70	66%	100%	100%
Qualifying ASHP Equipment Quality Install	0%	1.7	1.69	1,237	$0.00	$0.00	0.307	0.312	$0.00	$0.00	87.0%	5	12	5	12	10	12	66%	100%	100%

	Program Forecast Outputs									
	2020			2021			2022			
Electric Measure Description	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget ($)	2021 NET Gen kW (kW)	2021 NET Gen kWh (kWh)	2021 Rebate Budget ($)	2022 NET Gen kW (kW)	2022 NET Gen kWh (kWh)	2022 Rebate Budget ($)	Measure Load Shape
	6,902	46,415,726	4,088,050	7,313	49,600,697	4,465,838	9,980	62,250,680	5,197,826	
Air Infiltration - Gas Heat	25.387	38,245	$12,484	25.387	38,245	$12,484	20.342	30,645	$10,003	NM-RES-CACNSP
Air Infiltration - Heat Pump	30.750	225,971	$40,793	30.750	225,971	$40,793	32.256	237,032	$42,790	NM-RES-CACNSP
Air Infiltration - Electric Resistance Heat	5.626	82,645	$13,366	5.626	82,645	$13,366	4.441	65,246	$10,552	NM-RES-CACNSP
Advanced Power Strips	0.000	0	$0	0.000	0	$0	2.134	23,535	$6,618	NM-RES-SFRF1
Low Flow Showerheads	0.000	22,474	$2,145	0.000	22,474	$2,145	0.000	17,899	$1,709	NM-RES-SFWHT
Ceiling Insulation - Gas Heat	15.705	23,660	$7,723	15.705	23,660	$7,723	12.531	18,878	$6,162	NM-RES-CACNSP
Ceiling Insulation - Heat Pump	57.783	357,094	$67,004	57.783	357,094	$67,004	68.276	421,939	$79,172	NM-RES-CACNSP
Ceiling Insulation - Electric Resistance Heat	43.452	523,730	$86,855	43.452	523,730	$86,855	41.052	494,803	$82,058	NM-RES-CACNSP
Duct Leakage - Gas Heat	94.029	141,654	$46,237	94.029	141,654	$46,237	75.262	113,381	$37,009	NM-RES-CACNSP
Duct Leakage - Heat Pump	74.479	957,694	$157,448	74.479	957,694	$157,448	59.776	768,629	$126,365	NM-RES-CACNSP
Duct Leakage - Electric Furnace Heat	63.332	1,551,422	$239,212	63.332	1,551,422	$239,212	61.749	1,512,636	$233,231	NM-RES-CACNSP
Air Infiltration - Gas Heat	86.247	129,930	$42,410	86.247	129,930	$42,410	68.900	103,798	$33,881	NM-RES-CACNSP
Air Infiltration - Heat Pump	43.661	287,950	$53,219	43.661	287,950	$53,219	34.811	229,582	$42,431	NM-RES-CACNSP
Air Infiltration - Electric Resistance Heat	77.704	905,096	$150,822	77.704	905,096	$150,822	62.320	725,908	$120,963	NM-RES-CACNSP
Refrigerator Replacement	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-RES-SFWHT
Advanced Power Strips	0.000	0	$0	0.000	0	$0	0.511	5,634	$1,584	NM-RES-SFRF1
LED Bulb - A-Line	0.000	0	$0	0.000	0	$0	5.683	34,159	$2,115	NM-RES-SFLIT
LED Bulb - Linear Tube - Common Area Lighting	0.000	0	$0	0.000	0	$0	2.953	13,821	$824	NM-BUS-Light Tube
4 x 9W LEDs	28.291	170,081	$6,384	28.291	170,081	$6,384	7.073	42,520	$1,596	NM-RES-SFLIT
Showerhead	0.000	19,110	$844	0.000	19,110	$844	0.000	35,226	$1,556	NM-RES-SFLIT
Aerators - Kitchen	0.000	1,788	$519	0.000	1,788	$519	0.000	3,295	$956	NM-RES-SFLIT
Aerators - Bathroom	0.000	2,033	$193	0.000	2,033	$193	0.000	3,747	$356	NM-RES-SFLIT
LED Bulb - A-Line	1,409.125	8,467,261	$398,555	0.000	0	$0	0.000	0	$0	NM-RES-SFLIT
LED Bulb - A-Line	528.944	2,357,178	$25,440	0.000	0	$0	0.000	0	$0	NM-BUS-LIGHTING
LED Bulb - Specialty	163.006	979,485	$60,450	0.000	0	$0	0.000	0	$0	NM-RES-SFLIT
LED Bulb - Specialty	61.188	272,676	$3,858	0.000	0	$0	0.000	0	$0	NM-BUS-LIGHTING
LED Bulb - Linear Tube	11.665	70,096	$15,040	0.000	0	$0	0.000	0	$0	NM-RES-SFLIT
LED Bulb - Linear Tube	5.670	26,539	$960	0.000	0	$0	0.000	0	$0	NM-BUS-Light Tube
LED Bulb - A-Line	0.000	0	$0	1,372.056	8,244,513	$388,071	0.000	0	$0	NM-RES-SFLIT
LED Bulb - A-Line	0.000	0	$0	515.030	2,295,168	$24,770	0.000	0	$0	NM-BUS-LIGHTING
LED Bulb - Specialty	0.000	0	$0	160.939	967,064	$59,683	0.000	0	$0	NM-RES-SFLIT
LED Bulb - Specialty	0.000	0	$0	60.412	269,218	$3,810	0.000	0	$0	NM-BUS-LIGHTING
LED Bulb - Linear Tube	0.000	0	$0	12.030	72,287	$15,510	0.000	0	$0	NM-RES-SFLIT
LED Bulb - Linear Tube	0.000	0	$0	5.847	27,368	$990	0.000	0	$0	NM-BUS-Light Tube
