

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).

112.7

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

Solar*Rewards	2020		2021		TOTAL	
Incentives	Capacity (up to)	Incentive per kWh	Capacity (up to)	Incentive per kWh	IOIAL	
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	

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

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.

56.35

TOTAL

56.35

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
- Cogentrix Solar
- Greater Sandhill Solar (I & II)
- EPRI at Solar TAC
- San Luis Solar (Iberdrola)
- Northern Colorado Wind
- Ridgecrest

- Waste Management/ Aurora Disposal
- Ames
- Georgetown (I & II)
- Salida II
- Shoshone (I & II)
- Tacoma (I & II)
- Betasso
- Silver Lake
- Lakewood

- Hillcrest
- Roberts Tunnel
- Strontia Springs
- Ute Hydro
- Gross Reservoir
- Redlands
- Dillon Dam
- Foothills

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.

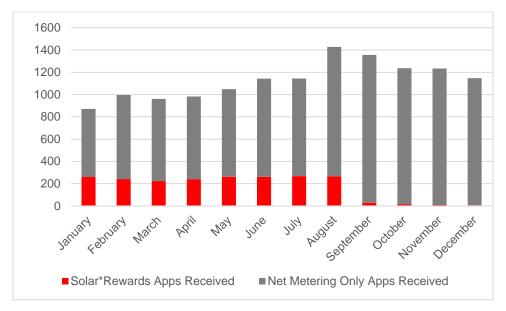
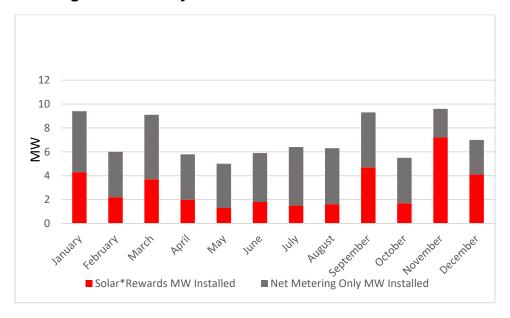


Figure 1: Monthly On-site Solar Applications in 2021

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.

Customer Count by Term MTM 5 Year 10 Year Count 1,029 663 1.496 **Capacity by Term** 5 Year 10 Year MTM kW 2,423 2.566 45,011

Table 5: Renewable*Connect Contract Durations

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.

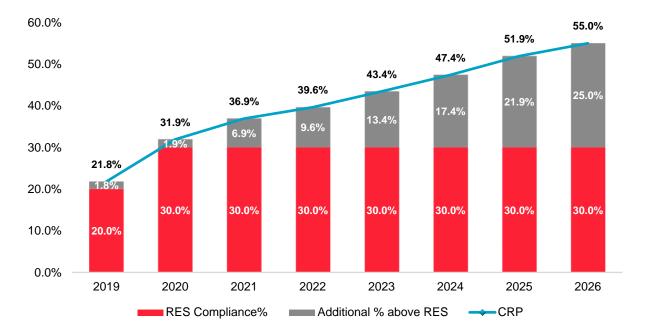


Figure 3: Public Service Certified Renewable Percentage Forecast - 2019 - 2026

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 JWI-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 incomequalified 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.



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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.

(SEAL)

FOR COLORS

THE PERSON OF COLORS

TO SEAL O

ATTEST: A TRUE COPY

THE PUBLIC UTILITIES COMMISSION OF THE STATE OF COLORADO

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

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)(l)	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
3662(a)(VII)	compliance year. The total amount of eligible energy and RECs the QRU has carried forward from
3002(a)(VII)	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.
36662(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
2662(a)(VII)	program. The total amount of DECs cold or traded by the ODLI during the compliance year.
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
2000(-)(/////	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

Attachment A Proceeding No. 19A-0369E Page 3 of 3

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				<u>Notes</u>	<u>%</u>
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% x (1) Colorado Retail Electric Sales	3.000%
4	Retail DG RES Requirement	433,907	RECs	50% x (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			_		

