



**2021 RENEWABLE ENERGY
STANDARD COMPLIANCE
REPORT**

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STATEMENT OF RES COMPLIANCE & INTRODUCTION

Public Service Company of Colorado (“Public Service” or the “Company”) is pleased to report that the Company is in compliance with the Colorado 2021 Renewable Energy Standard (“RES”). For 2021, the RES required that 30 percent of the Company’s electric energy sales be served from renewable energy¹, with three percent from distributed generation. At least one-half of the distributed generation must be from retail distributed generation.²

Colorado Public Utilities Commission (the “Commission”) Rule 3659(a) states that Renewable Energy Credits (“RECs”) may be used to comply with the RES. The Rules define each REC to mean a contractual right to the full set of non-energy attributes, including any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, directly attributed to a specific amount of electric energy generated from an eligible energy resource. One REC results from one megawatt-hour (“MWh”) of electric energy generated from an eligible energy resource. By statute, certain eligible energy resources qualify for REC multipliers such that one MWh from these resources can generate more than one REC for compliance with the RES. Senate Bill 13-252 modified the REC multiplier to eliminate a REC multiplier for eligible energy resources that became operational after January 1, 2015.

As a result of acquiring the generation described below, Public Service was able to retire sufficient RECs to meet its RES obligation for the 2021 compliance year.

Pursuant Commission Rule 3662, investor-owned Qualifying Retail Utilities (“QRUs”), like Public Service, are required to file an Annual RES Compliance Report (“Report”) that contains the information set forth in Rule 3662. In general, the Report is designed to give the Commission a status on the QRU’s compliance with the Renewable Energy Standard for the most recently completed compliance year. The Report will be reviewed by Commission staff for compliance in accordance with Rule 3663.

Public Service is providing this Report in compliance with Rule 3662, which demonstrates that the Company is in compliance with Colorado’s 2021 Renewable Energy Standard, consistent with the Company’s Commission-approved 2020-21 RES Compliance Plan (“2020-21 RES Plan”), (Proceeding No. 19A-0369E), approved through Decisions No. R20-0099 and C20-0289.

¹ Commission Electric Rule 3654.

² Commission Electric Rule 3655.

OVERVIEW OF THE COMPANY'S EFFORTS TO MEET THE RENEWABLE ENERGY STANDARD

In addition to meeting the Renewable Energy Standard requirements for 2021, Public Service remains well-positioned to meet the Colorado RES over the next several years. The RES requires the Company to generate 30 percent of electric retail sales from renewable resources beginning in 2020 and each compliance year thereafter, with three percent of that energy coming from renewable distributed generation. The Company's compliance strategy and acquisition of eligible energy resources reflects a desire to protect the environment, provide customers with renewable energy choices that they want and value, and follow through on our commitment to provide safe, reliable and increasingly clean energy at a competitive price. In this portion of the Report, the Company briefly describes and summarizes some of its efforts to meet these commitments.

WIND ENERGY

Wind energy continues to play a significant role in Xcel Energy's renewable energy portfolio. Public Service's early actions to add wind energy at competitive prices and proactively comply with state mandates have benefited the customers we serve and the state. Xcel Energy continues to be a national leader in wind energy.

Wind energy on Xcel Energy's systems has increased significantly since 2010 and will continue to expand in the future. In 2021, wind energy made up 33 percent of Public Service Company of Colorado's energy supply. At the end of 2021, Public Service had nearly 4,100 MW of installed wind energy capacity on its system and Xcel Energy had over 10,000 MW of wind across its various utility operating companies.

The Company is continuing the implementation of its Colorado Energy Plan Portfolio ("CEPP"). The CEPP is a transformative plan that was approved by the Commission as part of the Company's 2016 Electric Resource Plan ("ERP") (Proceeding No. 16A-0396E) and involves retiring 660 MW of coal-fired generation by late 2025 and adding 1,100 MW of wind, approximately 750 MW of solar and 275 MW of storage to our Colorado generation fleet. In addition to 630 MW of Power Purchase Agreement ("PPA") wind, the CEPP includes the Company-owned 500 MW Cheyenne Ridge Wind Project, the construction of which was approved by the Commission in Proceeding No. 18A-0905E. Construction commenced in June 2019 and was completed in 2020 with commercial operations beginning on August 26, 2020, allowing the Company to take full advantage of federal production tax credits ("PTCs") and maximize savings for customers. Also, in 2020 the Company had three additional wind PPAs that began commercial operations – Bronco Plains (September 30, 2020, 299.36 MW), Colorado Green (December 16, 2020,

162 MW), and Mountain Breeze (October 28, 2020, 171.72 MW). Following implementation of the CEPP, approximately 39 percent of the Company's energy mix will come from wind.

WINDSOURCE®

Wind energy is also available as a customer choice through the Company's popular Windsource® program, which began in 1998 and continues to be one of the largest voluntary green-energy programs in the United States. The current structure of our Windsource® program originated in the terms of a settlement agreement the Commission approved in Proceeding No. 08A-260E and more recently in the settlement of the Company's 2017-19 RES Compliance Plan (Proceeding No. 16A-0139E).

Windsource® is certified through the Green-e Energy program. To be Green-e Energy certified, the corresponding RECs associated with the energy sold under Windsource® cannot be used to fulfill a state renewable energy goal and cannot be "double-counted" towards that goal, with one exception. Pursuant to Green-e's National Standard Version 2.1: "If the product meets 100% of a customer's electricity use with eligible renewables, Green-e Energy allows a percentage of a product's content to be satisfied by Renewable Portfolio Standard ("RPS") state-mandated renewables up to the percentage RPS requirement." Consequently, for Windsource® customers who purchased 100 percent of their electricity under the Windsource® program in 2021, thirty percent of the RECs associated with the energy these customers purchased were retired to meet the Renewable Energy Standard. The Commission approved this methodology as part of the Company's 2010 RES Compliance Plan in Decisions No. C10-1033 and R10-0586 in Proceeding No. 09A-772E. Information describing the method of retiring RECs for 100 percent Windsource® customer sales has been provided to our Windsource® customers and is also available on the Windsource® pages on Xcel Energy's website.³

The Company charges a Windsource® premium to those customers who subscribe to the program. The 2021 Windsource® premium price was \$1.50 per 100 kilowatt-hour ("kWh") block, or 1.5¢/kWh, on a market basis. Premiums from sales under the Windsource® program are credited back to the Renewable Energy Standard Adjustment ("RESA") (\$4.09 million in 2021).

SOLAR ENERGY

The Company continues to integrate increasing levels of solar energy with a combination of low-cost large-scale utility solar projects, community solar gardens, and private customer-sited solar options. Public Service offers customers a growing number of

³ <https://co.my.xcelenergy.com/s/renewable/windsource>

renewable options such as Solar*Rewards®, Solar*Rewards® Community®, stand-alone net metering, and Renewable*Connect® in addition to Windsource®.

UTILITY SOLAR INSTALLATIONS

Xcel Energy has continued its commitment to developing cost effective solar resources to benefit the greatest number of customers across the state. The Company purchases large-scale solar generation directly from sizable solar installations, many of which are located in the San Luis Valley in south-central Colorado.⁴ In 2021, the Company had one solar PPA located in Pueblo enter commercial operations – Bighorn Solar 1 (November 30, 2021 258.9 MW).

The Colorado Energy Plan Portfolio (“CEPP”) approved by the Commission as part of the Company’s 2016 Electric Resource Plan (“ERP”) (Proceeding No. 16A-0396E) and amended through Decision No. R20-0285 in Proceeding No. 19A-0530E will add four additional utility-scale solar resources to the Company’s system. These resources will result in 750 MW of solar and include three solar projects paired with a total of 275 MW of battery storage. These new solar resources will be located in Pueblo and El Paso counties, which increases the geographic diversity of utility-scale solar across the state.

Large-scale installations make solar power available at a low cost to the greatest number of people in the communities Xcel Energy serves. The Company supports the development of large, central solar because of the benefits that come with direct delivery and economies of scale for our customers.

PRIVATE SOLAR INSTALLATIONS

Additionally, nearly 74,000 Xcel Energy customers in Colorado have private on-site or rooftop solar through either the Company’s Solar*Rewards® program or are interconnected outside the program as “Net Metered Only” systems. The Company’s Small program (with average system size of approximately 6 kilowatts (“kW”)) now sees more PV systems being interconnected outside of its Solar*Rewards® Program than inside the program with Net Metered Only interconnections reaching approximately 200 MW cumulatively through 2021.

Solar*Rewards® currently supports the installation of systems at several program levels—small systems up to 25 kW and medium systems between 25.1 to 500 kW. The program also has issued requests for proposals (“RFPs”) to support large systems over 500 kW.

⁴ Solar installations in south-central Colorado include: the SunE Alamosa facility (6.20 MW_{AC}), the SunPower Greater Sandhill facility (19 MW AC), the Iberdrola Renewables San Luis Valley Solar facility (30 MW_{AC}), the Amonix at Solar Technology Acceleration Center (“Solar TAC”) (0.484 MW), Sun E at Solar TAC (0.193 MW), and EPRI at Solar TAC (0.085 MW), and the Cogentrix Alamosa Solar Generating Project (30 MW AC).

Through Solar*Rewards®, customers interested in installing solar systems at their homes or businesses receive incentives to participate in this program.

Table 1: 2020-2021 Solar*Rewards Capacities and Incentives

Solar*Rewards Incentives	2020		2021		TOTAL
	Capacity (up to)	Incentive per kWh	Capacity (up to)	Incentive per kWh	
Small	12 MW	\$0.005	12 MW	\$0.005	24
CEO WAP Low Income Rooftop Solar	0.35	Upfront \$2/watt plus \$0.034/kWh	0.35	Upfront \$2/watt plus \$0.034/kWh	0.7
Medium	24 MW	\$0.0375	24 MW	\$0.0375	48
Large	20 MW	RFP	20 MW	RFP	40
TOTAL	56.35		56.35		112.7

Customer-owned and third-party owned systems receive the same incentive levels for a 20-year term. Small solar system capacity for systems less than or equal to 25 kW is released monthly with one-twelfth of the available capacity released each month. Medium system capacity for systems greater than 25 to 500 kW is released biannually.

Large-solar system capacity is released and awarded through a competitive RFP process for net metered systems greater than 500 kW in size, capped at 120 percent of the customers' annual load. The RFP requests proposed pricing from bidders for the Company to purchase RECs from the production of the solar array. Price is typically the primary differentiator and selection criteria. In addition to the REC incentive, the customer(s) will receive net energy metering credits.

The Colorado Energy Office's ("CEO") Low-Income WAP ("Weather Assistance Program") Rooftop Solar program was added under the 2017-19 RES Compliance Plan and proposed to add up to 300 systems over a three-year period: up to 75 systems in 2017; 100 systems in 2018 and 125 systems in 2019. Systems can be sized up to 3.5 kW with the average system size at 3.1 kW. The CEO Program was continued under the 2020-21 RES Compliance Plan as it was under the Settlement Agreement in Proceeding No. 16A-0139E except for changing to a capacity cap of 0.35 MW annually rather than an annual installation count cap. The program also requires a 14 percent per-system capacity factor as a reasonable production performance measure of this program.

Through 2021, 463 systems have been interconnected, equaling nearly 1.5 MW of total cumulative capacity from 2017-2021 at a cost of approximately \$4.25 million. Roughly two-thirds of the total cost has been paid for with RESA funds.

COMMUNITY SOLAR GARDENS

The Community Solar Garden (“CSG”) market is continuing to expand in Colorado and is widely available throughout the Company’s service territory. By the end of 2021, there were approximately 112 MW_{AC} of CSGs operational and 237 MW_{AC} either operational or with project capacity awarded.⁵

Public Service launched Solar*Rewards Community® (“S*RC”) in Colorado in 2012, after the state became one of the first to approve the solar garden concept in 2010. In Colorado, the Company enables Solar*Rewards Community® for customers who want to participate in shared, centralized solar installations. CSGs are an option for customers who want to support solar energy but lack certain qualities (physical – roof space, shading, etc. or financial) to install systems on-site. Solar developers build community-based shared solar installations interconnected to Public Service’s system and offer subscriptions with various purchase arrangements to customers.

The Company has grown a solid portfolio of solar garden projects, and with the additional capacity and segmenting from the 2020-21 RES Plan, this portfolio has become even more robust in 2021. The Company also notes that Commission Rule 3877 currently allows for CSGs to be sized up to five MW_{AC} and that sizing will be increasing to 10MW_{AC} beginning July 1, 2023.

RENEWABLE*CONNECT®

Renewable*Connect® allows customers to subscribe to solar output from a 50 MW solar energy installation located in Deer Trail, Colorado (Arapahoe County), which came online in late December 2018, and thus 2021 is the program’s third year of operations. The program offers competitive pricing, flexible subscription terms, and no program costs subsidized by non-participant customers. Subscribers have full rights to the clean energy benefits from the solar energy produced, as RECs are retired on behalf of subscribers and will not be included in RES accounting.

⁵ Beginning in 2020, the Company is reporting all capacities in alternating current or “AC.”

2021 RESULTS

NON-DISTRIBUTED GENERATION (“NON-DG”)

As a result of prior filings approved by the Commission, the Company currently has nearly 4,100 MW of wind generation capacity on its system that qualifies as Non-DG eligible energy resources. The Company acquires the full electrical output as well as all RECs produced from these wind resources for compliance with the Non-DG portion of the RES. The generation from these facilities that came online before January 1, 2015 is eligible for the 1.25 REC multiplier when used for compliance. Several wind facilities, such as the 249 MW Golden West wind farm, the 600 MW Rush Creek wind farm, and the 500 MW Cheyenne Ridge wind farm, came online after that and do not receive the REC multiplier. The Company currently has 18 operational large wind resources that are considered Non-DG for RES compliance (see Attachment C).

WINDSOURCE®

In 2021, over 76,000 residential and commercial/industrial Colorado customers purchased over 273,000 MWh of wind energy through Windsource® and contributed \$4.09 million to the RESA account.

WHOLESALE DG

The Company currently has over 210 MW of resources which qualify as Wholesale DG resources for RES compliance. This includes various hydroelectric resources, landfill gas resources, photovoltaic solar resources, and wind resources. All of the generation from these facilities is eligible for the 1.25 REC multiplier when used for compliance with the Colorado RES. The following resources are currently operational and are considered as Wholesale DG for RES compliance (see Attachment C):

Table 2: Operational Wholesale DG Resources

• SunE Alamosa Solar	• Waste Management/ Aurora Disposal	• Hillcrest
• Cogentrix Solar	• Ames	• Roberts Tunnel
• Greater Sandhill Solar (I & II)	• Georgetown (I & II)	• Strontia Springs
• EPRI at Solar TAC	• Salida II	• Ute Hydro
• San Luis Solar (Iberdrola)	• Shoshone (I & II)	• Gross Reservoir
• Northern Colorado Wind II	• Tacoma (I & II)	• Redlands
• Ridgecrest	• Betasso	• Dillon Dam
	• Silver Lake	• Foothills
	• Lakewood	

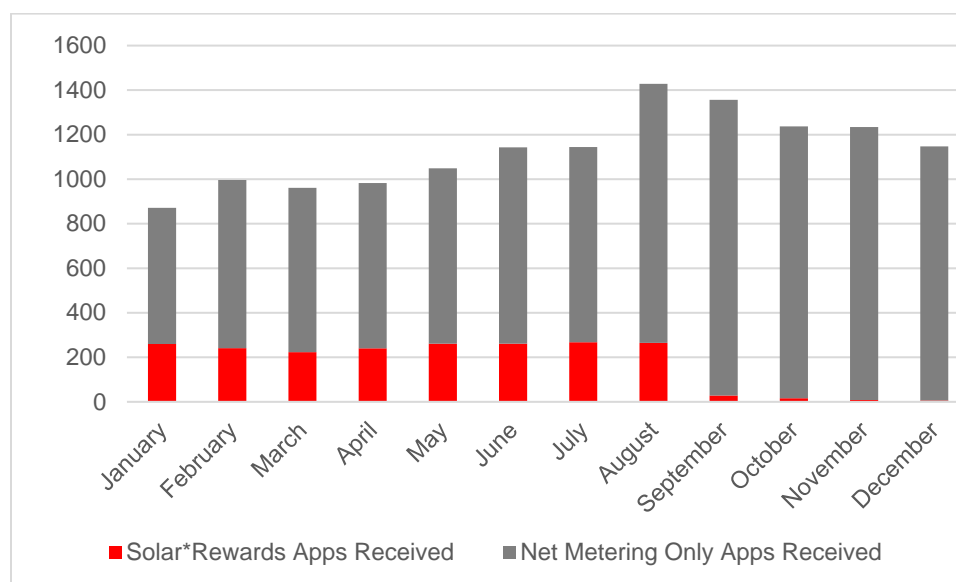
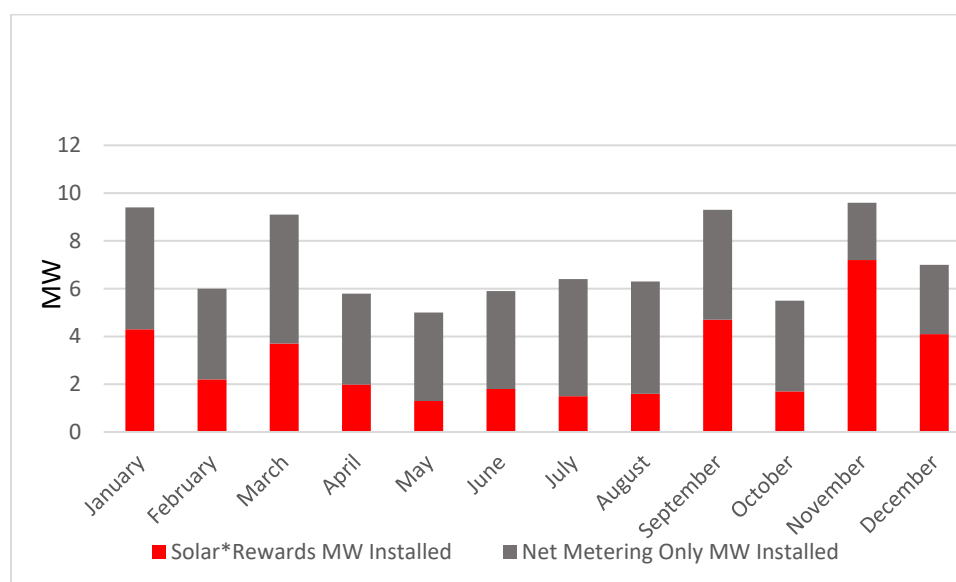
RETAIL DISTRIBUTED GENERATION

At the end of 2021, the Company had more than 600_{DC} MW of retail distributed generation on our Colorado system. The Company did see a decline in applications received and installations in 2020 likely due, at least in part, to the COVID-19 pandemic. The Company is pleased to report that the 2021 numbers have begun to rebound and installation numbers for 2021 remained above 2020 numbers throughout the year.