LED Bulb - A-Line	0.000	0	$0	0.000	0	$0	1,862.992	11,194,490	$526,926	NM-RES-SFLIT
LED Bulb - A-Line	0.000	0	$0	0.000	0	$0	699.313	3,116,404	$33,634	NM-BUS-LIGHTING
LED Bulb - Specialty	0.000	0	$0	0.000	0	$0	274.630	1,650,219	$101,844	NM-RES-SFLIT
LED Bulb - Specialty	0.000	0	$0	0.000	0	$0	103.088	459,400	$6,501	NM-BUS-LIGHTING
LED Bulb - Linear Tube	0.000	0	$0	0.000	0	$0	0.528	3,174	$681	NM-RES-SFLIT
LED Bulb - Linear Tube	0.000	0	$0	0.000	0	$0	12.736	59,616	$2,157	NM-BUS-Light Tube
Premium Evaporative Cooling	3.666	4,964	$1,400	3.666	4,964	$1,400	3.666	4,964	$1,400	NM-RES-EVAPBASE
Standard Evaporative Cooling	0.000	0	$0	0.000	0	$0	198.724	134,679	$20,000	NM-RES-EVAPBASE
Non-Qualifying Air Conditioner Equipment with Quality Install	0.223	604	$0	0.223	604	$0	0.223	604	$0	NM-RES-COOLING_DX
Non-Qualifying Air Source Heat Pump Equipment with Quality Install	0.198	889	$0	0.198	889	$0	0.198	889	$0	NM-RES-Cooling_DX_Heating_DX
Qualifying AC Equipment installatiton without Quality Install	6.355	13,104	$2,100	6.355	13,104	$2,100	30.263	62,398	$10,000	NM-RES-COOLING_DX
Qualifying AC Equipment Quality Install	4.874	13,170	$0	4.874	13,170	$0	4.874	13,170	$0	NM-RES-COOLING_DX
Qualifying AC Equipment installatiton without Quality Install	2.096	3,825	$800	2.096	3,825	$800	20.958	38,248	$8,000	NM-RES-COOLING_DX
Qualifying AC Equipment Quality Install	0.789	2,101	$0	0.789	2,101	$0	0.789	2,101	$0	NM-RES-COOLING_DX
Qualifying ASHP Equipment installatiton without Quality Install	1.808	9,400	$2,400	1.808	9,400	$2,400	10.545	54,832	$14,000	NM-RES-Cooling_DX_Heating_DX
Qualifying ASHP Equipment Quality Install	2.470	11,060	$0	2.470	11,060	$0	2.470	11,060	$0	NM-RES-Cooling_DX_Heating_DX

Measure Description			High Efficiency Product Assumptions			Baseline Product Assumptions			Economic Assumptions				
Electric Product	Electric Measure Group	Electric Measure Description	Efficient Product Description / Rating	Efficient Product Consumption (watts)	Efficient Hours of Operation (hrs/yr)	Baseline Product Description / Rating	Baseline Product Consumption (watts)	Baseline Hours of Operation (hrs/yr)	Measure Lifetime (years)	Rebate Amount ($)	Average Baseline Product Cost ($)	Incremental Cost of Efficient Product ($)	Assumed Energy Cost ($/kWh)
Total													
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install <17 SEER	Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	High Eff (ASHP) 2.9 ton with 15.9 SEER & 12.6 EER without Quality Install	5,406	1,757	Baseline Eff Unit for Cooling 2.9 ton with 14 SEER & 11.76 EER and Existing Electric Resistance Heat without Quality Install	5,626	3,279	15.00	$200	$0	$494	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Equipment 17+ SEER	Qualifying ASHP Equipment installatiton without Quality Install	High Eff (ASHP) 3.6 ton with 17.5 SEER & 13.6 EER without Quality Install	3,399	3,323	Baseline Eff (ASHP) Unit 3.6 ton with 14 SEER & 11.76 EER without Quality Install	3,954	3,279	15.00	$400	$0	$1,891	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install 17+ SEER	Qualifying ASHP Equipment Quality Install	Quality Install of High Eff (ASHP) 3.6 ton with 17.5 SEER & 13.6 EER	774	2,951	High Eff (ASHP) Unit without Quality Install 3.6 ton with 14 SEER & 11.8 EER	1,124	3,279	15.00	$0	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install 17+ SEER	Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	High Eff (ASHP) 3.6 ton with 17.5 SEER & 13.6 EER without Quality Install	6,367	1,774	Baseline Eff Unit for Cooling 3.6 ton with 14 SEER & 11.76 EER and Existing Electric Resistance Heat without Quality Install	6,915	3,279	15.00	$400	$0	$1,891	$ 0.075