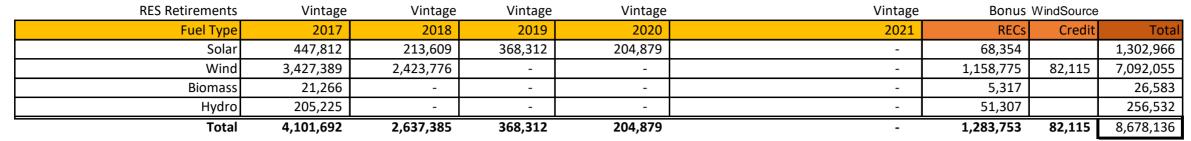
Summary Compliance	Table
Compliance	8,678,136
Windsource Credit	(82,115)
RECs (Retail DG, Wholesale DG, and Non DG)	(7,312,268)
Bonus RECs	(1,283,753)
Balance	0

Summary Compliance Table Disaggregated	
Compliance	8,678,136
Windsource Credit	(82,115)
RECs (Retail DG)	(573,191)
RECs (Wholesale DG)	(473,881)
RECs (Non DG)	(6,265,196)
Bonus RECs	(1,283,753)
Balance	0

Summary Compliance Table Aggregated	
Compliance	8,678,136
Windsource Credit	(82,115)
RECs (Retail DG) + Bonus	(594,989)
RECs (Wholesale DG) + Bonus	(592,353)
RECs (Non DG) + Bonus	(7,408,679)
Balance	0