Solar*Rewards®

The Company continues to see growing interest from customers for smaller solar system installations. Since 2017, Public service has seen approximately a 25 percent increase in applications received. In 2021, the Company received over 2,000 Solar*Rewards® applications for small systems. Over 2,200 small solar systems were installed for a total of approximately 14 MW.⁶ For 2021, the Company is continuing to see more applications for smaller systems (systems up to 25 kW) being interconnected outside of its Solar*Rewards® Program (commonly referred to as Net Metered Only systems) than inside the program. In 2021, over 11,000 Net Metered Only applications were received and more than 7,600 were installed for a total of approximately 50 MW. The charts below show the number of applications in terms of the number of applications received and capacity installed.

⁶ Systems are not always installed in the same calendar year in which applications are received.

Figure 1: Monthly On-site Solar Applications in 2021**Figure 2: Monthly On-site Solar MW Installed in 2021**

For medium systems in 2021, 67 total applications were received and 67 systems were installed for a total of approximately 9 MW. The Medium Program capacity was opened on a half-year basis of 12 MW in 1H 2021 and 2H 2021.

The Company announced its Solar*Rewards® Large Request for Proposal (“RFP”) on April 19, 2021, for customer-sited projects. The RFP sought up to 26 MW of net-metered projects larger than 500 kW, in total, including a target of 4 MW of “smaller” projects from 0.5 and 1.5 MW. The 26 MW of capacity sought through the RFP included 6 MW that

was rolled over from the 2020 RFP. The Company received bids on June 2, 2021. Public Service received eight bids from three different solar developers. The average bid price was \$34.20/MWh and the total capacity of bids received was over 29 MW. For the targeted “smaller” projects offering, the Company received two bids from two different bidders. The average price for these “smaller” projects was \$37.80/MWh and a total capacity at nearly 2 MW. Table 3 below presents the projects that were ultimately awarded capacity in the RFP.

Table 3: Solar*Rewards Large RFP Awards

Developer Name	Customer	MW_{DC}	Proposed COD date
Oak Leaf Energy Partners	DIA 9B	3.004	3/1/2023
Oak Leaf Energy Partners	DIA 9C	3.004	3/1/2023
Oak Leaf Energy Partners	DIA 9D	3.004	3/1/2023
Oak Leaf Energy Partners	DIA 9E	3.004	3/1/2023
Oak Leaf Energy Partners	DIA 9F	1.001	3/1/2023
RKB Energy	Careus Piceance	12.377	3/1/2023

Energy Storage

2021 was another productive year in which the Company continued its engagement with installers and manufacturers directly to review proposed Energy Storage Systems (“ESS”) through an initial review process to confirm they meet the storage principles and guidelines agreed to in the Distribution Grid and Interconnection Stakeholder Group (“Grid” Stakeholder Group). 45 ESS design configurations have been approved through the initial review process providing a variety of options for customers to interconnect batteries. Subsequent applications are compared with the initial review documents for expedited approval of the official applications.⁷ The Company received nearly 700

⁷ In 2018, there were 15 ESS design configurations.

applications for energy storage systems in 2021. Cumulatively, by the end of 2021, the Company had over 1,600 applications received with nearly 1000 installations. The Company's Solar*Rewards® program team along with Distribution Engineering have continued their outreach opportunities with developers to do equipment reviews to streamline the application process.

Solar*Rewards Community® – Solar Gardens

In October 2021, the program released the 2021 RFP with awards taking place in January 2022. The RFP received ample responses from developers like the demand received in previous RFPs. Similar to the 2020 RFP offering and in compliance with Decision No. C20-0289 in Proceeding No. 19A-0369E, the Company issued an RFP seeking up to 75MW_{AC}. The Company received bids from nine bidders with a total capacity of the bids at 500 MW. At the time of this filing, the associated 2021 standard offer, for 10MW_{AC}, has been delayed indefinitely pending interpretation issues associated with the 2020-21 RES Plan Decision.

The 2021 RFP issued awards for 37.1 MW_{AC} on January 12, 2022. The Company notes that bid prices received in the 2021 RFP were significantly higher than historical trends and decided to request Commission input on whether the Company should continue to award the planned capacity of 74.4 MW. Through Decision No. C22-0218, the Commission ordered the Company to award the maximum RFP award of 74.4 MW. Nearly 100 percent of the awarded capacity in the standard RFP resulted in capacity serving Residential Rate Class customers.

The Company also notes that of the 74.4 MW_{AC} awarded, more than 66 MW are dedicated to income qualified ("IQ") customers which is well above the ten percent targeted in the RFP. The capacity dedicated to IQ customers is enough to service approximately 16,000 IQ residential customers with free subscriptions and access to full CSG bill credit benefits per year.

During 2021, the Company continued to work closely with the CSG development community to address interconnection challenges. In 2020, the Company began taking several approaches to address these challenges, such as introducing a provisional study option which allows for two interconnection locations to be studied concurrently per existing CSG award and providing developers with a meeting to discuss customer options following the interconnection screen, study, and design to provide insight into Public Service's finding beyond what was included in the report. In 2021, in preparation for the RFP, Public Service completed over 147 pre-application data requests to help screen sites for developers. In addition, the Company screened various feeders and provided industry with targeted areas to help them understand capacity availability throughout our territory. These targeted areas were the result of industry survey efforts asking developers where they plan to site CSGs and bid into the 2021 RFP. These feeder

screenings were done and shared with industry prior to the RFP release to give them ample time to procure land interconnecting to those feeders before the RFP. As the program moved to 5 MW garden sizing and switching from DC sizing to AC, we have worked with industry to help provide tools related to larger sizing and primary metering for CSGs and have offered customer options meetings following every interconnection level II screen to provide additional insight into the review process

Renewable*Connect®

2021 was the third year of operations for the Renewable*Connect® program, from the Settlement Agreement reached in Proceeding Nos. 16AL-0048E and 16A-0055E. In the Settlement Agreement, Public Service agreed to file with the Commission annual reports including total program expenditures, total revenues, number of participants, program term capacities, unsubscribed energy volumes, excess revenue applied to the RESA, participation by rate class, and number and capacity of customers on the waitlist.⁸ The Company has chosen the RES Report as the vehicle to report this information as it can be compared to other renewable energy programs and is providing work papers to Commission Staff in support of the information provided below. Below are summaries of the program results for 2021.

Program Participation

The program was essentially fully subscribed during 2021 with light customer turnover. The Company maintains a waitlist for the program and can quickly replace customers who choose to exit the program. The tables below report the program participation by rate class, by contract term, and the waitlist.

Table 4: Renewable*Connect Participants by Rate Class and Capacity

Customer Count by Rate Class					
	R	C	SG	PG	TG
Count	2,481	543	151	12	1
Program Capacity by Rate Class					
	R	C	SG	PG	TG
kW	6,994	2,953	30,843	8,196	1,015

⁸ Decision No. C16-1075.

Table 5: Renewable*Connect Contract Durations

Customer Count by Term			
Count	MTM	5 Year	10 Year
	1,029	663	1,496
Capacity by Term			
kW	MTM	5 Year	10 Year
	2,566	2,423	45,011

Table 6: Renewable*Connect Waitlist

Waitlist		
	Residential	Business
Count	3,768	171
kW	55,108	185,458

Program Financial Performance

2021 was a successful year of operations for Renewable*Connect®. With full subscription, the program was able to generate revenues in excess of program costs and thus yield program earnings. Per the Settlement Agreement in the aforementioned Proceedings, the Company can retain earnings up to its weighted average cost of capital ("WACC") with any excess earnings contributed to the RESA. The table below reports the program revenues, costs, earnings (both retained by the Company and contributed to the RESA). Included is the unsubscribed energy volumes from the light customer churn in the program.

Table 7: 2021 Renewable*Connect Financial Performance

2021 Financial Performance	
Revenues:	
R*C Customer Charges	\$3,991,543
Costs:	
Purchase Power	\$3,519,496
Solar Integration	\$48,390
Program Administration	\$28,578
Earnings:	\$395,079
Company (6.90%)	\$248,156
RESA	\$146,924
Unsubscribed Energy	
kWh	7,758

The excess earnings were credited to the RESA in December 2021. As mentioned with essentially a full subscription and a strong waitlist, the Company kept program administration costs low. These factors, and with little to no IT costs in 2021, kept overall program costs minimized relative to the purchase power cost. The Company expects that 2022 will return similar results overall.

REC TRACKING & COMPLIANCE

The Company tracks RECs through an internal REC tracking system and also the Western Renewable Energy Generation Information System ("WREGIS") system. Commission Rule 3659(j) requires all renewable energy resources 1 MW and larger to be registered with WREGIS. WREGIS is a third-party REC tracking and verification system for the western states (including Colorado), developed through a collaborative effort between the Western Governors Association, the Western Regional Air Partnership, and the California Energy Commission. The Company, through Xcel Energy Services Inc. ("XES"), participates in the Stakeholder Advisory, Policy and Change Control Committees of WREGIS. The Company believes that WREGIS and other regional REC tracking and verification systems add significant credibility to, and aid in the development of, REC markets. Xcel Energy's registered generating facilities have been uploading data to WREGIS since the last quarter of 2008.

During the 2021 compliance year, the Company used its internal REC tracking database to retire RECs from distributed generation solar facilities under 1 MW for 2021 RES compliance. Any WREGIS RECs that were used for 2021 compliance, Renewable*Connect®, Certified Renewable Percentage, or Windsource® were also retired in WREGIS. During the 2021 compliance year the Company maintained its internal REC tracking database and WREGIS in tandem.

WREGIS collects generation from eligible renewable energy resources and complies with a standard procedure to review such generation feasibility standards and subsequently creates RECs 90 days post reporting period. WREGIS also uses an algorithm to confirm if reported generation is within an expected or normal range as determined by the size of the generator and previous months' recorded output. If generation falls outside of this typical range or exceeds the anticipated MWhs reported, the system will trigger a warning and seek additional manual review to ensure accuracy before RECs will be issued.

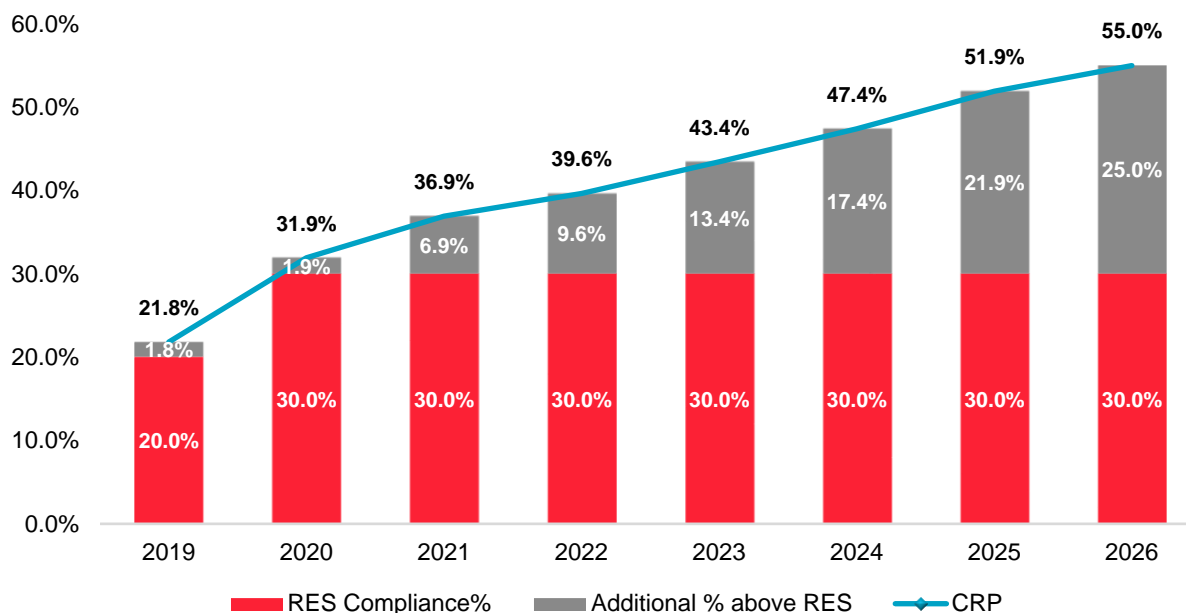
In December of 2021, wind generation volumes across much of eastern Colorado consisted of unusually high conditions, which resulted in a more thorough and in-depth generation verification process by the WREGIS Tracking System Administrators. This additional verification caused a delay in REC issuances for two of the Company's largest wind farms, Rush Creek and Cheyenne Ridge, until June 1. Due to the timing of the final REC count collection, the Company requested and was granted a variance to extend the

RES Compliance Report filing from June 1 to July 1 (Decision No. C22-0296 in Proceeding No. 19A-0369E).

Certified Renewable Percentage

The Certified Renewable Percentage (“CRP”) is a voluntary information offering under which the Company will retire RECs above its Renewable Energy Standard compliance requirements so that the total RECs retired in each calendar year will represent the total renewable energy provided to retail customers from the Company’s system. This incremental retirement in each calendar year allows retail customers to better account for and claim the renewable energy delivered from the Company’s system in their efforts to satisfy their specific renewable energy goals. The CRP is discussed in much greater detail, including a detailed formula, the Direct and Rebuttal Testimony of Mr. Jack Ihle in Proceeding No. 19AL-0268E.

In Proceeding No. 19AL-0268E, through Decision No. C20-0096, the Commission directed Public Service to work with interested intervenors in that Proceeding to improve the CRP implementation before initiating the offering. Public Service did so and filed with the Commission a Notice of Public Service Company of Colorado Regarding the Certified Renewable Percentage on April 13, 2020. Within that Notice, Public Service and other parties agreed to some implementation and reporting actions to enhance the value of the CRP. Most notably for this Proceeding, Public Service forecasted a likely trajectory for the increase of the CRP value over the next several years. Public Service and the interested intervenors agreed that Public Service will make a good faith effort to steadily increase the CRP value over time, starting at approximately 31.9 percent in 2020 and reaching 55 percent in 2026. The Company’s CRP forecast through 2026 is provided in the table below.

Figure 3: Public Service Certified Renewable Percentage Forecast - 2019 – 2026

The Company is reporting the CRP and providing further detail of that calculation as part of Attachment B to this Report. For 2021, the CRP is 38.2 percent. This value will also be available to interested parties on the Company's web site and will also be reported in the annual Community Energy Reports.

Demonstration of Compliance

To demonstrate compliance with the Colorado 2021 RES, Public Service has included several attachments to this report providing the data identified in Rule 3662, which are set forth in Attachment A, Rule Requirements.

Attachment B shows the Company's 2021 actual retail energy sales and lays out the resulting Renewable Energy Standard compliance requirements which flow from those sale numbers.

Attachment C, Renewable Energy Credit Compliance Summary, is similar to Tables 4-2 and 4-3 as originally filed in our 2020-21 RES Compliance Plan, Volume 2. The numbers reflect actual RECs generated in 2021 and RECs used for compliance in 2020. As mentioned above the Company is also reporting the CRP for 2021 in this Attachment.

Attachment D compares the 2021 RESA forecasted expenditures and revenues to the actual expenditures and revenues. It also compares the 2021 forecasted RESA deferred account balance and the 2021 actual RESA deferred account balance. The Company designed this attachment so that it reflects the relevant information contained in Tables

7-2 (a) – (c) as filed in the Direct Testimony of Jack W. Ihle, Attachment JW1-2, in the 2020-21 RE Plan. Although Attachment D reflects the actual totals by column, it also contains a breakdown of the actual costs by individual resource. This segregation of costs by resource allows one to easily assess the resources that contributed to the actual RESA costs for 2021.

Attachment E sets forth each individual resource that has costs that are allocated between the RESA and the ECA and provides the incremental costs for each resource expressed as \$/MWh charged in 2021. Set forth at the bottom of the attachment are the adjustments, if any, made to the \$/MWh figure. Second, Attachment E shows the Average Hourly Incremental Cost (“AHIC”) for 2021 and volumes of Solar*Rewards® that elected to sell excess kWh credits to the Company per Rule 3664 (b). The AHIC is also used to compensate Solar*Rewards Community® garden owners for unsubscribed energy required by Rule 3665 (c)(V). The 2021 volumes of the unsubscribed energy are also shown in Attachment E.