NM - Res Cooling - Prescriptive	Mini-Split Heat Pump (16-20 SEER)	Mini-Split Heat Pump (16-20 SEER)	MSHP size 1.2 tons, 18.53 SEER, 11.50 HSPF	1,233	3,312	MSHP size 1.2 tons, 14 SEER, 8.2 HSPF	1,647	3,312	18.00	$160	$3,303	$375	$ 0.075
NM - Res Cooling - Prescriptive	Mini-Split Heat Pump (21-26 SEER)	Mini-Split Heat Pump (21-26 SEER)	MSHP size 1.2 tons, 23.19 SEER, 11.50 HSPF	987	2,315	MSHP size 1.2 tons, 14 SEER, 8.2 HSPF	1,647	2,315	18.00	$190	$3,536	$608	$ 0.075
NM - Res Cooling - Prescriptive	Programmable T-Stat	Programmable Thermostat - Gas Heat	New Programmable Thermostat for a 3 Ton AC & Gas Furnace	1,551	3,031	Manual Thermostat or Non-programmed programmable thermostat	1,675	2,951	20.00	$30	$0	$30	$ 0.075
NM - Res Cooling - Prescriptive	Programmable T-Stat	Programmable Thermostat - Heat Pump	New Programmable Thermostat for a 3 Ton AC & Gas Furnace	2,037	2,874	Manual Thermostat or Non-programmed programmable thermostat	2,161	2,951	20.00	$30	$0	$30	$ 0.075
NM - Res Cooling - Prescriptive	Smart Thermostat	Smart Thermostat - Heat Pump	New Smart Thermostat for a 3 Ton ASHP	1,984	2,839	Existing Manual Thermostat or Non-programmed programmable thermostat	2,161	2,951	20.00	$30	$0	$175	$ 0.075
NM - Res Cooling - Prescriptive	Smart Thermostat	Smart Thermostat - Heat Pump	New Smart Thermostat for a 3 Ton ASHP	1,984	2,932	Existing programmable thermostat	2,161	2,951	20.00	$30	$0	$175	$ 0.075
NM - Res Cooling - Prescriptive	Whole House Fan	Whole House Fan	Central AC System supplemented by Whole House Fan	2,363	1,332	Central AC Cooling System	2,363	1,570	20.00	$100	$0	$600	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Equipment <17 SEER	New Home - Qualifying ASHP Equipment installatiton without Quality Install	High Eff (ASHP) 2.9 ton with 15.9 SEER & 12.6 EER without Quality Install	2,991	3,174	Baseline Eff (ASHP) Unit 2.9 ton with 14 SEER & 11.76 EER without Quality Install	3,216	3,279	15.00	$275	$0	$494	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install <17 SEER	New Home - Qualifying ASHP Equipment Quality Install	Quality Install of High Eff (ASHP) 2.9 ton with 15.9 SEER & 12.6 EER	701	2,951	High Eff (ASHP) Unit without Quality Install 2.9 ton with 14 SEER & 11.8 EER	1,008	3,279	15.00	$425	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Equipment 17+ SEER	New Home - Qualifying ASHP Equipment installatiton without Quality Install	High Eff (ASHP) 3.6 ton with 17.5 SEER & 13.6 EER without Quality Install	3,399	3,323	Baseline Eff (ASHP) Unit 3.6 ton with 14 SEER & 11.76 EER without Quality Install	3,954	3,279	15.00	$325	$0	$1,891	$ 0.075
NM - Res Cooling - Prescriptive	High Efficiency ASHP Quality Install 17+ SEER	New Home - Qualifying ASHP Equipment Quality Install	Quality Install of High Eff (ASHP) 3.6 ton with 17.5 SEER & 13.6 EER	774	2,951	High Eff (ASHP) Unit without Quality Install 3.6 ton with 14 SEER & 11.8 EER	1,124	3,279	15.00	$475	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	Standard Efficiency ASHP with QI	New Home - Non-Qualifying Air Source Heat Pump Equipment with Quality Install - Installer Incentive	Quality Install of Standard Eff (ASHP) 2.7 ton with 15 SEER & 12 EER	683	2,951	Standard Eff (ASHP) Unit without Quality Install 2.7 ton with 14 SEER & 11.8 EER	979	3,279	18.00	$150	$0	$156	$ 0.075
NM - Res Cooling - Prescriptive	Smart Thermostat	New Home - Smart Thermostat - Heat Pump	New Smart Thermostat for a 3 Ton ASHP	1,984	2,932	Existing programmable thermostat	2,161	2,951	20.00	$30	$0	$175	$ 0.075
School Education Kits													
NM - School Education Kits - Prescriptive	LED	4 x 9 Watt LED	4 x 9W LED	36	986	Incandescent Equivalent (Post-EISA)	172	986	20.00	$12	$0	$12	$ 0.075
NM - School Education Kits - Prescriptive	Showerhead	Showerhead	1.5 GPM Low Flow Showerhead	4,500	480	Federal Minimum Standard flow rate 2.5 GPM	4,500	500	10.00	$3	$0	$3	$ 0.075