2021 Renewable Energy Standard Compliance Report

Public Service Company of Colorado Attachment B







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

Attachment C - Renewable Energy Credit Compliance Summary Public Service Company of Colorado 2021 Renewable Energy Standard Report	RECs Carried	REC	Retail RECs obtained after Boulder &	RECs Retired	REC Sales to 3rd	Total RECs	In-State	Additional Community	Total RECs + Bonus Available	REC Adjustments	RECs Retired For	Bonus RECs Applied towards	RECs + Bonus Retired For	Ending Balance of RECs + Bonus	Estimated Ending Balance of RECs Carryover
	Forward	True Up	Wholesale Transfers	for WS, R*C, & CRP	Parties	Available	25% Bonus	50% Bonus	for 2021 RES	Other	2021 RES	2021 RES	2021 RES	2021 RES	w/o bonus
Renewable Resources	2016-2020 *(1)	2016-2020 *(2)	2021	2021	2021	2016-2021	Available*(3)	Available*(3)	Compliance	2021	Compliance	Compliance	Compliance	Compliance	Remains
Column Reference Calculation	А	В	С	D	E	F f=(a +b +c -d -e)	G g ≤ (f × 25%)	Н	i i=(f + g + h)	J	K1	К2	L	М	N
Row	Use RecT b/c Retail DG b	oonus of 1.25 only ap	plies to purchase tran	nsactions < August 11,20)10	1-(a · b · c a · c)	8 = (1 ·· 23/0)		1-(1 . 8 . 11)						
1 Retail DG Solar Systems															
2 Small Customer-Owned (<25 kW) Solar*Rewards Small Third Party Developer Solar*Rewards	149,001	-	90,246	5		239,247	8,385		247,632		149,001	6,778	155,779	91,853	90,246
3 RecT (<25 kW) Solar*Rewards	117,570	-	116,702	2		234,272	5,029		239,301		117,570	5,215	122,785	116,516	116,702
4 RecT Medium 1 (25.01 - 500 kW) Solar*Rewards 5	255,276	-	142,747	7		398,023	10,683		408,706		120,425	5,672	126,097	282,609	277,598
6 RecT RFP Large Solar*Rewards	103,190	-	29,942	2		133,132	2,214		135,346		19,976	941	20,917	114,429	113,156
7 WREGIS RFP Large (COSR) Solar*Rewards	59,071	-	27,402	2		86,473	3,914		90,387		28,402	1,338	29,740	60,647	58,071
8 RecT REC Only	1,499	-				1,499			1,499		1,499		1,499		-
9 RecT SR Community	195,714	-	152,670			348,384	-	5,702.00			85,326	1,854.00			263,058
10 WREGIS SR Community Solar Gardens	115,572	-	62,129			177,701	- 20.225.00	5 702 00	177,701		50,992	24 700	50,992		126,709
11 Total Retail DG Solar 12	996,893	-	621,838	-	-	1,618,731	30,225.00	5,702.00	1,654,658	-	573,191	21,798	594,989	1,059,669	1,045,540
13 Wholesale DG Solar Systems															
14 Power Purchase w/RECs:	Wholesale DG bonus is 1 59,687	1.25 for eligible facilit				f=(a +b +c -d -e) 72,008	g ≤ (f × 25%)		i=(f + g + h) 90,010		15,060	2 765	18,825	71,185	56,948
15 12/17/2007 SunE Alamosa 16	59,087	-	12,321			72,008	18,002		90,010		15,000	3,765	16,623	71,185	30,948
17 04/01/2012 Cogentrix of Alamosa (KEPCO)	209,388	-	45,396			254,784			318,480		58,937	14,734			195,847
18 09/23/2010 Greater Sandhill I 19 09/23/2010 Greater Sandhill II	74,451 86,102	-	13,409 21,783			87,860 107,885	21,965 26,971		109,825 134,856		14,022 21,477	3,506 5,369	17,528 26,846		73,838 86,408
20 12/31/2011 San Luis Solar	307,846	-	66,580			374,426	93,607		468,033		76,599	19,150	95,749		297,827
21 12/01/2011 SunE at SolarTAC	-	-	-			-	-		-		-	-	-		-
22 03/31/2011 Amonix at SolarTAC	-	-	-			-	-		-		-	-	-	0	-
23 11/14/2012 EPRI at SolarTAC	472	-	117			589	147		736		128	32	160		461
Total Wholesale DG Solar	737,946	-	159,606	-	-	897,552	224,388	-	1,121,940		186,223	46,556	232,779	889,161	711,329
26 Wholesale DG Wind 27 Company Owned Generation	Wholesale DG bonus is 1	1.25 for eligible facilit	ies ≤ Dec 31, 2014			f=(a +b +c -d -e)	g ≤ (f × 25%)		i=(f+g+h)						
28 12/17/2007 Ponnequin II	-	-	-			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	5 (34)		(0 /						
29 Ponnequin III	-														
30 Ponnequin IV	-	-	-			-	-		-		-	-	-	0	-
Ponnequin V	-		-			-	-		-		-	-	-	0	-
32 Ponnequin VI	_					_			_			-	_	0	-
33 <u>Power Purchase w/RECs:</u>															
34 09/29/2009 Northern Colorado Wind II	215,792	-	50,745	5		266,537	66,634		333,171		61,149	15,287	76,436	256,735	205,388
35 12/20/2010 NREL Siemens	2,287	-				2,287	572		2,859		18	5	23	2,836	2,269
36 03/24/1998 Ponnequin I 37 12/20/2001 Ridgecrest		-	- 48,378	3		48,378	12,095		60,473			-	-	60,473	48,378
38 Total Wholesale DG Wind	218,079	-	99,123		-	317,202	79,301	-	396,503		61,167	15,292	- 76,459		256,035
 39 40 Wholesale DG Biomass 41 Power Purchase w/RECs: 	Wholesale DG bonus is 1	1.25 for eligible facilit	ies ≤ Dec 31, 2014			f=(a +b +c -d -e)	g ≤ (f × 25%)		i=(f+g+h)						
42 02/11/1987 75th St Digester 43 07/31/2008 WM Denver/Aurora Disposal Site	- 78,268	-	19,308			95,037	23,759		118,796		21,266	5,317	26,583	92,213	73,771
Total Wholesale DG Biomass	78,268	-	19,308		-	05.007	23,759	-	118,796		21,266	5,317			73,771
45	, 3,200		13,300	2,333		55,057	23,733		110,730		21,200	5,517	20,303	52,213	,5,,,1