As part of Commission Decision No. C11-1080 approving the Company’s 2010 RES Compliance Plan, the Commission directed the Company to provide comparisons between the modeled incremental costs and the actual incremental costs of eligible energy resources that are charged against the RESA account, and to provide an explanation of significant deviations. Attachment D provides the modeled costs as compared to actuals and Attachment F explains the differences between the modeled costs and the actual costs of eligible energy resources to the extent the variance is notable.

Attachment G provides a table with all S*RC projects that are either operational or that have been awarded and are in various stages of development.

Attachment H lists all Solar*Rewards Community® contracts signed since the Company’s last Compliance Report and due to the voluminous nature of the contracts will provide individual contracts upon request.

Attachment I contains the Solar*Rewards Community® volumes and corresponding billing credits per rate class, and the total number of unsubscribed kWhs as required by Rule 3662 (a)(XVIII). Also included in Attachment I are associated metrics regarding income-qualified subscriptions.

Attachment J contains the Colorado Energy Office’s 2021 Report on its Solar for Low-income and the Weatherization Assistance Program. This report is required to be filed in the 2020-2021 RES Reports as required per the Comprehensive Settlement Agreement in Proceeding No. 16A-0139E.

Finally, Attachment K summarizes activities associated with three of the Stakeholder Groups (other than the Pilot Stakeholder Group) that were formed following that proceeding. Summaries include discussion items and outcomes including any recommendations that the Company has for next steps.

Because the Company is not claiming that the retail rate impact cap limitation inhibited its ability to meet the requirements, there is no need to report the data required in Subsection (a) (XIV) of Rule 3662.

In compliance with Rule 3662 (XV), the Commission has approved the Company's methodology for calculating the retail rate impact for the 2021 RES compliance year. Because the Company is not claiming that the retail rate impact cap limited its ability to comply with the 2021 RES, no modifications pertaining to the calculation of the retail rate impact for 2021 were necessary.

The Company is providing the Commission with an electronic copy of this filing, as well as posting it on the Company's website at www.xcelenergy.com under "Filings" in the Rates and Regulations directory.



BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF COLORADO

PROCEEDING NO. 19A-0369E

IN THE MATTER OF THE APPLICATION OF PUBLIC SERVICE COMPANY OF COLORADO FOR
APPROVAL OF ITS 2020-2021 RENEWABLE ENERGY COMPLIANCE PLAN.

NOTICE OF FILING OF 2021 RENEWABLE ENERGY
STANDARD COMPLIANCE REPORT

TO THE PARTIES IN THIS MATTER AND ALL INTERESTED PERSONS, FIRMS OR
CORPORATIONS:

You are notified that a report has been filed with the Colorado Public Utilities Commission on July 1, 2022 by the Public Service Company of Colorado, 1800 Larimer Street Suite 1400 Denver, CO 80202-1414, **for approval of its 2021 Renewable Energy Standard Compliance Plan Report**. The report is available for public inspection by accessing the Commission's E-Filing system at colorado.gov/dora/puc.

Any person desiring to file comments in this proceeding shall do so **within 30 days** after the date of this Notice.

The Commission may, without a hearing or further notice, determine any which is uncontested or unopposed, if a hearing is not requested or required by law.

If a hearing is required in this matter, the Commission will notify the parties of the hearing date, time and location. Petitioners must appear at the hearing, if one is set, and present evidence in support of their petition. Other parties may appear and present evidence in support of their position.

Dated at Denver, Colorado, this 5th day of June, 2022.

(S E A L)



THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF COLORADO

DOUG DEAN, Director
Colorado Public Utilities Commission
1560 Broadway, Suite 250, Denver, Colorado 80202

ATTEST: A TRUE COPY

DOUG DEAN, Director

CPUC Rule	Required Information
Rule 3662 (a)	The utility shall file an annual Renewable Energy Standard (RES) compliance report no later than June 1 to report on the status of the qualifying retail utility's (QRU) compliance with the RES for the most recently completed compliance year. The compliance report shall include the following:
3662(a)(I)	The total MWH sold by the QRU to its retail customers and the associated eligible energy required for compliance with the RES, including the requirements for retail and wholesale renewable distributed generation.
3662(a)(II)	The total amount and source of eligible energy and RECs acquired by the QRU during the compliance year for to meet the RES, including the requirements for retail and wholesale renewable distributed generation. The QRU shall separately identify and quantify amounts of eligible energy and RECs by each type of resource. The QRU shall also separately identify eligible energy and RECs generated by early eligible energy resources.
3662(a)(III)	The total amount of RECs by category acquired by QRU during the compliance year and the total amount and source of eligible energy generated by the QRU-owned energy resource.
3662(a)(IV)	The total amount of eligible energy and RECs borrowed forward in previous compliance years that were made up during the compliance year to achieve compliance.
3662(a)(V)	The total amount of eligible energy and RECs borrowed forward from future compliance years to achieve compliance in the compliance year.
3662(a)(VI)	The total amount and source of eligible energy and RECs the QRU is carrying back from the year following the compliance year to achieve compliance in the compliance year.
3662(a)(VII)	The total amount of eligible energy and RECs the QRU has carried forward from prior calendar years to apply in the compliance year.
3662(a)(VIII)	The total amount of eligible energy and RECs the QRU has acquired in the compliance year that the QRU proposes to carry forward to future years for each component of the RES.
3662(a)(IX)	The total amount of eligible energy and RECs the QRU has counted toward compliance with the RES, including the requirements for retail and wholesale renewable distributed generation in the compliance year. The QRU shall separately identify amounts of renewable energy by each type of resource and eligible energy or RECs generated by early eligible energy resources.
3662(a)(X)	The total amount of renewable energy or RECs acquired by the QRU pursuant to the SRO program.
3662(a)(XI)	The total amount of RECs retired by the QRU pursuant to a voluntary green pricing program.
3662(a)(XII)	The total amount of RECs sold or traded by the QRU during the compliance year along with the profit and losses and the method for calculating these margins.
3662(a)(XIII)	Whether the QRU has invested in any eligible energy resource and the status of that resource.
3662(a)(XIV)	The funds expended from the RESA account and other revenue sources and the retail rate impact of the eligible energy and RECs acquired by the QRU. If the QRU

CPUC Rule	Required Information
	has not acquired sufficient eligible energy and RECs to meet the RES or the requirements for renewable distributed generation due to the retail rate impact cap, the retail rate impact cap shall be recalculated based on the actual compliance year values. If the recalculation demonstrates that additional funds are available based on actual compliance year values, the QRU shall use those additional funds to acquire RECs to achieve the compliance levels or until the additional funds have been spent if the QRU intends to claim that the retail rate impact cap prevented it from achieving compliance with the standard.
3662(a)(XV)	A description of the method used to develop the retail rate impact calculation.
3662(a)(XVI)	The proposed calculation of on-going annual net incremental costs for eligible energy resources that will come on line prior to the end of the following compliance year that have not been locked down pursuant to an QRU's compliance plan filing.
3662(a)(XVII)	The funds advanced by the QRU during the compliance year to augment the amounts collected from retail customers through the RESA.
3662(a)(XVIII)	The average hourly incremental cost of electricity during the compliance year, the total number of CSG kWh which were unsubscribed for each CSG during that period, and the total kWh and corresponding billing credits paid to CSG subscribers during the compliance year by each retail rate class for each CSG.
3662(b)	The QRU must explain whether it achieved compliance with the RES, or explain why the QRU had difficulty meeting the RES.
3662(c)	If the QRU did not comply with its RES as a direct result of absolute limitations within a requirements contract from a wholesale electric supplier, then the QRU must explain whether it acquired a sufficient amount of either eligible RECs or documented and verified energy savings through energy efficiency and/or conservation programs.
3662(d)	On the same date that the QRU files its annual RES compliance report, the QRU shall post its annual compliance report excluding confidential material on its public website .
3662(e)	On the same date that the RES compliance report, if the QRU did not file using the Commission's E-Filings System, it shall provide the Commission with an electronic version of its annual compliance report excluding confidential material. The Commission may place the non-confidential portion of the annual compliance report on the Commission's public website.
3607(f)	Each qualifying wholesale utility shall submit an annual report to the Commission no later than June 1 of each year. In addition, the qualifying wholesale utility shall post each annual report on its website. The report shall include the following:
3662(f)(I)	Describe the steps it took to comply with the RES of 20 percent of retail sales by 2020

CPUC Rule	Required Information
3662(f)(II)	For the compliance years before 2020, describe whether it is making sufficient progress toward meeting the standard in 2020 or is likely to meet the 2020 standard early. If it is not making sufficient progress towards the standard in 2020, it shall explain why and indicate the steps it intends to take to increase the pace of progress.
3607(f)(III)	For the 2020 compliance year and each compliance year thereafter, describe whether it has achieved compliance with the RES and whether it anticipates continuing to do so. If it has not achieved such compliance or does not anticipate continuing to do so, it shall explain why and shall indicate the steps it intends to take to meet the standard and by what date.

2021 Renewable Energy Standard Compliance Report
Public Service Company of Colorado
Attachment B

2021 Forecasted Renewable Energy Standard Compliance Amounts

Row				Notes	%
1	Colorado Retail Electric Sales	28,927,119 MWh			100.000%
2	Total RES Requirement	8,678,136	RECs	30% × (1) Colorado Retail Electric Sales	30.000%
3	DG Requirement	867,814	RECs	3% × (1) Colorado Retail Electric Sales	3.000%
4	Retail DG RES Requirement	433,907	RECs	50% × (3) DG Requirement	1.500%
5	Wholesale DG RES Requirement	433,907	RECs	(3) DG Requirement - (4) Retail DG RES Requirement	1.500%
6	Non-DG RES Requirement	7,810,322	RECs	(2) Total RES Requirement - (3) DG Requirement	27.000%
7					
8	Summary Compliance Table				
9	Compliance	8,678,136			
10	Windsorce Credit	(82,115)			
11	RECs (Retail DG, Wholesale DG, and Non DG)	(7,312,268)			
12					
13	Bonus RECs	(1,283,753)			
14					
15	Balance	0			
16					
17	Summary Compliance Table Disaggregated				
18	Compliance	8,678,136			
19	Windsorce Credit	(82,115)			
20	RECs (Retail DG)	(573,191)			
21	RECs (Wholesale DG)	(473,881)			
22	RECs (Non DG)	(6,265,196)			
23	Bonus RECs	(1,283,753)			
24	Balance	0			
25					
26	Summary Compliance Table Aggregated				
27	Compliance	8,678,136			
28	Windsorce Credit	(82,115)			
29	RECs (Retail DG) + Bonus	(594,989)			
30	RECs (Wholesale DG) + Bonus	(592,353)			
31	RECs (Non DG) + Bonus	(7,408,679)			
32					
33	Balance	0			

2021 Renewable Energy Standard Compliance Report
Public Service Company of Colorado
Attachment B

RES Retirements	Vintage	Vintage	Vintage	Vintage	Vintage	Bonus	WindSource	
Fuel Type	2017	2018	2019	2020	2021	RECs	Credit	Total
Solar	447,812	213,609	368,312	204,879	-	68,354		1,302,966
Wind	3,427,389	2,423,776	-	-	-	1,158,775	82,115	7,092,055
Biomass	21,266	-	-	-	-	5,317		26,583
Hydro	205,225	-	-	-	-	51,307		256,532
Total	4,101,692	2,637,385	368,312	204,879	-	1,283,753	82,115	8,678,136



Certified Renewable Percent Summary

$$CRP = \frac{\left(\frac{Wholesale}{DG} + NonDG + \frac{Solar}{Rewards} + \frac{SR}{Community} \right) - \left(\frac{Renewable}{Connect} + Windsource + \frac{Wholesale \&}{Boulder \ Transfers} + \frac{REC}{Sales} + \frac{Trade \ Margin}{Adjustment} \right)}{PSCO \ Retail \ Sales_{including \ SR \ Community} + \frac{Solar}{Rewards}}$$

CRP	=	$\frac{11,217,574}{29,330,527}$	=	38.2%
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CRP Numerator		RECs retired for RES compliance		Additional RECs to retire for CRP
11,217,574	-	8,678,136	→	2,539,438

Additional RECs to retire for CRP

Fuel Type Vintage Year	2017	2018	2019	2020	2021
Solar	-	-	-	-	253,944
Wind	-	-	-	-	2,272,801
Biomass	-	-	-	-	2,539
Hydro	-	-	-	-	10,154
Total	-	-	-	-	2,539,438

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46	Wholesale DG Hydropower
47	<u>Company-Owned Generation:</u>
48	06/01/1906 Ames
49	06/01/1906 Georgetown I
50	06/01/1908 Georgetown II
51	06/01/1929 Salida I
52	06/01/1908 Salida II
53	05/01/1909 Shoshone I
54	06/01/1908 Shoshone II
55	06/01/1906 Tacoma I
56	06/01/1905 Tacoma II
57	<u>Power Purchase w/RECs:</u>
58	
59	12/18/1987 Betasso
60	02/01/2004 Lakewood
61	05/01/2000 Silver Lake
62	01/01/2009 Kohler
63	01/01/2009 Maxwell
64	01/01/2009 Orodell
65	02/01/2009 Sunshine
66	10/01/1987 Dillon Dam
67	05/01/1985 Foothills
68	06/01/1993 Hillcrest
69	01/01/1988 Roberts Tunnel
70	07/01/1986 Strontia Springs
71	08/01/2007 Gross Reservoir
72	6/27/2015 Ute Hydro
73	08/01/1931 Redlands
74	01/01/2010 Stagecoach
75	01/01/1932 Grand Valley
76	01/01/1932 Orchard Mesa

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Attachment C - Renewable Energy Credits Acquired/Transferred
Public Service Company of Colorado
2021 Renewable Energy Standard Compliance Report

Wholesale DG Wind		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
Company Owned Generation								
	Ponnequin II	-	0				0	
	Ponnequin III	-	0				0	
	Ponnequin IV	-	0				0	
	Ponnequin V	-	0				0	
	Ponnequin VI	-	0				0	
Power Purchase w/RECs:								
	Northern Colorado Wind II	22.50	58,096			7,351	50,745	29%
	NREL Siemens	2.30	0			0	0	0%
	Ponnequin I	-	0				0	
	Ridgecrest	-	48,378				48,378	
Total Wholesale DG Wind			106,474	0	0	7,351	99,123	
Wholesale DG Biomass		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
Power Purchase w/RECs:								
	75th St Digester	-	0					
	WM Denver/Aurora Disposal Site	3.28	20,678			1,370	19,308	72%
Total Wholesale DG Biomass			20,678	0	0	1,370	19,308	

Attachment C - Renewable Energy Credits Acquired/Transferred
Public Service Company of Colorado
2021 Renewable Energy Standard Compliance Report

47	Wholesale DG Hydropower		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
48	Company-Owned Generation:								
49		Ames	2.80	5,260			144	5,116	21%
50		Georgetown I	0.70	2,034			46	1,988	33%
51		Georgetown II	0.70	1,395			6	1,389	23%
52		Salida I							
53		Salida II	0.65	1,588			0	1,588	28%
54		Shoshone I	7.20	28,571			2,716	25,855	45%
55		Shoshone II	7.20	14,316			0	14,316	23%
56		Tacoma I	2.20	0			0	0	0%
57		Tacoma II	2.20	0			0	0	0%
58	Power Purchase w/RECs:								
59		Betasso	3.00	6,007	3,004		0	3,003	23%
60		Lakewood	3.50	7,008	3,504		0	3,504	23%
61		Silver Lake	3.30	8,542	4,271		0	4,271	30%
62		Kohler		0					
63		Maxwell		0					
64		Orodell		0					
65		Sunshine		0					
66		Dillon Dam	1.80	10,724			3,759	6,965	68%
67		Foothills	3.10	5,208			0	5,208	19%
68		Hillcrest	2.00	6,277			0	6,277	36%
69		Roberts Tunnel	5.50	17			0	17	0%
70		Strontia Springs	1.00	7,623			0	7,623	87%
71		Gross Reservoir	7.80	11,707			0	11,707	17%
72		Ute Hydro	0.23	587			0	587	30%
73		Redlands	1.40	6,342			0	6,342	52%
74		Stagecoach							
75		Grand Valley	1.50	0			0	0	0%
76		Orchard Mesa	1.50	0			0	0	0%
77									
78	Total Wholesale DG Hydropower			123,206	10,779	0	6,671	105,756	
79									
80	Total Wholesale DG			420,758	10,779	0	26,186	383,793	
81									

Attachment C - Renewable Energy Credits Acquired/Transferred
Public Service Company of Colorado
2021 Renewable Energy Standard Compliance Report

Non-DG Wind			Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
Company-Owned Generation:									
		Rush Creek	600.00	2,129,792			0	2,129,792	41%
		Cheyenne Ridge	499.00	1,740,267			0	1,740,267	22%
Power Purchase w/RECs:									
		Cedar Creek	300.50	550,375			382,505	167,870	21%
		Cedar Creek II	250.80	470,110			269,359	200,751	21%
		Bronco Plains	300.00	1,061,297			0	1,061,297	40%
		Mountain Breeze	171.72	611,625			0	611,625	41%
		Cedar Point	252.00	495,998			0	495,998	22%
	Colorado Green	Colorado Green	162.00	535,742			0	535,742	38%
Foote Creek III									
	Golden West Power Partners - Golden West Power Partners	Golden West	249.40	815,622			0	815,622	37%
		Limon Wind	200.00	707,432			69,271	638,161	40%
		Limon Wind II	200.00	596,761			27,710	569,051	34%
		Limon Wind III	200.60	816,179			0	816,179	46%
		Logan	201.00	387,395			21,000	366,395	22%
		Northern Colorado Wind I	151.80	391,552			0	391,552	29%
		Peetz Table	199.50	621,309			0	621,309	36%
		Spring Canyon	60.00	126,529			0	126,529	24%
	Twin Buttes	Twin Buttes	75.00	171,575			0	171,575	26%
Total Non-DG Wind				12,229,560	0	0	769,845	11,459,715	