NM - School Education Kits - Prescriptive	Aerators - Kitchen	Aerators - Kitchen	1.5 GPM Low Flow Kitchen Aerator	4,500	498	Federal Minimum Standard flow rate 2.2 GPM	4,500	500	10.00	$1	$0	$1	$ 0.075
NM - School Education Kits - Prescriptive	Aerators - Bathroom	Aerators - Bathroom	0.5 GPM Low Flow Bathroom Aerator	4,500	496	Federal Minimum Standard flow rate 2.2 GPM	4,500	500	10.00	$0	$0	$0	$ 0.075
NM - School Education Kits - Prescriptive	Programmable Thermostat	Programming of Existing T-stat (Elec Cooling & Gas Heat) - Electric Customer	Progrmmable setup by 1.2 F for cooling assume 2.3 ton AC, 13.4 SEER and setback of 2.6 F for heating with 80% AFUE furnace	1,303	579	Existing home w/ no auto setup or setback temps	1,382	584	10.00	$0	$0	$0	$ 0.075
NM - School Education Kits - Prescriptive	LED	2 x 9W LED	2 x 9W LED	18	986	Incandescent Equivalent (Post-EISA)	86	986	20.00	$6	$0	$6	$ 0.075
NM - School Education Kits - Prescriptive	LED	2 x 15W A19 LED	2 x 15W A19 LED	30	986	Incandescent Equivalent (Post-EISA)	144	986	20.00	$10	$0	$10	$ 0.075
NM - School Education Kits - Prescriptive	LED	1 x 8W Reflector LED	1 x 8W Reflector LED	8	986	Incandescent Equivalent (Post-EISA)	65	986	20.00	$2	$0	$2	$ 0.075
NM - School Education Kits - Prescriptive	LED	2 x 6W Globe LED	2 x 6W Globe LED	12	986	Incandescent Equivalent (Post-EISA)	58	986	20.00	$5	$0	$5	$ 0.075
NM - School Education Kits - Prescriptive	LED	1 x 4W-8W-14W 3-WAY LED	1 x 4W-8W-14W 3-WAY LED	8	986	Incandescent Equivalent (Post-EISA)	43	986	20.00	$3	$0	$3	$ 0.075
NM - School Education Kits - Prescriptive	LED	4 x 5W Candle LED	4 x 5W Candle LED	20	986	Incandescent Equivalent (Post-EISA)	116	986	20.00	$16	$0	$16	$ 0.075
Refrigerator Recycling													
Refrigerator Recycling	Freezer Removal and Recycling	Removal of Freezer	Removal of Freezer	0	0	Exisiting Freezer	121	8,760	7.00	$50	$0	$0	$ 0.075
Refrigerator Recycling	Primary Refrigerator Removal and Recycling	Removal of Primary Refrigerator	Removal of Primary Refrigerator	0	0	Exisiting Primary Refrigerator	93	8,760	8.00	$50	$0	$0	$ 0.075
Refrigerator Recycling	Secondary Refrigerator Removal and Recycling	Removal of Secondary Refrigerator	Removal of Secondary Refrigerator	0	0	Exisiting Secondary Refrigerator	111	8,760	8.00	$50	$0	$0	$ 0.075
Refrigerator Recycling	Secondary Market - Freezer Removal and Recycling	Removal of Freezer	Removal of Freezer	0	0	Exisiting Freezer	121	8,760	7.00	$50	$0	$0	$ 0.075
Refrigerator Recycling	Secondary Market - Refrigerator Removal and Recycling	Removal of Primary or Secondary Refrigerator	Removal of Primary Refrigerator	0	0	Exisiting Primary Refrigerator	104	8,760	8.00	$50	$0	$0	$ 0.075
Refrigerator Recycling	Room/Window AC Removal and Recycling	Removal of Room/Window Air Conditioner	Removal of Room/Window Air Conditioner	0	0	Existing 10,000 BTU/hr Room Air Conditioner	1,020	633	3.00	$0	$0	$0	$ 0.075
Residential Thermostat Rewards													
NM - Smart Thermostat - EE	EnergyStar Smart Thermostat	EnergyStar Certified Smart Thermostat - BYOT	Single family house with EnergyStar Smart Thermostat	1,500	5,424	Single family house with manual or programmable thermostat	1,622	5,424	10.00	$50	$0	$175	$ 0.075
NM - Smart Thermostat - EE	EnergyStar Smart Thermostat	EnergyStar Certified Smart Thermostat - DI	Single family house with EnergyStar Smart Thermostat	1,500	5,424	Single family house with manual or programmable thermostat	1,622	5,424	10.00	$288	$0	$288	$ 0.075
Residential Thermostat Rewards Cooling - Prior Enrollments	NM - Smart Thermostat - DR - Prior Enrollments	Residential Thermostat Rewards Cooling	Utility Load Control for control period with Energy Star Thermostat	0	1	Non-Controlled Energy Star Smart Thermostat	3,108	1	1.00	$0	$0	$0	$ 0.075