Attachment C - Renewable Energy Credits Acquired/Transferred
Public Service Company of Colorado
2021 Renewable Energy Standard Compliance Report

Non-DG Solar	Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
Solar Star III (Hooper)	50.00	106,396			0	106,396	24%
Titan Solar	50.00	103,876			0	103,876	24%
Comanche Solar	120.00	248,667			34,777	213,890	24%
Bighorn Solar	240.00	64,710			0	64,710	3%
Total Non-DG Solar		523,649			34,777	488,872	
Total Non-DG		12,753,209	0	0	804,622	11,948,587	
Total Renewable Resources		Retail DG + Wholesale DG + Non-DG	13,795,805	10,779	0	830,808	12,954,218

Notes:

(1) Retail DG solar capacity presented in DC; all other generators presented in AC

Attachment C - RECs Acquired Compliance Plan vs Report
Public Service Company of Colorado
2021 Renewable Energy Standard Compliance Report

		RECs Acquired		
<u>Renewable Resources</u>		2021 RES Compliance Plan*	2021 RES Compliance Report	Percent Difference
Column Reference		a	b	c
Calculation				(b-a) / a
Row				
1	<u>Retail DG Solar Systems</u>	740,083	621,838	-16%
2				
3	<u>Wholesale DG Solar Systems</u>	195,849	170,400	-13%
4				
5	<u>Wholesale DG Wind</u>	135,856	106,474	-22%
6				
7	<u>Wholesale DG Biomass</u>	20,291	20,678	2%
8				
9	<u>Wholesale DG Hydro</u>	192,567	123,206	-36%
10				
11	<u>Non-DG Wind</u>	13,422,358	12,229,560	-9%
12				
13	<u>Non-DG Solar</u>	534,737	523,649	-2%
14				
15	Total Renewable Resources	15,241,742	13,795,805	-9%

Attachment C - Certified Renewable Percent
 Public Service Company of Colorado
 2021 Renewable Energy Standard Compliance Report

Row	All values in MWh RECs unless otherwise noted		2021
1	Colorado Sales		
2	Total PSCo Retail Sales		28,927,119
3	Total PSCo Trade Margin Sales		1,114,787
4	Trade Margin Sales as a percent of Total Sales		3.7%
5	RECs Allocated to CO		
6	Solar*Rewards Community (CSG)		214,799
7	Wholesale DG RECs Gen		420,758
8	Non DG RECs Gen		12,753,209
9			13,388,766
10			
11	Small Customer-Owned (<25 kW)		90,246
12	Small Third Party Developer (<25 kW)		116,702
13	Medium 1 (25.01 - 500 kW)		142,747
14	RFP Large		57,344
15	RFP Large (off-grid)		(3,630.67)
16	REC Only		-
17	Solar Rewards Generation		403,408
18			
19	Total CO Renewable Gen		13,792,174
20			
21	Adjustments		
22	Trade Margin Adjustment		511,796
23	Purchased RECs		0
24	Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington		830,808
25	Wholesale Transfers: Boulder		10,779
26	REC Sales		850,000
27			
28	REC Retirements and Attribution		
29	RES Obligation %		30%
30	RECs retired for RES compliance		8,678,136
31	Renewable*Connect Sales		97,501
32	Windsor Sales		273,716
33			
34	CRP Calculation		
35	CRP Numerator		11,217,574
36			
37	CRP Denominator		29,330,527
38			
39	Certified Renewable Percentage		38.25%
40			
41	Additional RECs to retire for CRP		2,539,438
42			
43			
44			
45	Total PSCo Retail Sales		28,927,119
46	RECs retired for RES compliance		8,678,136
47	Additional RECs to retire for CRP		2,539,438
48	Total RECs retired for RES & CRP		11,217,574
49			
50	RES Compliance%		30.0%
51	Additional % beyond RES		8.2%
52	Certified Renewable Percentage		38.25%

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
	Total Renewable Energy Costs*					RESA Related Revenues				RESA Related Expenditures		RESA Balance			
	On-Site Solar Costs	Central Solar Costs	Wind Energy Costs	Other Renewable Energy Costs	Total Renewable Energy Costs	RESA Rider Revenue	Windsource Revenue	REC Margins	Total RESA Revenue**	Incremental Costs	RESA/ WRGIS/ Windsource ADM	Annual Excess / (Deficiency)	Interest	Annual Excess / (Deficiency)	Rolling Balance
												Deferred Rolling Balance at December 31, 2020			
Model - 2021	\$54,629,117	\$61,528,701	\$330,577,988	\$0	\$446,735,806	\$27,010,362	\$3,192,930	\$0	\$32,492,779	\$39,818,806	\$1,527,126	(\$8,853,153)	\$3,209,760	(\$5,643,393)	\$49,741,501
Adjusted Actual 2021	\$49,955,101	\$57,219,961	\$115,725,081	\$0	\$222,900,143	\$30,248,258	\$4,096,275	\$6,504,727	\$40,849,260	\$38,926,398	\$3,164,658	(\$1,241,796)	\$3,535,755	\$2,293,959	\$52,424,724
Delta***	\$4,674,016	\$4,308,740	\$214,852,908	\$0	\$223,835,663	-\$3,237,896	(\$903,345)	(\$6,504,727)	(\$8,356,481)	\$892,408	(\$1,637,532)	(\$7,611,357)	(\$325,996)	(\$7,937,353)	(\$2,683,223)

***Note: Delta = Modeled minus Adjusted Actual

Onsite Solar	
S*R RECs	25,805,075
CEO Low Income Rooftop	739,686
S*RC - REC	7,721,743
S*RCS Tariff	15,688,597
Total	\$ 49,955,101

Solar	
SunE Alamosa	2,698,317
Sunpower	6,678,438
Congentrix of Alamosa	6,997,159
San Luis Solar	10,371,876
Comanche Solar	19,002,327
Solar Star	7,371,851
Titan Solar (R*C)	4,099,994
Total	\$ 57,219,961

Wind	
Bronco Plain	15,054,706
Cedar Creek II	33,284,953
Cedar Point Wind, LLC	49,506,083
Mountain Breeze	10,833,952
Golden West	26,045,005
Limon I	25,309,276
Limon II	21,661,723
Limon III	22,309,208
Northern CO Wind II	5,136,771
Northern CO Wind	29,941,243
Colorado Green	7,201,865
Ridge Crest	1,124,652
Rush Creek/Cheyenne	
Ridge (See Attachment F)	(131,684,355)
Total	\$ 115,725,081

*ECA Unlocked & Locked Resources (Tables 7-2(a) & 7-2(b)).

**Includes Wholesale Customer RESA RJA Credit.

Incremental Costs	
S*R	
Pre-2009 - 2017	25,805,075
CEO Low Income Rooftop	739,686
On-site Avoided	(24,792,487)
	\$ 1,752,274

Incremental Costs	
S*R Community	
S*RC	7,721,743
S*RC Sub/Unsubscribed	-
	\$ 7,721,743

Utility Solar	
Sunpower (Sandhill)	3,386,161
SunE Alamosa	1,640,956
San Luis	4,850,033
Comanche Solar	7,409
Solar Star	(481,900)
	\$ 9,402,659

Wind	
Bronco Plain	(543,616)
Cedar Point	12,499,210
Cedar Creek II	8,763,599
Mountain Breeze	4,563,222
Limon I	(4,826,776)
Limon II	(4,477,327)
Limon III	(10,955,669)
Northern CO Wind	8,095,062
Northern CO Wind II	1,591,839
Colorado Green	2,519,966
Ridgecrest	(1,023,732)
Golden West	(8,016,522)
Rush Creek/Cheyenne Ridg	11,316,849
	20,049,722
Total	\$ 38,926,398

RES Compliance Report 2021

Attachment E

			2021	2021	2021	2021
Technology	Contract	Generator	Total Cost	RESA Cost	ECA Cost	Renewable* Connect Cost
Hydro	City of Boulder	Betasso/Silverlake	\$ 400,971.53	\$ -	\$ 400,971.53	
Hydro	City of Boulder	Kohler	\$ -	\$ -	\$ -	
Hydro	City of Boulder	Maxwell	\$ -	\$ -	\$ -	
Hydro	City of Boulder	Orodel	\$ -	\$ -	\$ -	
Hydro	City of Boulder	Sunshine	\$ -	\$ -	\$ -	
Hydro	Denver Water Board	Dillon Dam	\$ 374,797.09	\$ -	\$ 374,797.09	
Hydro	Denver Water Board	Foothills	\$ 178,055.58	\$ -	\$ 178,055.58	
Hydro	Denver Water Board	Gross Reservoir	\$ 381,996.88	\$ -	\$ 381,996.88	
Hydro	Denver Water Board	Hillcrest	\$ 222,189.81	\$ -	\$ 222,189.81	
Hydro	Denver Water Board	Roberts Tunnel	\$ 538.74	\$ -	\$ 538.74	
Hydro	Denver Water Board	Strontia Springs	\$ 266,002.69	\$ -	\$ 266,002.69	
Hydro	Grand Valley Water Users Association	Grand Valley Water Users Association	\$ -	\$ -	\$ -	
Hydro	Orchard Mesa Irrigation District	Orchard Mesa Irrigation District	\$ -	\$ -	\$ -	
Hydro	Redlands Water & Powr Company	Redlands Water & Powr Company	\$ 215,045.12	\$ -	\$ 215,045.12	
Hydro	STS Hydropower, LTD.	STS - Mt. Elbert	\$ -	\$ -	\$ -	
Hydro	Black Hills	Black Hills	\$ 8,724.00	\$ -	\$ 8,724.00	
Hydro	Brush 2	Brush 2	\$ 155,832.84	\$ -	\$ 155,832.84	
Hydro	Ute Hydro	Ute Hydro	\$ 0.00	\$ -	\$ 0.00	
Biomass/LT	WM Renewable Energy, LLC	WM Renewable Energy, LLC	\$ 1,367,094.30	\$ -	\$ 1,367,094.30	
			\$ 3,571,248.58	\$ -	\$ 3,571,248.58	\$ -
Solar	Sunpower	SNDHL	\$ 6,678,437.56	\$ 3,386,160.61	\$ 3,292,276.95	
Solar	Miscellaneous Retail Solar Purchases	Miscellaneous Retail Solar Purchases	\$ (1,548,106.87)	\$ -	\$ (1,548,106.87)	
Solar	Solar Gardens subscribed/Unsubscribed	Solar Gardens subscribed/Unsubscribed	\$ 15,506,962.49	\$ 1,738,501.29	\$ 13,768,461.20	
Solar	Cogentrix of Alamosa	Cogentrix of Ala	\$ 6,997,158.90	\$ -	\$ 6,997,158.90	
Solar	San Luis Solar LLC	San Luis Solar LLC	\$ 10,371,875.55	\$ 4,850,033.26	\$ 5,521,842.29	
Solar	SunEAlamosa	SunEAlamosa	\$ 2,698,317.14	\$ 1,640,955.74	\$ 1,057,361.40	
Solar	EPRI Solar Tac	EPRI Solar Tac	\$ -	\$ -	\$ -	
Solar	Comanche Solar PV, LLC	Comanche Solar PV, LLC	\$ 19,002,327.47	\$ 7,408.86	\$ 18,994,918.61	
Solar	Solar Star	Solar Star	\$ 7,371,851.08	\$ (481,899.72)	\$ 7,853,750.80	
Solar	Solar Gardens subscribed/Unsubscribed	Solar Gardens subscribed/Unsubscribed	\$ 181,634.75		\$ 181,634.75	
Solar	Titan Solar, LLC	Titan Solar	\$ 4,099,993.57	\$ -	\$ -	\$ 4,099,993.57
Total Solar			\$ 71,360,451.64	\$ 11,141,160.05	\$ 56,119,298.02	\$ 4,099,993.57
Wind	Alstom Power Inc	Alstom Power Inc	\$ -	\$ -	\$ -	
Wind	Bronco Plain	Bronco Plain	\$ 15,054,705.71	\$ (543,615.68)	\$ 15,598,321.39	
Wind	Cedar Creek	CdrCrk	\$ 37,798,122.49	\$ -	\$ 37,798,122.49	
Wind	Cedar Creek II	Cedar Creek II	\$ 33,284,952.91	\$ 8,763,599.10	\$ 24,521,353.81	
Wind	Cedar Point Wind, LLC	Cedar Point Wind, LLC	\$ 49,506,083.21	\$ 12,499,210.25	\$ 37,006,872.96	
Wind	Mountain Breeze	Mountain Breeze	\$ 10,833,951.92	\$ 4,563,221.86	\$ 6,270,730.06	
Wind	Gamesa Wind US, LLC	Gamesa Wind US, LLC	\$ -	\$ -	\$ -	
Wind	Golden West Power Partners	Golden West Power Partners	\$ 26,045,005.07	\$ (8,016,521.69)	\$ 34,061,526.76	
Wind	Limon I	Limon I	\$ 25,309,275.63	\$ (4,826,775.80)	\$ 30,136,051.43	
Wind	Limon II	Limon II	\$ 21,661,722.77	\$ (4,477,327.17)	\$ 26,139,049.94	
Wind	Limon III	Limon III	\$ 22,309,207.96	\$ (10,955,669.22)	\$ 33,264,877.18	
Wind	Logan	Logan	\$ 28,136,905.43	\$ -	\$ 28,136,905.43	
Wind	National Renewable Energy Laboratory	National Renewable Energy Laboratory	\$ -	\$ -	\$ -	
Wind	Northern CO Wind Energy II	NCoWndII	\$ 5,136,771.34	\$ 1,591,839.28	\$ 3,544,932.06	
Wind	Northern Colorado Wind Farm	NCoWnd	\$ 29,941,242.61	\$ 8,095,061.86	\$ 21,846,180.75	
Wind	PacifiCorp	COLOGREEN	\$ 7,201,864.76	\$ 2,519,966.05	\$ 4,681,898.71	
Wind	Peetz Table	Peetz Table	\$ 35,268,938.02	\$ -	\$ 35,268,938.02	
Wind	Ridge Crest Wind Partners, LLC	RIDGECREST	\$ 1,124,651.65	\$ (1,023,731.85)	\$ 2,148,383.50	
Wind	Siemens Energy, Inc.	Siemens Energy, Inc.	\$ -	\$ -	\$ -	
Wind	Spring Canyon Energy LLC (Invenergy)	SprCanWind	\$ 6,405,862.52	\$ -	\$ 6,405,862.52	
Wind	Twin Buttes	TWNBTS	\$ 11,859,380.69	\$ -	\$ 11,859,380.69	
Wind	Transfers for the Trading Book		\$ 1,428,168.30		\$ 1,428,168.30	
Wind	Owned	Rush Creek / Cheyenne Ridge	\$ (131,684,354.85)	\$ 11,316,849.36	\$ (131,684,354.85)	
			\$ 236,622,458.14	\$ 19,506,106.35	\$ 228,433,201.15	\$ -
Total			\$ 311,554,158.36	\$ 30,647,266.40	\$ 288,123,747.75	\$ 4,099,993.57
Onsite	Avoided Costs		\$ -	\$ (24,792,486.92)	\$ 24,792,486.92	
Total Incremental Costs			\$ 311,554,158.36	\$ 5,854,779.48	\$ 312,916,234.67	\$ 4,099,993.57
Onsite	Common to All Programs		\$ -	\$ -		
Onsite	Customer Sited Solar < 10 kW		\$ 9,064,327.85	\$ 9,064,327.85		
Onsite	Customer Sited Solar >10 kW -500 kW		\$ 10,038,608.53	\$ 10,038,608.53		
Onsite	Customer Sited Solar Large RFP		\$ 6,702,138.21	\$ 6,702,138.21		
Onsite	Small 3rd Party Developer		\$ -	\$ -		
Onsite	Non-Customer Sited Solar		\$ -	\$ -		
Onsite	Wholesale Costs		\$ -	\$ -		
Onsite	Solar Gardens 10-50kW		\$ 7,721,743.15	\$ 7,721,743.15		
Onsite	Solar Gardens 50.01 - 500 kW		\$ -	\$ -		
Onsite	Solar Gardens 500.01 - kW - 2MW		\$ -	\$ -		
Onsite	Low Income Rooftop Solar		\$ 739,686.15	\$ 739,686.15		
Total Other RESA Expense			\$ 34,266,503.89	\$ 34,266,503.89		
				\$ 40,121,283.37	\$ 312,916,234.67	\$ 4,099,993.57

I. INTRODUCTION

In Commission Decision No. C11-1080 approving the Company's 2010 RES Compliance Plan, the Company was directed to provide in its future RES compliance plan reports a comparison between the forecasted and the actual RESA incremental costs of eligible energy resources assessed against the Renewable Energy Standard Adjustment ("RESA") deferred account. The Company was also directed to explain any significant deviations between the Company's modeled and actual RESA incremental costs. This Attachment F is being provided in compliance with this requirement

Two attachments to this report provide the support for this Attachment: Attachments D and E. Attachment D of this report generally presents the differences between the forecasted incremental costs set forth in Table 7-2(a) through (c) in the 2020-21 Plan as filed by Company witness Jack W. Ihle in Direct Testimony, Attachment JWI-2, and the actual RESA incremental costs. Attachment D is a RESA cost view only; it shows the total incremental costs of all eligible energy resources that are charged to the RESA deferred account.

Attachment E of this report shows the total costs of all renewable resources allocated between the ECA and the RESA as required by Decision Nos. R12-0261 and C12-0606.

II. Analysis

The Company performs modeling according to Rule 3661 to determine the amount of costs for eligible energy resources to be allocated between the ECA deferred account and the RESA deferred account.

A. Rule 3661, RESA and ECA Accounting and Monthly RESA Reports

In accordance with Rule 3661, the RESA is only charged the incremental costs of the eligible energy resources on our system installed after July 2, 2006. Rule 3661 details the architecture for how we are to use our computer models to determine the difference in costs between two alternative scenarios of electric resources. The first scenario ("RES Plan") includes the eligible energy resources we propose to acquire. The second scenario (the "No RES Plan") removes the eligible energy resources we propose to acquire and replaces them with those reasonably available non-renewable resources necessary to replace the eligible energy resources so that the Company can meet its capacity and energy requirements. The cost difference between these two model runs equals the incremental costs of the renewable energy we propose to acquire. These incremental costs are allocated to the RESA. The costs calculated as part of the No RES model run are considered "Avoided Energy Costs" and are allocated to the ECA. These costs are considered "avoided" because our acquisition of generation produced from eligible energy resources permits us to avoid, to some extent, acquiring generation from new non-renewable resources, such as additional gas-fired capacity (either combustion

turbine or combined cycle generation), and/or re-dispatching existing resources to satisfy the energy needs of the system.

The process outlined above generally describes the manner in which the costs of energy -- including the incremental costs of eligible energy resources -- are calculated and the accounts to which those costs are ultimately charged. However, the accounting process used to ensure that the proper costs are allocated between the RESA and the ECA is described in detail under the 2020-21 Plan Volume I Section 8 and is incorporated into this Attachment F by reference.

Each month the Company submits to the Commission a "Monthly RESA Report" that is filed under Proceeding No. 06S-016E. The Monthly RESA Report sets forth, among other things, all of the incremental costs for eligible energy resources that are charged to the RESA. These incremental costs charged to the RESA are set forth within the "Summary" tab of the Monthly RESA Report. The monthly "Incremental Costs" of the eligible energy resources acquired under the Solar*Rewards® programs (including Solar*Rewards Community) are set forth under the heading "Expenditure by Type".

The Solar*Rewards® (including Solar*Rewards Community) portion of the Monthly RESA Report also specifies the total -- not just incremental -- costs of each Solar*Rewards® program by program size. The total costs are the annual REC costs for the entire Solar*Rewards® program. These total costs are set forth in the Monthly RESA Report both in the "Summary" Tab and as detailed in separate Tabs for the small, medium and large programs.

III. Variance Between Forecast and Actual RESA Costs in Attachment D

The below comparisons of forecasted, or modeled, costs to actual costs are based upon the updated costs presented in Attachment JW1-2. The Company believes that a delta of \$1 million or more requires an explanation for reporting purposes. All detailed calculations for resources comparing forecasted costs to actual costs by category are provided in Attachment D.

A. Column A – On-Site Solar Costs

Column A labeled New On-Site Solar Costs reflects a difference in costs of nearly \$4.7 million. This variance is attributable to a steady decline in participation that the Company has seen in its Solar*Rewards program over the last few years and is less than was originally modeled.

B. Column B – Central Solar Costs

Column B labeled New Central Solar Costs reflects a difference in costs of is \$4.3 million. This variance is attributable to modeled production differences amongst the central solar resources as compared to actual costs.

C. Column C – Wind Energy Costs

Column C labeled Wind Energy Costs reflects a difference in costs of \$215 million. This variance is largely attributable to the shift of Rush Creek capital revenue requirements from the ECA to base rates. This result leaves the production tax credits generated by Rush Creek to be absorbed by the ECA. The net effect of each of these components results in the \$132 million credit for the ECA as shown in Attachment D. Base rate capital costs are not presented in this attachment.

D. Column E – Total Renewable Energy Costs

The differences for Total Renewable Energy Costs is the result of the differences generated from Columns A through C but predominately from the difference in Wind Energy Costs.

E. Column F – RESA Rider Revenue

Column F labeled RESA Rider Revenue reflects a difference in revenues of nearly \$3.2 million. The variance simply reflects higher sales, and thus higher RESA Revenue, than what was forecasted 2021.

F. Column H – REC Margins

Column H labeled REC Margins reflect the customers' share of the margins generated from the selling of RECs. The \$6.5 million variance simply reflects the fact that no REC sales were projected for 2021, however the Company did sell RECs in 2021.

G. Column I – Total RESA Revenue

The differences for Total RESA Revenue is the result of the differences generated from Columns F through H and is predominately attributable to the proceeds from REC Margins.

H. Column K – Administrative Costs

Program administration costs were higher by \$1.6 million than originally modeled. The Company saw greater technology and engineering spending than what was generally anticipated in 2021 to support programming.

I. Column L – Annual Excess or Deficiency

Column L labeled Annual Deficiency reflects the actual and forecasted amounts of the annual deficiency in the RESA balance. The actual annual deficiency in 2021 was \$7.6 million meaning there was more revenues than costs being applied to the account. This is reflected by the difference between Column I - Total RESA Revenues minus Columns J and K (RESA Related Expenditures). This difference is mainly attributable to the \$6.5 million in REC Margins

J. Column N – Annual Excess or Deficiency

The total shown on Attachment D reflects the cumulative effect of the actual costs as compared to the forecasted costs along with the interest component which include all associated variances previously described.

K. Column O - Rolling Balance

The Rolling Balance is the culmination of the 2020 year-end RESA balance plus the annual excess or deficiency with interests. The variance is reflective of those described above for Column L.

Solar Garden ID	Solicitation	Parent Developer	Current Garden Owner	Garden Name	Garden Street	Garden City	Garden Zip Code	Garden County	Name Plate Capacity (kW DC)	AC Active Power Nameplate Rating (kW)	Operational
SRC011229	2012 RFP	Greenbacker Group	Greenbacker Group	Sterling CSG	13401 Riverside Drive	Sterling	80751	LOGAN	1999.8	1500	Y
SRC011647		Clean Energy Collective	US Bank	CEC Solar #1023, LLC	21560 W 56th Ave. Unit A	Golden	80027	JEFFERSON	569.17	420	Y
SRC011744		Greenbacker Group	Greenbacker Group	Mesa CSG	2930 D 1/4 Road	Grand Junction	81594	MESA	1999.8	1640	Y
SRC010496		Clean Energy Collective	US Bank	GC Solar 2, LLC	5050 N Telluride	Denver	80239	DENVER	499.17	400	Y
SRC010497		Clean Energy Collective	Clean Energy Collective	Breck Solar 1, LLC	7581 E Academy Blvd.	Denver	80230	DENVER	400.075	325	Y
SRC010498		Clean Energy Collective	US Bank	CEC Solar #1026, LLC	21560 W 56th Ave. Unit B	Golden	80403	JEFFERSON	115.15	90	Y
SRC010499		Clean Energy Collective	Clean Energy Collective	Mesa Solar 1, LLC	1690 66th St	Boulder	80303	BOULDER	496.455	400	Y
SRC010500		Clean Energy Collective	Town of Breckenridge	Summit Solar 1, LLC	710 Wellington Rd	Breckenridge	80424	SUMMIT	497.97	400	Y
SRC010502		Clean Energy Collective	Town of Breckenridge	CEC Solar #1020, LLC	12920 CO Highway 9	Breckenridge	80424	SUMMIT	499.515	400	Y
SRC010506		Clean Energy Collective	Clean Energy Collective	Can Solar 1, LLC	790 Tower Road	Aurora	80012	ARAPAHOE	496.01	400	Y
SRC010507	2012 Standard Offer	Community Energy Solar	Community Energy Solar	Community Energy Solar Garden 1	760 East County Line Road	Lafayette	80026	BOULDER	498.3	400	Y
SRC010509		Clean Energy Collective	US Bank	CEC Solar #1037, LLC	790 N. Tower Rd. Unit SRC010509	Aurora	80011	ARAPAHOE	499.895	400	Y
SRC010512		Community Energy Solar	Lafayette Solar LLC	Community Energy Solar Garden 2	710 East County Line Road	Lafayette	80026	BOULDER	498.3	400	Y
SRC023375		SunShare LLC	Real Capital Solutions	Alkire	9105 Alkire Street	Arvada	80005	JEFFERSON	1496.88	1200	Y
SRC023376		SunShare LLC	NRG	Adams III	5011 1/2 Imboden Rd	Watkins	80137	ADAMS	1499.4	1200	Y
SRC023377		SunShare LLC	NRG	Adams	4975 1/2 Imboden Rd	Watkins	80137	ADAMS	1495.1	1200	Y
SRC018661		SunShare LLC	NRG	Arapahoe I	31481 E County Road 18 (Jewell)	Watkins	80137	ARAPAHOE	499.3	400	Y
SRC018663		SunShare LLC	NRG	Denver I	UNIT SRC 18663 17797 E 51ST AVE	Denver	80249	DENVER	499.4	416	Y
SRC018664		SunShare LLC	NRG	Denver II	UNIT SRC 18664 17897 E 51ST AVE	Denver	80249	DENVER	499.4	416	Y
SRC018665		SunShare LLC	NRG	Adams I	5061 1/2 Imboden Rd	Watkins	80137	ADAMS	497.2	416	Y
SRC018667	2013 Standard Offer	Clean Energy Collective	US Bank	CEC Solar #1021, LLC	5050 N Telluride	Denver	80010	DENVER	499.03	400	Y
SRC018668		Clean Energy Collective	US Bank	CEC Solar #1025, LLC	1600 S. 66th St	Boulder	80301	BOULDER	499.9	400	Y
SRC018669		Clean Energy Collective	US Bank	CEC Solar #1022, LLC	987 5th St SW	Leadville	80461	LAKE	499.9	400	Y
SRC018672		SunShare LLC	NRG	Adams II	5051 1/2 Imboden Rd	Watkins	80137	ADAMS	497.2	416	Y
SRC018677		Community Energy Solar	Community Energy Solar	N/A	106 E. 1st Avenue	Antonio	81120	CONEJOS	500	410	Y
SRC042359		Clean Energy Collective	Clean Energy Collective	CEC Solar #1116, LLC	29232127 31°N 106° 2'58.94"W	Breckenridge	80424	SUMMIT	493	Consolidated with another SRC	
SRC042360		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1119	13727 US 285	La Jara	81140	CONEJOS	1987.2	1500	Y
SRC042361		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1121, LLC	28102 E. Quincy Ave.	Aurora	80138	ARAPAHOE	1984.5	1764	Y
SRC042362		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1122, LLC	33850 E 38th Ave	Watkins	80137	ADAMS	1984.5	1764	Y
SRC042363		Clean Energy Collective	N/A	CEC Solar #1126, LLC	35960 River Frontage Road	Rifle	81647	GARFIELD	996	Consolidated with another SRC	
SRC042364	2013 Standard Offer	Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1128, LLC	12010 HWY 61	Sterling	80751	LOGAN	1987.2	1500	Y
SRC042365		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1130, LLC	5260 Imboden Rd.	Watkins	80137	ADAMS	1987.2	1500	Y
SRC042438		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1133, LLC	15990 CR 29	Platteville	80651	WELD	1984.5	1500	Y
SRC042452		SunShare LLC	WGL	Imboden IV	5137 Imboden Rd Unit B	Watkins	80137	ADAMS	1997.28	1500	Y
SRC042454		SunShare LLC	WGL	Quincy Solar Garden	37055 E. County Road 30	Watkins	80136	ARAPAHOE	1994.85	1500	Y
SRC042455		SunShare LLC	N/A	Rooney Solar Garden	151 S. Rooney Road	Golden	80401	JEFFERSON	999.75	Consolidated with another SRC	
SRC042456		AEP	AEP	Quincy II Solar Garden	28102 E. Quincy Ave Unit SRC042456	Aurora	80138	ARAPAHOE	1999.5	1500	Y
SRC042457		AEP	AEP	Imboden III	33975 E. 48th Ave.	Watkins	80137	ADAMS	1999.5	1500	Y
SRC042458		AEP	AEP	Imboden II Solar Garden	5135 Imboden Road Unit A	Watkins	80137	ADAMS	1999.5	1500	Y
SRC042459		SunShare LLC	WGL	Gilcrest Solar Garden	14228 County Road 42	Gilcrest	80623	WELD	1994.85	1500	Y
SRC042462	2015 RFP	SunShare LLC	WGL	Hudson Solar Garden	5900 Hudson Road	Watkins	80137	ADAMS	1994.85	1500	Y
SRC042463		SunShare LLC	WGL	Imboden V	5135 Imboden Rd. Unit B	Watkins	80137	ADAMS	1997.28	1500	Y
SRC042532		Community Energy Solar	Community Energy Solar	San Luis Solar Garden	37980 State Highway 17	Antonio	81120	CONEJOS	1500	1200	Y
SRC047666		SunShare LLC	N/A	Picadilly Solar Garden	21000 E 6th Ave.	Aurora	80018	ARAPAHOE	1995	Consolidated with another SRC	
SRC050353		Pivot Energy	Standard Solar	Spark 1	2500 Lawrence unit 050353	Denver	80205	DENVER	69.02	100	Y
SRC050354		Pivot Energy	Standard Solar	Stanley Marketplace	2501 Dallas St	Aurora	80010	ADAMS	99.45	100	Y
SRC050355		DRV Shared Solar	DRV Shared Solar	Centennial I	14252 CR 36, Phase I	Platteville	80651	WELD	97.5	99.6	Y
SRC050356		Pivot Energy/Standard Solar	Standard Solar	Spark 2	2500 Lawrence St. Unit 050356	Denver	80205	DENVER	70.72	100	Y
SRC050357		Pivot Energy/Standard Solar	Standard Solar	GHA Solar Garden	540 Parachute Ave	Parachute	81635	GARFIELD	99.45	72	Y
SRC053370		Community Energy Solar	Community Energy Solar	Lafayette Horizon Solar CSG LLC	1385 Horizon Ave	Lafayette	80026	BOULDER	1995.84	1500	Y
SRC053572	2015 Standard Offer	Community Energy Solar	N/A	Blanca Peak Solar CSG LLC	28614 Highway 159	Fert Garland	81133	COSTILLA	1995.84	1560	Withdrawn
SRC053574		Community Energy Solar	Community Energy Solar	Monte Vista Solar CSG LLC	8026 Co Rd. 2 E	Monte Vista	81444	RIO GRANDE	1995.84	1500	Withdrawn
SRC053577		Community Energy Solar	Community Energy Solar	Monte Vista Solar 2 CSG LLC	283 S Co. Rd. 3 E	Monte Vista	81444	RIO GRANDE	1995.84	1500	Y
SRC053578		Pivot Energy	Standard Solar	DU CSG 1 LLC	Unit SRC053578 5260 7 1/2 Imboden Rd	Watkins	80137	DENVER	497.25	400	Y
SRC053579		Pivot Energy	Standard Solar	Denver SLB	Unit SRC053579 17255 Green Valley Ranch Blvd	Denver	80239	DENVER	994.5	600	Y
SRC053581		Pivot Energy	Standard Solar	Mesa CSG 2 LLC	3411 C RD	Pallisade	81526	MESA	1994.85	1500	Y
SRC053584		Community Energy Solar	N/A	Rock Creek Solar 1 CSG LLC	7524 Rd 12 S	Alamosa	81101	ALAMOSA	1995.84	1500	Withdrawn
SRC053585		Community Energy Solar	Community Energy Solar	Rock Creek Solar 2 CSG LLC	7524 Rd 12 S	Alamosa	81101	ALAMOSA	1995.84	1560	Y
SRC053962		Denver Housing Authority	Denver Housing Authority	100% Low-Income Community-Based Solar Ga	2950-A North Hudson Road	Watkins	81137	DENVER	1996	1500	Y
SRC053963		Greenbacker Group	Greenbacker Group	Alamosa01 (Wiscamp)	8545 Ironfield Road	Alamosa	81101	ALAMOSA	1997.1	1500	Y
SRC053964	2016 RFP	Greenbacker Group	Greenbacker Group	Lowry State Land Board	2910 B E County Road 30	Watkins	80137	ARAPAHOE	1997.1	1500	Y
SRC053965		Greenbacker Group	Greenbacker Group	DIA 1	27400 E 114th Ave	Denver	80249	DENVER	1997.1	1500	Y
SRC053966		Greenbacker Group	Greenbacker Group	Linnebur	5900 Hudson Road	Watkins	80137	ADAMS	1997.1	1500	Y
SRC053967		Greenbacker Group	Greenbacker Group	Teb01	UNIT SRC053967 365858 E COUNTY ROAD 30	Watkins	80137	ARAPAHOE	1997.1	1500	Y
SRC053968		Greenbacker Group	Greenbacker Group	Teb002	UNIT SRC053968 39299 E COUNTY ROAD 30	Watkins	80137	ARAPAHOE	1997.1	1500	Y
SRC053970		Greenbacker Group	Greenbacker Group	DIA 2	27905 E 112th Ave	Denver	80249	DENVER	1997.1	1500	Y
SRC053971		Greenbacker Group	Greenbacker Group	Greeley-Weld Airport	2451 E. 8th St	Greeley	80631	WELD	1997.1	1500	Y
SRC053973		Greenbacker Group	Greenbacker Group	Anderson	14684 County Road 36	Platteville	80651	WELD	1997.1	1500	Y
SRC053974		Greenbacker Group	Greenbacker Group	McCormick	11485 County Road 36	Platteville	80651	WELD	1184	1500	Y
SRC053975		Greenbacker Group	Greenbacker Group	Rifle	2585 W. Centennial Parkway	Rifle	81650	GARFIELD	1997.1	1500	Y
SRC053976	2017 LI RFP	Greenbacker Group	Greenbacker Group	Lantz	10752 County Road 140	Salida	81201	CHAFFEE	1998	1500	Y
SRC053977		Greenbacker Group	Greenbacker Group	Cameo01	956 Highline Canal Rd	Cameo	81526	MESA	1997.1	1500	Y
SRC054194		Pivot Energy	Standard Solar	Mesa CSG 1 LLC	2169 River Road	Grand Junction	81505	MESA	1993.68	1500	Y
SRC054279		Native Suns	Native Suns	Morrison	17179 state hwy 74	Morrison	80465	JEFFERSON	1000	790	Y
SRC054280		Native Suns	Native Suns	Table Mountain	3201 West 32nd Avenue	Golden	80401	JEFFERSON	1995.84	2000	N
SRC054620		Community Energy Solar	N/A	Watkins Solar CSG LLC	29050 E Quincy Ave	Watkins	80137	WELD	1995.84	1500	Withdrawn
SRC054663		Greenbacker Group	Greenbacker Group	Alden Solar CSG LLC	31432 Weld County Rd 51	Greeley	80631	WELD	1995.84	1560	Y
SRC054664		Greenbacker Group	Greenbacker Group	Platteville Solar CSG LLC	15763 Weld County Road 31	Platteville	80651	WELD	1632.96	1260	Y
SRC054665		Community Energy Solar	N/A	Poncha Solar CSG LLC	1735 US-285	Salida	81201	CHAFFEE	2000	1500	Withdrawn
SRC055044		Community Energy Solar	N/A	Romeo Solar 3 CSG LLC	13148 US Hwy 285	Romeo	81140	CONEJOS	1270.08	1500	Withdrawn
SRC055045	2016 Standard Offer	Community Energy Solar	Community Energy Solar	Alamosa South CSG	399 Twentieth St.	Alamosa	81101	ALAMOSA	1995.84	1560	Y
SRC077501		Grid Alternatives	Grid Alternatives	Boulder FTC Community Solar	6055 Reservoir Road Unit SRC077501	Boulder	80301	BOULDER	99.45	75	Y
SRC064202		Pivot Energy	Standard Solar	CO II CSG 1 LLC	4901 Imboden Rd	Watkins	80137	ADAMS	1994.85	1500	Y
SRC064203		Pivot Energy	Standard Solar	CO II CSG 2 LLC	UNIT SRC064203 5260 7 3/4 Imboden Rd	Watkins	80137	ADAMS	1000	750	Y
SRC064204		Pivot Energy	Standard Solar	CO II CSG 3 LLC	35540 River Frontage Rd.	New Castle	81647	GARFIELD	835.38	600	Y
SRC064247		Grid Alternatives	Grid Alternatives	Boulder FTC Community Solar	Boulder FTC Reservoir Rd	Boulder	80301	BOULDER	99.18	83	Withdrawn
SRC064248		Grid Alternatives	Grid Alternatives	GRID CSG Standard 4	5 W 51st Ave.	Denver	80216	DENVER	98.56	83	Withdrawn
SRC064250		Sandbox Solar	Greeley Fire Station Community Solar	Greeley Fire Station	145 North 35th Ave	Greeley	80634	WELD	99.4	99.9	Withdrawn
SRC064251		DRV Shared Solar	DRV Shared Solar	GRID CSG Standard 2	14252 CR 36, Phase II	Platteville	80651	WELD	97.47	67.5	Y
SRC064252		Grid Alternatives	Grid Alternatives	GRID CSG Standard 1	1915 Airport Road	Breckenridge	80424	SUMMIT	98.56	83	Withdrawn
SRC064253	2017 LI Standard Offer	Grid Alternatives	Grid Alternatives	GRID CSG Standard 3	1 S 66th Street	Louisville	80301	BOULDER	98.56	83	Withdrawn
SRC062867		Pivot Energy	N/A	Mesa CSG 3 LLC	31145 US 6	Silt	81652	GARFIELD	1000	750	Consolidated with another SRC
SRC067947		Pivot Energy	Standard Solar	Mtn Solar 1	4401 Imboden Road	Watkins	80317	ADAMS	1994.85	1500	Y
SRC067948		Pivot Energy	Standard Solar	Mtn Solar 2	33850 E. 38th Ave.	Watkins	80137	ADAMS	1994.85	1500	Y
SRC067949		Pivot Energy	Standard Solar	Mtn Solar 3	1609 Agripark Rd	Brush	80723	MORGAN	2000	1500	Y
SRC067952		Pivot Energy	Standard Solar	Mtn Solar 4	10125 W 6TH AVE FRONTAGE RD	Lakewood	80215	JEFFERSON	2000	1500	Y
SRC067953		Pivot Energy	Standard Solar	Mtn Solar 5	355405						