Residential Thermostat Rewards Cooling - New Enrollments	NM - Smart Thermostat - DR - New Enrollments - BYOT	Residential Thermostat Rewards Cooling	Utility Load Control for control period with Energy Star Thermostat	0	1	Non-Controlled Energy Star Smart Thermostat	3,108	1	1.00	$25	$0	$0	$ 0.075
Residential Thermostat Rewards Cooling - New Enrollments	NM - Smart Thermostat - DR - New Enrollments - Direct Install	Residential Thermostat Rewards Cooling	Utility Load Control for control period with Energy Star Thermostat	0	1	Non-Controlled Energy Star Smart Thermostat	3,108	1	1.00	$36	$0	$36	$ 0.075
NM - Smart Thermostat - EE	EnergyStar Smart Thermostat	Energy Star Thermostat installed in 2016	Single family house with EnergyStar Smart Thermostat	1,799	4,745	Single family house with manual or programmable thermostat	1,622	5,424	6.00	$0	$0	$0	$ 0.075
NM - Smart Thermostat - EE	EnergyStar Smart Thermostat	Energy Star Thermostat Installed in 2019	Single family house with EnergyStar Smart Thermostat	1,794	4,754	Single family house with manual or programmable thermostat	1,622	5,424	9.00	$0	$0	$0	$ 0.075
Residential Thermostat Rewards Heating	NM - Smart Thermostat - Heating DR - BYOT	Residential Thermostat Rewards Heating	Utility Load Control for control period with Energy Star Thermostat	0	2	Non-Controlled Energy Star Smart Thermostat	3,039	2	1.00	$25	$0	$0	$ 0.075
Residential Thermostat Rewards Heating	NM - Smart Thermostat - Heating DR - DI	Residential Thermostat Rewards Heating	Utility Load Control for control period with Energy Star Thermostat	0	2	Non-Controlled Energy Star Smart Thermostat	3,039	2	1.00	$0	$0	$0	$ 0.075

	Stipulated Output								Economic Assumptions		Technical Assumption	2020		2021		2022				
Electric Measure Description	Rebate as a % of Incremental Cost (%)	Incremt'l Cost Payback Period w/o Rebate (yrs)	Incremt'l Cost Payback Period w/ Rebate (yrs)	Annual Customer kWh Savings (kWh/yr)	Rebated Cost / Cust kWh Saved ($/kWh)	Rebated Lifetime cost /Cust KWh Saved ($/kWh)	Customer kW Savings (kW)	Generator Peak kW Savings (kW)	Non-Energy O&M Savings ($)	Energy O&M Savings ($)	Coincidence Factor (%)	2020 Participants (-)	2020 Units (-)	2021 Participants (-)	2021 Units (-)	2022 Participants (-)	2022 Units (-)	NTG (%)	Installation Rate (%)	Realization Rate (%)
Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	40%	0.7	0.44	8,945	$0.02	$0.00	0.220	0.223	$0.00	$0.00	87.0%	0	0	0	0	25	30	66%	100%	100%
Qualifying ASHP Equipment installatiton without Quality Install	21%	15.1	11.94	1,670	$0.24	$0.02	0.555	0.563	$0.00	$0.00	87.0%	3	7	3	7	34	41	66%	100%	100%
Qualifying ASHP Equipment Quality Install	0%	1.5	1.49	1,401	$0.00	$0.00	0.350	0.355	$0.00	$0.00	87.0%	3	7	3	7	6	7	66%	100%	100%
Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	21%	2.2	1.75	11,379	$0.04	$0.00	0.548	0.557	$0.00	$0.00	87.0%	0	0	0	0	16	19	66%	100%	100%
Mini-Split Heat Pump (16-20 SEER)	43%	3.7	2.10	1,372	$0.12	$0.01	0.414	0.367	$0.00	$0.00	76.0%	1	3	1	3	41	50	66%	100%	100%
Mini-Split Heat Pump (21-26 SEER)	31%	5.3	3.66	1,529	$0.12	$0.01	0.660	0.586	$0.00	$0.00	76.0%	0	1	0	1	17	20	66%	100%	100%
Programmable Thermostat - Gas Heat	100%	1.0	0.00	242	$0.12	$0.01	0.124	0.145	$0.00	$10.68	100.0%	0	1	0	1	0	0	66%	100%	100%
Programmable Thermostat - Heat Pump	100%	0.8	0.00	523	$0.06	$0.00	0.124	0.145	$0.00	$0.00	100.0%	56	138	56	138	0	0	66%	100%	100%
Smart Thermostat - Heat Pump	17%	3.1	2.61	744	$0.04	$0.00	0.177	0.207	$0.00	$0.00	100.0%	0	0	0	0	57	69	66%	100%	100%
Smart Thermostat - Heat Pump	17%	4.2	3.46	561	$0.05	$0.00	0.177	0.207	$0.00	$0.00	100.0%	0	0	0	0	57	69	66%	100%	100%
Whole House Fan	17%	14.3	11.89	562	$0.18	$0.01	0.000	0.000	$0.00	$0.00	0.0%	0	0	0	0	0	0	66%	100%	100%