SRC071107		Grid Alternatives	N/a	Denver Metro Low-Income CSG Site 1	3500 S Gun Club Rd (site 1) UNIT SRC071107	Aurora	80018	ARAPAHOE	1966	1560	Consolidated with another SRC
SRC071108		Grid Alternatives	N/a	Denver Metro Low-Income CSG Site 2	3500 S Gun Club Rd (site 1) UNIT SRC071108	Aurora	80018	ARAPAHOE	1966	1560	Consolidated with another SRC
SRC071109		Grid Alternatives	Distributed Resource Ventures	Boulder County Low-Income CSG	4772 N 28th st	Boulder	80304	BOULDER	628.32	480	Y
SRC071124	2018 LI RFP	Oak Leaf Energy Partners	N/a	Jeffco60 (LI)	123 Fake Street	JC, S&R & Oak Leaf Energy Partners	11111	JEFFERSON	1997.1	1500	Withdrawn
SRC071125		Oak Leaf Energy	N/a	Jeffco61 (LI)	123 Fake Street	Brady'sDynastyWillfall	11111	JEFFERSON	1997.1	1500	Withdrawn
SRC071114		Jack's Solar Garden LLC	Jack's Solar Garden LLC	Jack's Solar Garden	8102 North 95th St	Longmont	80504	BOULDER	1244.88	1000	Y
SRC071116		Oak Leaf Energy Partners	DSD Renewables	Mebven North	UNIT SRC071116 3397S 48TH AVE	Watkins	80137	ADAMS	1997.1	1500	Y
SRC071117		Oak Leaf Energy Partners	N/a	Jeffco65	123 Fake Street	ArtisioBlacon	11111	JEFFERSON	1997.1	1500	Withdrawn
SRC071118		Oak Leaf Energy Partners	N/a	Weld55	40. 247594, -104.842229	Platteville	80651	WELD	1997.1	1500	Withdrawn
SRC071119		SunShare LLC	N/a	Imboden VI	5137 Imboden Road, Unit SRC071119	Watkins	80137	ADAMS	1998	1800	Consolidated with another SRC
SRC071120		Oak Leaf Energy Partners	N/a	Weld56	123 Fake Street	Tractors&Tacos	11111	WELD	1997.1	1500	Withdrawn
SRC071121		Oak Leaf Energy Partners	N/a	Weld57	123 Fake Street	HolyCowDeath	11111	WELD	1997.1	1500	Withdrawn
SRC071123		Oak Leaf Energy Partners	N/a	Weld58	123 Fake Street	BespokeTableSalts	11111	WELD	1997.1	1500	Withdrawn
SRC071170		Oak Leaf Energy Partners	N/a	Weld59	123 Fake Street	ForgetMeNot	11111	ADAMS	1997.1	1500	Withdrawn
SRC071720		SunShare LLC	N/a	Box Elder	48th Ave (39.783153, -104.599800)	Watkins	80137	ADAMS	1998	1800	Consolidated with another SRC
SRC071806		SunShare LLC	N/a	PawneeSun	40. 247067, -104.772814	Platteville	80651	WELD	1998	1800	Consolidated with another SRC
SRC071807		SunShare LLC	N/a	Quincy III	39.727936, -104.519873	Bennet	80102	ARAPAHOE	1998	1800	Consolidated with another SRC
SRC071810		SunShare LLC	N/a	Conundrum	39.860728, -105.149056	Arvada	80005	JEFFERSON	1998	1800	Consolidated with another SRC
SRC071811		SunShare LLC	N/a	Gilcrest II	15130 County Road 46	Platteville	80657	WELD	1998	1800	Consolidated with another SRC
SRC080106		SunShare LLC	SunShare LLC	Gilcrest V	15250 County Road 46	Platteville	80651	WELD	5002.5	4750	Y
SRC080107		SunShare LLC	SunShare LLC	GilcrestSun	13245 County Road 42	Gilcrest	80651	WELD	2181.2	1800	Y
SRC080108	2018 RFP	SunShare LLC	SunShare LLC	Vasquez V	13624 County Road 34	Platteville	80651	WELD	4805	4000	Y
SRC075335	2019 LI RFP	Pivot Energy	Nautilus US Power Holdco	Vestal PS14 Solar LLC	18470-B County Road 26	Brush	80723	JEFFERSON	2000	1500	N
SRC087084		Grid Alternatives	Low Income CSG	Low Income CSG	40.319796, -104.886246	Johnstown	80543	WELD	5967	5000	N
SRC074897		Pivot Energy	Nautilus Solar Energy	NSE Camber Solar PS6 LLC	12298 CR38	Platteville	80651	WELD	1995.8	1500	Y
SRC074898		Pivot Energy	Nautilus US Power Holdco	Vestal PS1 Solar LLC	5851 Hwy 6 Unit-A	Parachute	81635	GARFIELD	1900	780	N
SRC074899		Pivot Energy	Nautilus US Power Holdco	Vestal PS2 Solar LLC	18470-A County Road 26	Brush	80723	MESA	2000	1500	Y
SRC074906		Pivot Energy	Nautilus US Power Holdco	Vestal PS3 Solar LLC	5851 Hwy 6 Unit-B	Parachute	81635	GARFIELD	2000	1500	N
SRC074909		Pivot Energy	Nautilus US Power Holdco	Vestal PS4 Solar LLC	15757 CR 31	Platteville	80651	WELD	2000	1500	N
SRC074910		Pivot Energy	Nautilus Solar Energy	NSE Camber Solar PS5 LLC	11489 CR36	Platteville	80651	WELD	2000	1500	N
SRC074911		Pivot Energy	Nautilus US Power Holdco	Vestal PS7 Solar LLC	2595 W Centennial Pkwy	RIFLE	81650	MORGAN	1994.0	1500	N
SRC074912		Pivot Energy	Nautilus US Power Holdco	Vestal PS8 Solar LLC	16564 CR 31	Platteville	80651	WELD	2000	1500	N
SRC075012		Pivot Energy	Pivot Energy	Pivot Solar 9 - Aurora Enviro Park	39.726761, -104.769867	Aurora	80018	ADAMS	1999.456	1680	N
SRC075013		Pivot Energy	Pivot Energy	Pivot Solar 10 - Aurora Enviro Park	39.728585, -104.770387	Aurora	80018	ADAMS	1999.456	1680	N
SRC075014		Pivot Energy	Nautilus US Power Holdco	NSE Camber Solar PS11 LLC	12050 Hwy 61 Unit-A	Sterling	80751	LOGAN	999.82	4920	Y
SRC075015		Pivot Energy	Nautilus US Power Holdco	NSE Camber Solar PS12 LLC	12050 Hwy 61 Unit-B	Sterling	80751	LOGAN	999.82	720	Y
SRC075016		Pivot Energy	Nautilus US Power Holdco	NSE Camber Solar PS13 LLC	12266 Hwy 61	Sterling	80751	LOGAN	2000	1500	Y
SRC075020		Namaste Solar	Unico Solar	Venture 1 - 1A	27400 E 26th Ave	Aurora	80019	ADAMS	1997.28	1500	Y
SRC075021		Namaste Solar	Unico Solar	Venture 3 - 1C	27410 E 26th Ave	Aurora	80019	ADAMS	1997.28	1500	Y
SRC075022		Namaste Solar	Unico Solar	Venture 2 - 1B	27151 CR 62 Phase 1 North	Greeley	80631	WELD	1997.28	1500	Y
SRC075023		Namaste Solar	Unico Solar	Venture 4 - 1D	27610 E 26th Ave	Aurora	80019	WELD	1997.28	1500	Y
SRC075024		Namaste Solar	Unico Solar	Venture 2 - 1B	27600 E 26th Ave	Aurora	80018	ADAMS	1997.28	1500	Y
SRC075025		Namaste Solar	Unico Solar	Longs Peak South	21751 CR 62 Phase 2 South	Greeley	80631	WELD	2000	1500	N
SRC080305	2019 RFP	Pivot Energy	Nautilus US Power Holdco	Vestal PS15 Solar LLC	18470-C County Road 26	Brush	80723	MORGAN	1998	7500	N
SRC083012		ECA	Cloudbreak Energy	ECA Greeley	0-W County Road 37	Greeley	80631	WELD	4832	3320	N
SRC083015		ECA	Cloudbreak Energy	ECA LEADVILLE	21308 County Road 64	Greeley	80631	WELD	1173	900	N
SRC083065		SunShare LLC	Lincoln Solar LLC	Lincoln Solar LLC	40.582406, -104.715975	Ault	80610	WELD	5967	5000	N
SRC083066		SunShare LLC	Gerry Community Solar LLC	Gerry Community Solar LLC	40.464266, -104.649505	Eaton	80631	WELD	5967	5000	N
SRC083117		Pivot Energy	Pivot Solar 20 - Sauer	Pivot Solar 20 - Sauer	40733 35°N, 104°53'52.01"W	Johnstown	80534	WELD	6750	5000	N
SRC083118		Pivot Energy	Pivot Energy	Pivot Solar 21 - Aurora Enviro Park	39°43'44.01"N, 104°46'4.33"W	Aurora	80018	ADAMS	5928.48	5000	N
SRC083243		Cloudbreak Energy Partners	Green Street Power Partners	Wagner	15761 CR 41	Sterling	80751	LOGAN	6254.43	5000	N
SRC083244		Cloudbreak Energy Partners	Cloudbreak Energy Partners	CBEP Solar 2	21308 CR 64	Greeley	80631	WELD	3072	2375	N
SRC083245		Cloudbreak Energy Partners	Cloudbreak Energy Partners	Krieger Larimer	5023 E CR 48	Fort Collins	80524	LARIMER	2974.53	2375	N
SRC083246	2020 RFP	Cloudbreak Energy Partners	Cloudbreak Energy Partners	Platte	11814 CR 46	Milliken	80545	WELD	5208.84	4000	N
SRC083247		Cloudbreak Energy Partners	Cloudbreak Energy Partners	Griffiths	9216 COUNTY ROAD 48.5	Johnstown	80534	WELD	6503.25	5000	N
SRC083248		Cloudbreak Energy Partners	Cloudbreak Energy Partners	CBEP Solar 6	19154 CR 76	Eaton	80615	WELD	6013	4625	N
SRC083249		Cloudbreak Energy Partners	Cloudbreak Energy Partners	CBEP Solar 7	9216 CR 48.5	Johnstown	80534	WELD	6500	5000	N
SRC083296		US Solar	US Solar	USS Great Plains Solar LLC	21483 E Hampden Ave	Aurora	80014	ARAPAHOE	6411.3	4920	N
SRC083597		US Solar	US Solar	USS Cogburn Solar LLC	23581 County Road 66	Greeley	80631	WELD	3120	2400	N
SRC083598		US Solar	US Solar	USS Fruita Solar LLC	1081 19 Road	Fruita	81521	MESA	3088.8	2350	N
SRC083599		US Solar	US Solar	USS Auburn Solar LLC	Fern Avenue	Greeley	80631	WELD	6466.5	4970	N
SRC083649		US Solar	US Solar	USS Picadilly Solar LLC	25236 County Rd 23	Greeley	80550	WELD	6500	5000	N
SRC086755		Cloudbreak Energy	Cloudbreak Energy	CBEP Solar 8	21690 CR 64	Greeley	80631	WELD	1398	1000	N
SRC087642	2020 Standard Offer	Cloudbreak Energy	Cloudbreak Energy	CBEP Solar 9-Sand Creek Unit 2	21308 County Road 64	Greeley	80631	WELD	2000	1660	N
SRC083119		SunShare LLC	SunShare LLC	Grizzly Solar LLC	34770 County Road 39	Eaton	80615	WELD	597.6	480	N
SRC083120		Pivot Energy	Pivot Energy	Pivot Solar 22 - Loeffler West	40.349314, -104.730920	La Salle	80645	WELD	599	500	N
SRC083121		Pivot Energy	Pivot Energy	Pivot Solar 23 - Davis	40.320880, -104.734361	La Salle	80645	WELD	602.64	500	N
SRC083122		SunShare LLC	SunShare LLC	Stewart Solar LLC	21575 CR 54	Greeley	80631	WELD	597.6	480	N
SRC083123		Pivot Energy	Pivot Energy	Pivot Solar 24 - Lingreen North	18240 Iris Dr	Sterling	80751	LOGAN	675	500	N
SRC083124		Pivot Energy	Pivot Energy	Pivot Solar 25 - Lingreen South	18240 Iris Dr	Sterling	80751	LOGAN	675	500	N
SRC083125		Pivot Energy	Pivot Energy	Pivot Solar 26 - Carrigan	40.617929, -103.159827	Sterling	80751	LOGAN	603.52	450	N
SRC083126		McKinstry	McKinstry	CCD-CSG-7-Montbello Rec Ctr	15555 E 53rd Ave	Denver	80229	DENVER	556.5	450	N
SRC083127		McKinstry	McKinstry	CCD-CSG8-DEN1	E 114th Ave and Trussville St	Denver	80249	DENVER	625.6	500	N
SRC083128	2020 Standard Offer	McKinstry	McKinstry	CCD-CSG14-NWC M&O	5125 Race Ct	Denver	80216	DENVER	282.3	220	N
SRC083129		McKinstry	McKinstry	CCD-CSG4-Lowry Tennis	Sports Blvd and East Fairmount Drive	Denver	80230	DENVER	429.5	312	N
SRC083130		SunShare LLC	SunShare LLC	Animas Solar LLC	40.319654, -104.490409	Greeley	80631	WELD	500	500	N
SRC083131		McKinstry	McKinstry	CCD-CSG-6-Central Park Rec Center	9651 E. Martin Luther King Jr. Blvd	Denver	80238	DENVER	655.2	480	N
SRC083132		Pivot Energy	Pivot Energy	Pivot Solar 27 - GJ	39.067127, -108.507323	Grand Junction	81504	MESA	581	500	N
SRC083133		McKinstry	McKinstry	CCD-CSG-DOTI Roslyn Complex	5440 Roslyn St	Denver	80216	DENVER	523.3	446	N
SRC083134		McKinstry	McKinstry	CCD-CSG-13-Harvard Gulch Rec Center	550 E Iuff Ave	Denver	80210	DENVER	293.9	236	N
SRC083135		McKinstry	McKinstry	CCD-CSG15-NWC SYTC	5004 Packing House Rd	Denver	80216	DENVER	268.5	210	N
SRC083136		McKinstry	McKinstry	CCD-CSG9-DEN2	E 114th Ave and Trussville St	Denver	80249	DENVER	625.6	500	N
SRC083137		Pivot Energy	Pivot Energy	Pivot Solar 28 - Newton	40.471956, -104.621814	Greeley	80631	WELD	607.2	500	N
SRC083138	2020 Standard Offer	SunShare LLC	SunShare LLC	Cirque Solar LLC	22811 County Road 52	Greeley	80631	WELD	597.6	480	N
SRC083139		SunShare LLC	SunShare LLC	Maherhorn Solar LLC	15372 CR 66	Greeley	80631	WELD	573.75	480	N
SRC083141		SunShare LLC	SunShare LLC	Montesuma Solar LLC	40.312389, -104.489642	La Salle	80645	WELD	448.2	360	N
SRC086152		McKinstry	McKinstry	CCD-CSG-DPS NE Early College	11200 E 45th Ave	Denver	80239	DENVER	308.9	243	N
SRC086368		US Solar	US Solar	USS South Platte Solar LLC	17588 Co Rd 394	La Salle	80645	WELD	4657.5	3625	N
SRC086369		US Solar	US Solar	USS High Plains Solar LLC	22483 E Hampden Ave	Aurora	80013	ARAPAHOE	6507	5000	N
SRC086370		US Solar	US Solar	USS Raptor Solar LLC	5 Gun Club Rd	Aurora	80018	ARAPAHOE	6480	5000	N
SRC086371		US Solar	US Solar	USS Calico Solar LLC	5 Gun Club Rd	Aurora	80018	ARAPAHOE	6480	5000	N
SRC086372		US Solar	US Solar	USS Hampden Solar LLC	5 Gun Club Rd	Aurora	80018	ARAPAHOE	6500	5000	N
SRC086373		US Solar	US Solar	USS Tallgrass Solar LLC	5 Gun Club Rd	Aurora	80018	ARAPAHOE	6500	5000	N
SRC086474	2021 RFP	Pivot Energy	Pivot Energy	Pivot Solar 30 LLC-Greeley Weld Airport	40.434489, -104.645641	Greeley	80631	WELD	6005	5000	N
SRC086476		Pivot Energy	Pivot Energy	Pivot Solar 31 LLC-Taford-Watkins	39.112393, -108.410419	Clifton	81520	MESA	3002	2500	N
SRC086777		City and County of Denver	City and County of Denver	Denver Botanic Gardens Chatfield Farms	8500 W. Deer Creek Canyon Rd	Littleton	80128	JEFFERSON	1195.73	960	N
SRC087080		US Solar	US Solar	USS Camp Creek Solar LLC	County Rd W	Hillrose	80733	MORGAN	4725	3625	N
SRC087082		SunShare LLC	SunShare LLC	Lark Bunting Solar LLC	40.311735, -104.771396	EVANS	80645	WELD	5967	5000	N
SRC087083		US Solar	US Solar	USS Welch Solar LLC	US-287	Loveland	80537	LARIMER	2578	1980	N
SRC087285		Pivot Energy	Pivot Energy	Pivot Solar 32 LLC - Vassili	18542 CO RD 27	Brush	80723	MORGAN	6000	5000	N
SRC087288		Pivot Energy	Pivot Energy	Pivot Solar 37 LLC - Lingreen RFP	1401 W. Main St.	Sterling	80722	LOGAN	3358	2500	N
SRC087289		Pivot Energy	Pivot Energy	Pivot Solar 33 LLC - Davis RFP	22440 County Road 35	La Salle	80645	WELD	6000	5000	N
SRC087290		Pivot Energy	Pivot Energy	Pivot Solar 36 LLC - Loeffler	23896 COUNTY ROAD 35	La Salle	80645	WELD	6000	5000	N
SRC087291	2021 RFP	Pivot Energy	Pivot Energy	Pivot Solar 34 LLC - Loeffler	3980 N 79th St.	Boulder	80503	BOULDER	6000	5000	N
SRC087292		Pivot Energy	Pivot Energy	Pivot Solar 35 LLC - Cook	40.327340, -104.751821	La Salle	80645	WELD	5083	4250	N