New Home - Qualifying ASHP Equipment installatiton without Quality Install	56%	6.3	2.79	1,052	$0.26	$0.02	0.225	0.228	$0.00	$0.00	87.0%	0	0	0	0	55	66	66%	100%	100%
New Home - Qualifying ASHP Equipment Quality Install	272%	1.7	-2.91	1,237	$0.34	$0.02	0.307	0.312	$0.00	$0.00	87.0%	0	0	0	0	27	33	66%	100%	100%
New Home - Qualifying ASHP Equipment installatiton without Quality Install	17%	15.1	12.54	1,670	$0.19	$0.01	0.555	0.563	$0.00	$0.00	87.0%	0	0	0	0	18	22	66%	100%	100%
New Home - Qualifying ASHP Equipment Quality Install	304%	1.5	-3.04	1,401	$0.34	$0.02	0.350	0.355	$0.00	$0.00	87.0%	0	0	0	0	9	11	66%	100%	100%
New Home - Non-Qualifying Air Source Heat Pump Equipment with Quality Install - Installer Incentive	96%	1.8	0.07	1,193	$0.13	$0.01	0.295	0.300	$0.00	$0.00	87.0%	0	0	0	0	8	10	66%	100%	100%
New Home - Smart Thermostat - Heat Pump	17%	4.2	3.46	561	$0.05	$0.00	0.177	0.207	$0.00	$0.00	100.0%	0	0	0	0	18	22	66%	100%	100%
4 x 9 Watt LED	100%	1.2	0.00	134	$0.09	$0.00	0.136	0.020	$0.00	$0.00	12.7%	2,500	2,500	2,500	2,500	2,600	2,600	100%	93%	100%
Showerhead	100%	0.2	0.00	92	$0.03	$0.00	0.000	0.000	$13.34	$0.00	0.0%	2,500	2,500	2,500	2,500	2,600	2,600	100%	79%	100%
Aerators - Kitchen	100%	0.5	0.00	9	$0.13	$0.01	0.000	0.000	$1.88	$0.00	0.0%	2,500	2,500	2,500	2,500	2,600	2,600	100%	73%	100%
Aerators - Bathroom	100%	0.1	0.00	18	$0.03	$0.00	0.000	0.000	$3.22	$0.00	0.0%	2,500	2,500	2,500	2,500	2,600	2,600	100%	74%	100%
Programming of Existing T-stat (Elec Cooling & Gas Heat) - Electric Customer	N/A	0.0	0.00	53	$0.00	$0.00	0.079	0.070	$0.00	$0.00	76.0%	0	0	0	0	500	500	100%	55%	100%
2 x 9W LED	100%	1.2	0.00	67	$0.09	$0.00	0.068	0.010	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
2 x 15W A19 LED	100%	1.2	0.00	112	$0.09	$0.00	0.114	0.017	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
1 x 8W Reflector LED	100%	0.4	0.00	56	$0.03	$0.00	0.057	0.008	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
2 x 6W Globe LED	100%	1.4	0.00	45	$0.11	$0.01	0.046	0.007	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
1 x 4W-8W-14W 3-WAY LED	100%	1.0	0.00	35	$0.08	$0.00	0.035	0.005	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
4 x 5W Candle LED	100%	2.2	0.00	95	$0.16	$0.01	0.096	0.014	$0.00	$0.00	12.7%	0	0	0	0	100	100	100%	93%	100%
Removal of Freezer	N/A	0.0	-0.63	1,063	$0.05	$0.01	0.121	0.091	$0.00	$0.00	64.0%	0	0	0	0	160	160	72%	100%	100%
Removal of Primary Refrigerator	N/A	0.0	-0.82	816	$0.06	$0.01	0.093	0.070	$0.00	$0.00	64.0%	0	0	0	0	256	256	72%	100%	100%
Removal of Secondary Refrigerator	N/A	0.0	-0.69	975	$0.05	$0.01	0.111	0.083	$0.00	$0.00	64.0%	0	0	0	0	384	384	72%	100%	100%
Removal of Freezer	N/A	0.0	-0.63	1,063	$0.05	$0.01	0.121	0.091	$0.00	$0.00	64.0%	0	0	0	0	40	40	72%	100%	100%
Removal of Primary or Secondary Refrigerator	N/A	0.0	-0.73	913	$0.05	$0.01	0.104	0.078	$0.00	$0.00	64.0%	0	0	0	0	160	160	72%	100%	100%
Removal of Room/Window Air Conditioner	N/A	0.0	0.00	646	$0.00	$0.00	1.020	1.036	$0.00	$0.00	87.0%	0	0	0	0	0	80	57%	100%	100%
EnergyStar Certified Smart Thermostat - BYOT	29%	3.2	2.29	663	$0.08	$0.01	0.122	0.000	$0.00	$5.03	0.0%	750	750	500	500	500	500	100%	100%	100%
EnergyStar Certified Smart Thermostat - DI	100%	5.3	0.00	663	$0.43	$0.04	0.122	0.000	$0.00	$5.03	0.0%	0	0	0	0	50	50	100%	100%	100%
Residential Thermostat Rewards Cooling	N/A	0.0	0.00	2	$0.00	$0.00	3.108	1.727	$0.00	$0.00	47.6%	0	0	0	0	0	0	100%	100%	100%
Residential Thermostat Rewards Cooling	N/A	0.0	-167.23	2	$12.50	$12.50	3.108	1.727	$0.00	$0.00	47.6%	0	0	0	0	300	300	100%	100%	100%
Residential Thermostat Rewards Cooling	100%	243.3	0.00	2	$18.19	$18.19	3.108	1.727	$0.00	$0.00	47.6%	0	0	0	0	50	50	100%	100%	100%
Energy Star Thermostat installed in 2016	N/A	0.0	0.00	262	$0.00	$0.00	-0.177	0.000	$0.00	$0.00	0.0%	360	0	360	0	300	300	100%	100%	100%
Energy Star Thermostat Installed in 2019	N/A	0.0	0.00	270	$0.00	$0.00	-0.172	0.000	$0.00	$0.00	0.0%	275	0	275	0	300	300	100%	100%	100%
Residential Thermostat Rewards Heating	N/A	0.0	-51.18	7	$3.83	$3.83	3.039	0.000	$0.00	$0.00	0.0%	0	0	0	0	25	25	100%	100%	100%
Residential Thermostat Rewards Heating	100%	0.8	0.00	7	$0.06	$0.06	3.039	0.000	$0.00	$0.00	0.0%	0	0	0	0	50	50	100%	100%	100%

	Program Forecast Outputs									
	2020			2021			2022			
Electric Measure Description	2020 NET Gen kW (kW)	2020 NET Gen kWh (kWh)	2020 Rebate Budget ($)	2021 NET Gen kW (kW)	2021 NET Gen kWh (kWh)	2021 Rebate Budget ($)	2022 NET Gen kW (kW)	2022 NET Gen kWh (kWh)	2022 Rebate Budget ($)	Measure Load Shape
	6,902	46,415,726	4,088,050	7,313	49,600,697	4,465,838	9,980	62,250,680	5,197,826	
Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	0.000	0	$0	0.000	0	$0	4.419	199,906	$6,000	NM-RES-Cooling_DX_Heating_DX
Qualifying ASHP Equipment installatiton without Quality Install	2.603	8,709	$2,800	2.603	8,709	$2,800	15.244	51,007	$16,400	NM-RES-Cooling_DX_Heating_DX
Qualifying ASHP Equipment Quality Install	1.641	7,305	$0	1.641	7,305	$0	1.641	7,305	$0	NM-RES-Cooling_DX_Heating_DX
Qualifying ASHP Equipment installation without Quality Install Replacing Electric Resistance Heat	0.000	0	$0	0.000	0	$0	6.981	161,052	$7,600	NM-RES-Cooling_DX_Heating_DX
Mini-Split Heat Pump (16-20 SEER)	0.727	3,067	$480	0.727	3,067	$480	12.124	51,110	$8,000	NM-RES-Cooling_DX_Heating_DX
Mini-Split Heat Pump (21-26 SEER)	0.387	1,139	$190	0.387	1,139	$190	7.731	22,780	$3,800	NM-RES-Cooling_DX_Heating_DX
Programmable Thermostat - Gas Heat	0.096	180	$30	0.096	180	$30	0.000	0	$0	NM-RES-CACNSP
Programmable Thermostat - Heat Pump	13.185	53,806	$4,140	13.185	53,806	$4,140	0.000	0	$0	NM-RES-CACNSP
Smart Thermostat - Heat Pump	0.000	0	$0	0.000	0	$0	9.418	38,264	$2,070	NM-RES-CACNSP
Smart Thermostat - Heat Pump	0.000	0	$0	0.000	0	$0	9.418	28,839	$2,070	NM-RES-CACNSP
Whole House Fan	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-RES-CACNSP
New Home - Qualifying ASHP Equipment installatiton without Quality Install	0.000	0	$0	0.000	0	$0	9.943	51,699	$18,150	NM-RES-Cooling_DX_Heating_DX
New Home - Qualifying ASHP Equipment Quality Install	0.000	0	$0	0.000	0	$0	6.794	30,415	$14,025	NM-RES-Cooling_DX_Heating_DX
New Home - Qualifying ASHP Equipment installatiton without Quality Install	0.000	0	$0	0.000	0	$0	8.179	27,370	$7,150	NM-RES-Cooling_DX_Heating_DX
New Home - Qualifying ASHP Equipment Quality Install	0.000	0	$0	0.000	0	$0	2.578	11,479	$5,225	NM-RES-Cooling_DX_Heating_DX
New Home - Non-Qualifying Air Source Heat Pump Equipment with Quality Install - Installer Incentive	0.000	0	$0	0.000	0	$0	1.979	8,885	$1,500	NM-RES-COOLING_DX
New Home - Smart Thermostat - Heat Pump	0.000	0	$0	0.000	0	$0	3.003	9,195	$660	NM-RES-CACNSP
4 x 9 Watt LED	46.858	351,888	$30,300	46.858	351,888	$30,300	48.732	365,964	$31,512	NM-RES-Lighting
Showerhead	0.000	204,620	$7,650	0.000	204,620	$7,650	0.000	212,805	$7,956	NM-RES-SFWHT
Aerators - Kitchen	0.000	18,538	$2,900	0.000	18,538	$2,900	0.000	19,280	$3,016	NM-RES-SFWHT
Aerators - Bathroom	0.000	37,771	$1,150	0.000	37,771	$1,150	0.000	39,282	$1,196	NM-RES-SFWHT
Programming of Existing T-stat (Elec Cooling & Gas Heat) - Electric Customer	0.000	0	$0	0.000	0	$0	19.266	16,342	$0	NM-RES-Cooling_DX
2 x 9W LED	0.000	0	$0	0.000	0	$0	0.937	7,038	$606	NM-RES-Lighting
2 x 15W A19 LED	0.000	0	$0	0.000	0	$0	1.571	11,799	$1,004	NM-RES-Lighting
1 x 8W Reflector LED	0.000	0	$0	0.000	0	$0	0.786	5,899	$155	NM-RES-Lighting
2 x 6W Globe LED	0.000	0	$0	0.000	0	$0	0.634	4,761	$490	NM-RES-Lighting
1 x 4W-8W-14W 3-WAY LED	0.000	0	$0	0.000	0	$0	0.482	3,622	$265	NM-RES-Lighting
4 x 5W Candle LED	0.000	0	$0	0.000	0	$0	1.323	9,936	$1,551	NM-RES-Lighting