Solar Garden ID	SRC Producer / Garden Operator: Account Name	REC Payment per kWh	Adjustment	Garden Street	Name Plate Capacity (kW DC)	AC Active Power Nameplate Rating (kW)	Garden City	Garden State	Application Complete	Garden Active Date	Vintage Program
SRC07501	GRID Alternatives Colorado	0.0282		6055 Reservoir Road Unit SRC07501	99.45		75 Boulder	CO	5/26/2021	7/31/2021	2016 Standard Offer
SRC06204	CO U CSG 3 LLC	0.0085		35540 River Frontage Rd.	835.36		600 New Castle	CO	6/29/2021	7/31/2021	2017 U RFP
			reduced annually beginning on the second anniversary of the Commercial Operation date by \$5.50 per MWh								
SRC067953	Mtn Solar 5 LLC	0.034		35540 River Frontage Road	990.22		750 New Castle	CO	6/29/2021	7/31/2021	2017 RFP
SRC06862	Mtn Solar 6 LLC	-0.0001		12050 Hwy 61 Unit-C	1997.2		1500 Sterling	CO	3/11/2022	4/30/2022	2017 RFP
SRC06857	Oak Leaf Solar 36 LLC	-0.00501		39299 QUINCY AVE	1997.1		1500 Watkins	CO	6/25/2021	7/31/2021	2017 RFP
SRC06869	Oak Leaf Solar 38 LLC	-0.00501		UNIT SRC06869 33725 1/2 E 48th Ave	1997.1		1500 Watkins	CO	6/18/2021	7/31/2021	2017 RFP
SRC06871	Oak Leaf Solar 39 LLC	-0.00501		UNIT SRC06871 3332 S. Manila Road	1997.1		1500 Watkins	CO	6/25/2021	7/31/2021	2017 RFP
SRC067952	Mtn Solar 4 LLC	-0.0032		10125 W 6TH AVE FRONTAGE RD	2000		1500 Lakewood	CO	11/16/2021	12/31/2021	2017 RFP
SRC080108	Paula Carr Memorial Community Solar Garden LLC	0.016571		13624 County Road 34	4805		4000 Platteville	CO	11/12/2021	12/31/2021	2018 RFP
SRC080107	LONGS PEAK SOLAR LLC	0.016571		13245 County Road 42	2181.2		1800 Gilcrest	CO	12/10/2021	1/31/2022	2018 RFP
SRC080106	Uncompahgre Solar LLC	0.0048		15250 County Road 46	5002.5		4750 Platteville	CO	1/1/2021	2/28/2021	2018 RFP
SRC074897	NSE Camber Solar PS6 LLC	-0.005		12298 CR38	1995.6		1500 Platteville	CO	1/31/2022	2/28/2022	2019 RFP
SRC074910	NSE Camber Solar PS5 LLC	-0.0035		11489 CR36	2000		1500 Platteville	CO	1/31/2022	2/28/2022	2019 RFP
SRC075020	USI Xcel CSG Venture 1 LLC	0		27400 E 26th Ave	1997.28		1500 Aurora	CO	5/20/2021	6/30/2021	2019 RFP
SRC075021	UNI Xcel CSG Venture 3 LLC	0		27410 E 26th Ave	1997.28		1500 Aurora	CO	9/29/2021	10/31/2021	2019 RFP
SRC075024	USI Xcel CSG Venture 2 LLC	0		27600 E 26th Ave	1997.28		1500 Aurora	CO	9/29/2021	10/31/2021	2019 RFP
SRC075023	UNI Xcel CSG Venture 4 LLC	0		27610 E 26th Ave	1997.28		1500 Aurora	CO	9/29/2021	10/31/2021	2019 RFP
SRC075016	NSE Camber Solar PS13 LLC	0.0025		12266 Hwy 61	2000		1500 Sterling	CO	1/31/2022	2/28/2022	2019 RFP
SRC075014	NSE Camber Solar PS11 LLC	-0.0075		12050 Hwy 61 Unit-A	1995.82		1500 Sterling	CO	3/11/2022	4/30/2022	2019 RFP
SRC075015	NSE Camber Solar PS12 LLC	-0.005		12050 Hwy 61 Unit-B	995.82		720 Sterling	CO	3/11/2022	4/30/2022	2019 RFP
SRC075071	Xcel Energy	0.0102125		1800 63rd Street SRC075071	1998		1500 Boulder	CO	5/28/2021	10/31/2021	Company Owned U Gardens
SRC075070	Xcel Energy	0.01		1800 63rd Street SRC075070	1995		1500 Boulder	CO	4/30/2021	9/31/2021	Company Owned U Gardens
SRC075114	Xcel Energy	0.02124		1390 W. Wesley Ave	1997		1500 Denver	CO	6/29/2021	8/10/2021	Company Owned U Gardens

Solar Garden ID	SRC Producer / Garden Operator	Name Plate Capacity (kW DC)	AC Active Power Nameplate Rating (kW)	Project Award Date	Permission to Operate Date	Total kWh Billed	Subscribed kWh	Unsubscribed kWh	Percentage Subscribed
SRC010496	GC Solar 2, LLC	499.17	400	8/15/2012	8/21/2014	844,441	843,252	1,189	99.86%
SRC010497	Breck Solar 1, LLC	400.075	325	8/15/2012	9/27/2013	578,938	549,785	29,153	94.96%
SRC010498	CEC SOLAR #1026, LLC	115.15	90	8/15/2012	6/26/2014	178,516	173,461	5,055	97.17%
SRC010499	Mesa Solar 1, LLC	496.455	400	8/15/2012	4/26/2013	778,773	758,605	20,168	97.41%
SRC010500	Summit Solar 1, LLC	497.97	400	8/15/2012	9/27/2013	724,507	724,507	0	100.00%
SRC010502	CEC Solar #1020, LLC	499.515	400	8/15/2012	9/27/2013	788,597	788,597	0	100.00%
SRC010506	Can Solar 1, LLC	498.01	400	8/15/2012	11/12/2013	864,579	837,346	27,233	96.85%
SRC010507	Community Energy Solar, LLC	498.3	400	8/15/2012	12/10/2013	776,406	776,406	0	100.00%
SRC010509	CEC Solar #1037, LLC	499.895	400	8/15/2012	6/1/2015	764,067	743,248	20,819	97.28%
SRC010512	Lafayette Solar LLC	498.3	400	8/15/2012	12/12/2013	778,735	778,735	0	100.00%
SRC011229	Fresh Air Energy VII, LLC	1999.8	1500	10/29/2012	10/17/2014	3,682,638	3,682,638	0	100.00%
SRC011647	CEC SOLAR #1023, LLC	569.17	420	10/29/2012	6/19/2014	926,891	926,249	642	99.93%
SRC011744	Fresh Air Energy VIII, LLC	1999.8	1640	10/29/2012	9/29/2014	3,439,558	3,439,558	0	100.00%
SRC018661	Arapahoe Community Solar Garden I LLC	499.3	400	6/3/2013	7/31/2015	874,546	825,033	49,513	94.34%
SRC018663	Denver Community Solar Garden I LLC	499.4	416	6/3/2013	6/30/2015	946,956	923,934	23,022	97.57%
SRC018664	Denver Community Solar Garden II LLC	499.4	416	6/3/2013	6/30/2015	907,751	828,654	79,097	91.29%
SRC018665	Adams Community Solar Garden I LLC	497.2	416	6/3/2013	7/31/2015	881,254	855,233	26,021	97.05%
SRC018667	CEC SOLAR #1021, LLC	499.03	400	6/3/2013	8/21/2014	842,078	832,143	9,935	98.82%
SRC018668	CEC SOLAR #1025, LLC	499.9	400	6/3/2013	5/29/2015	463,039	449,779	13,260	97.14%
SRC018669	CEC SOLAR #1022, LLC	499.9	400	6/3/2013	4/30/2015	624,136	624,130	6	100.00%
SRC018672	Adams Community Solar Garden II LLC	497.2	416	6/3/2013	7/31/2015	915,224	897,953	17,271	98.11%
SRC018677	Antonio Solar LLC	500	410.4	6/3/2013	11/17/2014	1,070,759	1,070,759	0	100.00%
SRC023375	Jeffco Community Solar Gardens LLC	1496.88	1200	11/1/2013	5/31/2016	2,092,902	2,092,902	0	100.00%
SRC023376	Adams Community Solar Garden III LLC	1499.4	1200	11/1/2013	7/31/2015	2,725,566	2,724,846	720	99.97%
SRC023377	Adams Community Solar Gardens LLC	1496.1	1200	11/1/2013	7/31/2015	2,621,704	2,620,226	1,478	99.94%
SRC042360	CEC Solar #1119, LLC	1987.2	1500	9/11/2015	11/28/2017	4,183,915	4,032,541	151,394	96.38%
SRC042361	CEC Solar #1121, LLC	1984.5	1764	9/11/2015	12/29/2017	3,672,405	3,635,799	36,606	99.00%
SRC042362	CEC Solar #1122, LLC	1984.5	1764	9/11/2015	9/25/2017	3,600,032	3,544,687	55,345	98.46%
SRC042364	CEC Solar #1128, LLC	1987.2	1500	9/11/2015	10/25/2017	3,434,815	3,426,977	7,838	99.77%
SRC042365	CEC Solar #1130, LLC	1987.2	1500	9/11/2015	12/14/2017	3,687,981	3,678,578	9,403	99.75%
SRC042438	CEC Solar #1133, LLC	1984.5	1500	9/11/2015	10/24/2017	3,382,977	3,381,548	1,429	99.96%
SRC042452	Terraform Power	1997.28	1500	9/11/2015	3/27/2019	3,382,463	3,381,398	1,065	99.97%
SRC042454	Terraform Power	1994.85	1500	9/11/2015	9/20/2018	3,346,109	3,343,709	2,400	99.93%
SRC042456	Quincy II Solar Garden LLC	1999.5	1500	9/11/2015	5/1/2018	3,353,833	3,348,242	5,591	99.83%
SRC042457	Imboden III Solar LLC	1999.5	1500	9/11/2015	4/6/2018	3,342,358	3,337,975	4,383	99.87%
SRC042458	Imboden II Solar LLC	1999.5	1500	9/11/2015	4/6/2018	3,388,066	3,380,559	7,507	99.78%
SRC042459	Terraform Power	1994.85	1500	9/11/2015	8/30/2018	3,173,214	3,173,214	0	100.00%
SRC042462	Terraform Power	1994.85	1500	9/11/2015	9/1/2018	3,148,488	3,148,488	0	100.00%
SRC042463	Terraform Power	1997.28	1500	9/11/2015	3/27/2019	3,348,056	3,348,056	0	100.00%
SRC042532	San Luis Solar Garden LLC	1500	1200	9/11/2015	8/31/2017	3,313,430	3,313,171	259	99.99%
SRC050353	Spark CSG 1 LLC	69.02	100	10/18/2016	1/1/2019	84,368	84,368	0	100.00%
SRC050354	Spark CSG 1 LLC	99.45	100	10/18/2016	1/1/2019	143,162	143,162	0	100.00%
SRC050355	DRV Shared Solar 2018-1, LLC	97.5	99.6	10/18/2016	12/28/2018	161,195	161,195	0	100.00%
SRC050356	SRC 050356 LLC	70.72	100	10/18/2016	1/2/2019	87,649	87,649	0	100.00%
SRC050357	SRC 050357 LLC	99.45	72	10/18/2016	12/7/2018	156,719	156,642	77	99.95%
SRC053370	Lafayette Horizon Solar CSG LLC	1995.84	1500	12/13/2016	1/31/2019	3,549,944	3,549,743	201	99.99%
SRC053577	Monte Vista Solar 2 CSG LLC	1995.84	1500	12/13/2016	5/12/2020	4,362,113	4,348,594	3,519	99.92%
SRC053578	DU CSG 1 LLC	497.25	400	12/13/2016	6/24/2019	925,228	925,228	0	100.00%
SRC053579	Native Suns, LLC Tiny Town	994.5	600	12/13/2016	5/9/2019	1,818,473	1,814,737	3,736	99.79%
SRC053581	Mesa CSG 2 LLC	1994.85	1500	12/13/2016	5/21/2019	3,157,570	3,157,526	44	100.00%
SRC053585	Rock Creek Solar 2 CSG LLC	1995.84	1560	12/13/2016	11/6/2020	4,004,383	4,002,288	2,095	99.95%
SRC053962	Housing Authority of the City and County of Denver	1996	1500	12/13/2016	12/20/2017	3,667,663	3,581,899	85,764	97.66%
SRC053963	Oak Leaf Solar XXX LLC	1997.1	1500	12/13/2016	12/6/2018	4,195,272	4,195,272	0	100.00%
SRC053964	Oak Leaf Solar XXI LLC	1997.1	1500	12/13/2016	12/27/2018	3,495,151	3,495,151	0	100.00%
SRC053965	Oak Leaf Solar XXII LLC	1997.1	1500	12/13/2016	4/5/2019	3,578,743	3,578,743	0	100.00%
SRC053966	Oak Leaf Solar XXIII LLC	1997.1	1500	12/13/2016	3/27/2019	3,735,283	3,735,283	0	100.00%
SRC053967	Oak Leaf Solar XXIV LLC	1997.1	1500	12/13/2016	3/29/2019	3,653,884	3,653,884	0	100.00%
SRC053968	Oak Leaf Solar XXV LLC	1997.1	1500	12/13/2016	3/29/2019	3,662,103	3,661,967	136	100.00%
SRC053970	Oak Leaf Solar XXVI LLC	1997.1	1500	12/13/2016	4/5/2019	3,614,875	3,614,349	526	99.99%
SRC053971	Oak Leaf Solar XXVII LLC	1997.1	1500	12/13/2016	11/15/2018	3,532,809	3,532,809	0	100.00%
SRC053973	Oak Leaf Solar XXVIII LLC	1997.1	1500	12/13/2016	5/29/2019	3,509,028	3,509,028	0	100.00%
SRC053974	Oak Leaf Solar XXIX LLC	1184	1500	12/13/2016	2/26/2019	2,012,937	2,012,937	0	100.00%
SRC053975	Oak Leaf Solar XXXII LLC	1997.1	1500	12/13/2016	3/5/2019	3,690,510	3,690,465	45	100.00%
SRC053976	Oak Leaf Solar XXXIII LLC	1998	1500	12/13/2016	1/2/2020	3,975,237	3,974,759	478	99.99%
SRC053977	Oak Leaf Solar XXXI LLC	1997.1	1500	12/13/2016	12/27/2018	3,736,253	3,736,253	0	100.00%
SRC054194	Mesa CSG 1 LLC	1993.68	1500	12/13/2016	5/21/2019	3,852,359	3,852,139	220	99.99%
SRC054279	Native Suns, LLC Morrison	1000	790	12/13/2016	6/11/2020	1,457,608	1,389,100	68,508	95.30%
SRC054663	Alden Solar CSG LLC	1995.84	1560	12/13/2016	3/25/2020	3,509,397	3,508,353	1,044	99.97%
SRC054664	Platteville Solar CSG LLC	1632.96	1260	12/13/2016	1/2/2020	2,943,617	2,943,617	0	100.00%
SRC055045	Alamosa Solar South CSG LLC	1995.84	1560	12/13/2016	12/3/2020	4,378,249	4,378,249	0	100.00%
SRC064202	CO U CSG 1 LLC	1994.85	1500	7/16/2018	10/31/2019	3,709,525	3,709,525	0	100.00%
SRC064203	CO U CSG 2 LLC	1000	750	7/16/2018	6/24/2019	1,784,047	1,784,047	0	100.00%
SRC064204	CO U CSG 3 LLC	835.38	600	7/16/2018	6/29/2021	717,983	716,241	1,742	99.76%
SRC064251	GRID Alternatives Colorado	97.47	67.5	12/16/2017	12/28/2018	122,207	122,207	0	100.00%
SRC067947	Mtn Solar 1 LLC	1994.85	1500	7/16/2018	8/30/2019	3,458,041	3,458,041	0	100.00%
SRC067948	Mtn Solar 2 LLC	1994.85	1500	7/16/2018	9/27/2019	3,536,059	3,536,059	0	100.00%
SRC067949	Mtn Solar 3 LLC	2000	1500	7/16/2018	12/23/2019	3,486,587	3,486,587	0	100.00%
SRC067952	Mtn Solar 4 LLC	2000	1500	7/16/2018	11/16/2021	159,448	144,091	15,357	90.37%
SRC067953	Mtn Solar 5 LLC	990.22	750	7/16/2018	6/29/2021	682,161	682,145	16	100.00%
SRC068857	Oak Leaf Solar 36 LLC	1997.1	1500	10/4/2018	6/25/2021	1,456,707	1,446,129	10,578	99.27%
SRC068858	Oak Leaf Solar 37 LLC	1997.1	1500	10/4/2018	12/30/2020	3,268,150	3,268,123	27	100.00%
SRC068869	Oak Leaf Solar 38 LLC	1997.1	1500	10/4/2018	6/18/2021	1,722,681	1,722,649	32	100.00%
SRC068871	Oak Leaf Solar 39 LLC	1997.1	1500	10/4/2018	6/25/2021	1,561,938	1,561,581	357	99.98%
SRC071109	GRID Alternatives Colorado	628.32	480	11/30/2018	12/8/2020	793,872	780,979	12,893	98.38%
SRC071114	Jack's Solar Garden LLC	1244.88	1000	11/30/2018	10/29/2020	2,007,222	2,005,327	1,895	99.91%
SRC071116	Oak Leaf Solar 44 LLC	1997.1	1500	11/30/2018	12/30/2020	3,332,581	3,332,542	39	100.00%
SRC075020	USI Xcel CSG Venture 1 LLC	1997.28	1500	6/28/2019	5/20/2021	2,171,060	1,768,494	402,566	81.46%
SRC075021	USI Xcel CSG Venture 3 LLC	1997.28	1500	6/28/2019	9/29/2021	459,347	344,980	114,367	75.10%
SRC075023	USI Xcel CSG Venture 4 LLC	1997.28	1500	6/28/2019	9/29/2021	685,033	507,419	177,614	74.07%
SRC075024	USI Xcel CSG Venture 2 LLC	1997.28	1500	6/28/2019	9/29/2021	711,707	536,542	175,165	75.39%
SRC075070	Xcel Energy	1995	1500	7/24/2019	4/30/2021	1,000,183	997,922	2,261	99.77%
SRC075071	Xcel Energy	1998	1500	7/24/2019	5/28/2021	835,705	788,600	47,105	94.36%
SRC075114	Xcel Energy	1997	1500	7/24/2019	6/29/2021	663,833	509,823	154,010	76.80%
SRC077501	GRID Alternatives Colorado	99.45	75	1/7/2020	5/26/2021	81,593	52,375	29,218	64.19%
SRC080106	Uncompahgre Solar LLC	5002.5	4750	11/30/2018	1/21/2021	9,459,705	9,459,705	0	100.00%
SRC080108	Paula Carr Memorial Community Solar Garden LLC	4805	4000	11/30/2018	11/12/2021	428,812	352,618	76,194	82.23%
	Total					214,798,692	212,803,061	1,995,631	99.07%

CEO Low-income Rooftop Solar Report

Calendar Year 2021 Report

Program Summary

The Low-income Rooftop Solar Program provides rooftop solar systems to low-income clients via Colorado's Weatherization Assistance Program (WAP). WAP has a 45 year history of providing low-income residents (below 200% of the federal poverty level) with energy efficiency retrofits to make their homes less expensive to heat and cool as well as safer and healthier places to live. In order to provide its low-income residents with even more opportunity to save energy and money, rooftop solar was added to Colorado WAP in 2017 through the Low-income Rooftop Solar Program in partnership with Xcel Energy.

From January 1, 2017 to December 31, 2021, 463 systems have been interconnected. These systems have a total capacity of 1,422.5 kW. See Exhibit 1 for details, below.

Year	Number of Systems Interconnected	Annual Interconnected Capacity (kW)
2017	13	37.2
2018	94	279.1
2019	140	407.2
2020	83	273.1
2021	133	425.9
Total (cumulative)	463	1,422.5

Exhibit 1: Interconnected systems from January 1, 2017 through December 31, 2021

Program Detail

The following detail section provides further information on the 463 systems which have been interconnected as of December 31, 2021.

Details at a Glance

- 463 systems interconnected
- 3.1 kW average system size
- \$9,179 average system cost
- \$2.99 average cost per Watt
- 4,224 kWh average annual energy offset
- \$507 average annual savings (assuming average of \$0.12/kWh rate)
- SIR of 1.38 over 25 year system life

Impact Detail

The 463 systems interconnected have been installed across Colorado from Denver north to Larimer County, south to Conejos County, and west to Mesa County. Without access to solar through this program these WAP clients would not have been able to afford to put rooftop solar on their homes.

Based on production data, the typical system generates approximately 352 kWh per month or 4,224 kWh per year. With an expected electricity rate of \$0.12 per kWh, each system will save the household an average of \$507 per year.

Ownership Detail

The vast majority of the homes, 422 in total, receiving rooftop solar are owned by the WAP client. An additional 41 homes receiving solar are occupied by renters: 29 of these homes are owned by Casas De Rio Grande, a senior housing facility in Del Norte, Colorado; and 12 of these homes are owned by the Boulder County Housing Authority, an affordable housing agency within Boulder County government.

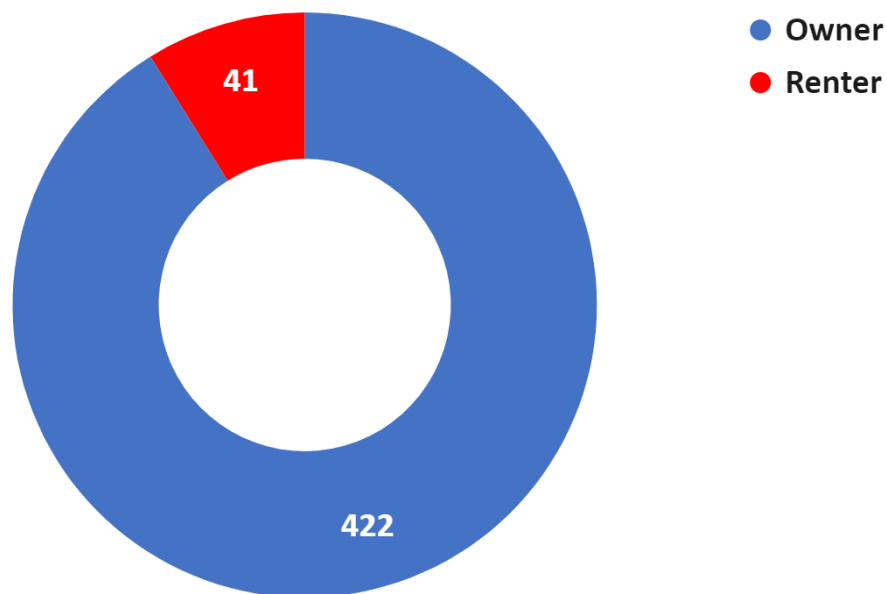


Exhibit 2: Owner and renter distribution of 463 total interconnected rooftop solar homes

Funding Detail

The 463 systems interconnected to date have cost a total of \$4,249,868, based on invoiced amounts. \$2,712,410 has been paid for with RESA funds and \$1,537,458 has been paid for with WAP funds. This is a 64% to 36% split, respectively. Per system average cost is \$9,179; \$5,875 is paid with RESA funds and \$3,304 is paid with WAP funds, on average.

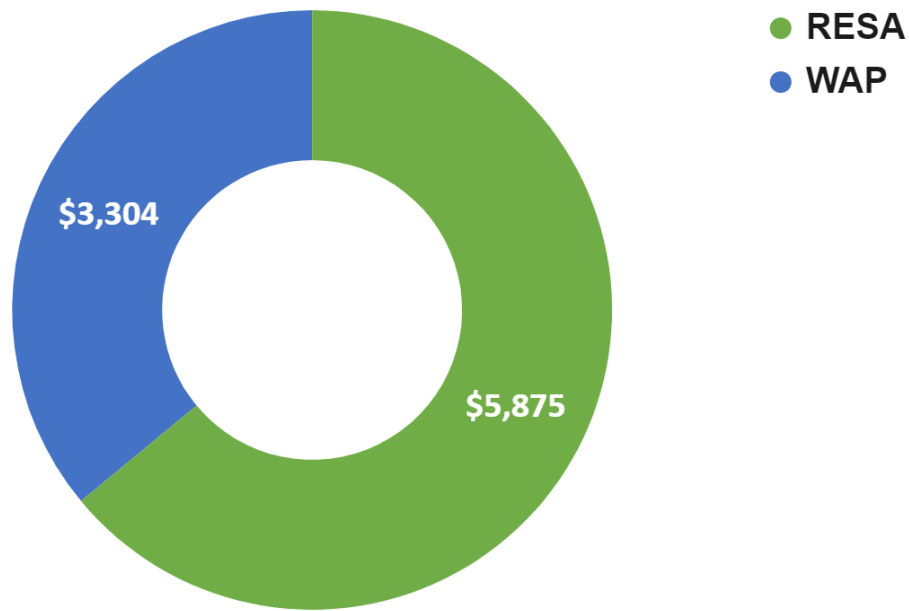


Exhibit 3: Funding distribution of \$9,179 average system cost for 463 interconnected rooftop solar homes

County and Zip Code Detail

County	Systems Interconnected	WAP Eligible Households	Zip Codes Served
Adams	69	52,932	80010, 80011, 80022, 80030, 80031, 80102, 80221, 80229, 80233, 80234, 80241, 80260, 80602
Alamosa	32	3,144	81101, 81144
Arapahoe	71	60,773	80010, 80011, 80012, 80013, 80014, 80015, 80016, 80017, 80018, 80110, 80113, 80120, 80121, 80122, 80128, 80247
Boulder	14	31,914	80027, 80301, 80305
Broomfield	2	3,743	80020
Conejos	21	1,460	81120, 81140, 81141, 81151
Costilla	2	894	81133, 81152
Denver	92	98,956	80123, 80204, 80205, 80207, 80210, 80211, 80215, 80216, 80219, 80220, 80222, 80223, 80227, 80236, 80239, 80249
Douglas	1	5,680	80130
Garfield	4	6,545	81623, 81647, 81680
Jefferson	39	45,632	80002, 80003, 80004, 80005, 80021, 80030, 80033, 80123, 80127, 80201,

			80214, 80215, 80226, 80227, 80228, 80232, 80401, 80439, 80469
Larimer	2	36,403	80549
Mesa	51	20,221	81501, 81503, 81504, 81505, 81506, 81520, 81521, 81526, 81630
Park	1	1,722	80420
Rio Grande	52	1,686	81101, 81132, 81144
Saguache	1	1,446	81136
Summit	1	2,648	80435
Grand Total	463	375,799	

Exhibit 4: Counties and zip codes associated with 463 interconnected rooftop solar homes

**Attachment K
Stakeholder Group Activity**

Stakeholder Group Activity for 2021

As part of the Comprehensive Settlement Agreement (Proceeding No. 16AL-0048E), the settling parties agreed that complex issues in the proceeding would be best addressed through ongoing stakeholder participation. The Stakeholder Groups were originally designed to identify and address issues leading to additional actions in support of the Comprehensive Settlement Agreement, including actions that may require approval of the Commission prior to the next scheduled proceeding in the matter.

The Company has continued to convene Stakeholder Group meetings in the current 2020-21 RES Plan (Proceeding No. 19A-0369E). There are generally quarterly meetings each year where general topics are discussed amongst many different stakeholders. Prior to each meeting, Public Service typically solicits agenda items from stakeholders and includes any special topics or presenters that stakeholders feel would be beneficial to particular meetings. Meetings usually have 30 to 50 attendees and the Company keeps a distribution list that contains well over 100 possible participants. The table below lists the dates in 2021 when quarterly meetings took place and the topics discussed.

Meeting	Date	Topics
Q1	March 18	-DER On-site Interconnection Update -Solar*Rewards Community Update -Regulatory Update
Q2	June 22	-DER On-site Interconnection Update -Solar*Rewards Community Program Update -Regulatory & Legislative Update/Recap

Attachment K
Stakeholder Group Activity

Beyond the quarterly meetings, the stakeholders do engage in other more specific workgroup meetings. These meetings have focused on a variety of topics from program administration such as RFP scoring to interconnection issues. The Company values these meetings as a way to further communications, provide education, and resolve issues with stakeholders.

For 2021, the Company hosted a number of meetings dedicated to obtaining feedback for the 2022-25 RE Plan that was filed on December 20, 2021. The Company hosted stakeholder meetings on the following dates which include customers such as the City of Denver, City of Boulder, and other organizations that represent customers (UCA, EOC, etc.). The Company also engaged in several one-on-one meetings with individual stakeholders.

- March 5, 2021
- May 27, 2021
- June 22, 2021
- July 6, 2021
- August 18, 2021
- October 15, 2021

In addition, the Company provided updates to its key customer accounts throughout 2021 via one-on-one meetings and through its Connected Communities quarterly meetings in 2021 for cities and counties.