Removal of Freezer	0.000	0	$0	0.000	0	$0	10.435	138,152	$8,000	NM-RES-SFRF1
Removal of Primary Refrigerator	0.000	0	$0	0.000	0	$0	12.826	169,810	$12,800	NM-RES-SFRF1
Removal of Secondary Refrigerator	0.000	0	$0	0.000	0	$0	22.991	304,389	$19,200	NM-RES-SFRF1
Removal of Freezer	0.000	0	$0	0.000	0	$0	2.609	34,538	$2,000	NM-RES-SFRF1
Removal of Primary or Secondary Refrigerator	0.000	0	$0	0.000	0	$0	8.964	118,680	$8,000	NM-RES-SFRF1
Removal of Room/Window Air Conditioner	0.000	0	$0	0.000	0	$0	47.236	33,250	$0	NM-Res_Cooling_DX
EnergyStar Certified Smart Thermostat - BYOT	0.000	560,999	$37,500	0.000	373,999	$25,000	0.000	373,999	$25,000	NM-RES-Cooling_DX_Heating_DX
EnergyStar Certified Smart Thermostat - DI	0.000	0	$0	0.000	0	$0	0.000	37,400	$14,411	NM-RES-Cooling_DX_Heating_DX
Residential Thermostat Rewards Cooling	0.000	0	$0	0.000	0	$0	0.000	0	$0	NM-RES-PEAK_CTR
Residential Thermostat Rewards Cooling	0.000	0	$0	0.000	0	$0	518.086	677	$7,500	NM-RES-PEAK_CTR
Residential Thermostat Rewards Cooling	0.000	0	$0	0.000	0	$0	86.348	113	$1,819	NM-RES-PEAK_CTR
Energy Star Thermostat installed in 2016	0.000	0	$0	0.000	0	$0	0.000	88,621	$0	NM-RES-Cooling_DX_Heating_DX
Energy Star Thermostat Installed in 2019	0.000	0	$0	0.000	0	$0	0.000	91,330	$0	NM-RES-Cooling_DX_Heating_Elec
Residential Thermostat Rewards Heating	0.000	0	$0	0.000	0	$0	0.000	184	$625	NM-RES-Heating_Elec
Residential Thermostat Rewards Heating	0.000	0	$0	0.000	0	$0	0.000	369	$20	NM-RES-Heating_Elec

SPS 2019 Program Year Incentive Mechanism

New Mexico 2019 Program Year Incentive Mechanism		
	2019 Mechanism Formula	
Base Incentive		
Commission-approved Estimated Budget	$9,922,917	
2019 Incentive Level	6.80%	
Base Incentive		**$674,758**
Minimum Achievement Threshold		
2019 Cumulative Savings Threshold (Net Customer GWh)	293	
Verified 2019 Cumulative Energy Savings (Net Customer GWh)	320	
Minimum Achievement Reached?		**Yes**
Minimum 2019 New Mexico Incentive		**$674,758**
Low-Income Adjustment		
Low-Income Spend Requirement		
Approved Estimated Budget	$9,922,917	
Statutory Low-Income Spend Level	5.00%	
Low-Income Spend Requirement	$496,146	
Low-Income Spending Shortfall		
Low-Income 2019 Spend	$2,002,428	
Low-Income Spending Shortfall	$0	
Low-Income Spending Shortfall Penalty		
Low-Income Spending Shortfall	$0	
Proposed 2019 Incentive Level	6.80%	
Punitive Measure	2	
Low-Income Adjustment		**$0**
Adjusted Incentive		**$674,758**
Sliding Scale Adjustment		
Escalating Incentive Factor		
2019 Linear Savings Requirement (Net Customer GWh)	29.444	
Verified 2019 Annual Energy Savings (Net Customer GWh)	39.420	
Escalation Minimum Reached?		**Yes**
Minimum Achievement Exceeded by at least 1 GWh, but less than 2 GWh?	No	
Incentive Value	6.90%	
Bonus Incentive		**$0**
Minimum Achievement Exceeded by at least 2 GWh, but less than 3 GWh?	No	
Incentive Value	7.00%	
Bonus Incentive		**$0**
Minimum Achievement Exceeded by at least 3 GWh?	Yes	
Incentive Value	7.13%	
Bonus Incentive		**$32,746**
Total 2019 Incentive		**$707,504**

New Mexico PY 2020 Incentive Mechanism	
Evaluated Savings (GWh@ cust)	**Performance Incentive %**
33	5.90%
34	6.00%
35	6.10%
36	6.20%
37	6.30%
38	6.40%
39	6.50%
40	6.60%
41	6.70%
42	6.80%
43	6.90%
44	7.00%
45	7.10%
46	7.20%
47	7.24%
48	7.24%
>=49	7.24%

Evaluated Savings	Performance Incentive
46	7.20%
Actual Spend	**Calculated Incentive**
$9,515,057	$685,084

New Mexico PY 2022 Incentive Mechanism	
Evaluated Savings (GWh@ cust)	**Performance Incentive %**
44	5.90%
45	6.00%
46	6.10%
47	6.20%
48	6.30%
49	6.40%
50	6.50%
51	6.60%
52	6.70%
53	6.80%
54	6.90%
55	7.00%
56	7.10%
57	7.20%
58	7.24%
59	7.24%
60	7.24%

Estimated Savings	Performance Incentive
56	7.10%
Estimated Spend	**Calculated Incentive**
$14,534,799	$1,031,971