Puk	achment C - Renewable Energy Credit Compliance Summary Dic Service Company of Colorado 21 Renewable Energy Standard Report	RECs Carried	REC	Retail RECs obtained after Boulder &	RECs Retired	REC Sales to 3rd	Total RECs	In-State	Additional Community	Total RECs + Bonus Available	REC Adjustments	RECs Retired For	Bonus RECs Applied towards	RECs + Bonus Retired For	of RECs + Bonus	Estimated Ending Balance of RECs Carryover
		Forward	True Up	Wholesale Transfers	for WS, R*C, & CRP	Parties	Available	25% Bonus	50% Bonus	for 2021 RES	Other	2021 RES	2021 RES	2021 RES	2021 RES	w/o bonus
	newable Resources	2016-2020 *(1)	2016-2020 *(2)	2021	2021	2021	2016-2021	Available*(3)	Available*(3)	Compliance	2021	Compliance	Compliance	Compliance	Compliance	Remains
	umn Reference	А	В	С	D	E	F	G	Н	i	J	K1	K2	L	М	N
46 <u>Wh</u>	olesale DG Hydropower	will be been	4.05.6 19.11.6 199				6 / 1 1 1	. (5 250()		. (6						
47	Company-Owned Generation:	Wholesale DG bonus is	1.25 for eligible facilit				f=(a +b +c -d -e)	g ≤ (f × 25%)		i=(f + g + h)		0.422	2.024	10.453	10.603	14.002
48	06/01/1906 Ames	17,889	-	5,116			23,005	5,751		28,756		8,122	2,031	10,153		14,883
49	06/01/1906 Georgetown I	7,047	-	1,988			9,035	2,259		11,294		2,893	723	3,616		6,142
50	06/01/1908 Georgetown II	5,820	-	1,389			7,209	1,802		9,011		1,931	483	2,414	6,597	5,278
51 52	06/01/1929 Salida I	-	-	-			0.530	2.420		10.550		2.522	CEO	2 204	7.250	F 007
52	06/01/1908 Salida II	6,932	-	1,588			8,520	2,130		10,650		2,633	658	3,291		5,887
53	05/01/1909 Shoshone I	112,223	-	25,855			138,078	34,520		172,598		41,225	10,306	51,531		96,853
54 55	06/01/1908 Shoshone II	131,560	-	14,316	10,154		135,722	33,931		169,653		47,013	11,753	58,766		88,709
55 56	06/01/1906 Tacoma I 06/01/1905 Tacoma II	19,611	-	-			19,611	4,903		24,514		5,984	1,496	7,480		13,627
56		20,401	-	-			20,401	5,100		25,501		7,413	1,853	9,266	16,235	12,988
57 50	Power Purchase w/RECs:															
58 59	12/18/1987 Betasso	13,930	-	3,003			16,933	4,233		21,166		3,558	890	4,448	16,718	13,375
60	02/01/2004 Lakewood	15,773	-	3,504	ı.		19,277	4,819		24,096		4,755	1,189	5,944	18,152	14,522
61	05/01/2000 Silver Lake	17,142	-	4,271			21,413	5,353		26,766		4,147	1,037	5,184	21,582	17,266
62	01/01/2009 Kohler	-	-	-				-		-		· -	-	-	0	-
63	01/01/2009 Maxwell	481	-	-			481	120		601		353	88	441	160	128
64	01/01/2009 Orodell	257	-	-			257	64		321		257	64	321	0	-
65	02/01/2009 Sunshine	1,144	-	-			1,144	286		1,430		1,143	286	1,429	1	1
66	10/01/1987 Dillon Dam	28,530	-	6,965			35,495	8,874		44,369		6,463	1,616	8,079	36,290	29,032
67	05/01/1985 Foothills	19,544	-	5,208			24,752	6,188		30,940		6,841	1,710	8,551	22,389	17,911
68	06/01/1993 Hillcrest	20,197	-	6,277	•		26,474	6,619		33,093		5,519	1,380	6,899	26,194	20,955
69	01/01/1988 Roberts Tunnel	51,759	-	17	•		51,776	12,944		64,720		16,890	4,223	21,113	43,607	34,886
70	07/01/1986 Strontia Springs	26,067	-	7,623			33,690	8,423		42,113		4,820	1,205	6,025	36,088	28,870
71	08/01/2007 Gross Reservoir	64,835	_	11,707	,		76,542	19,136		95,678		16,417	4,104	20,521	75,157	60,125
72	6/27/2015 Ute Hydro ineligible	617	_	587			1,204	-		1,204			-	· -	1,204	1,204
73	08/01/1931 Redlands	31,060	-	6,342			37,402	9,351		46,753		8,046	2,012	10,058		29,356
74	01/01/2010 Stagecoach	-	-	-			-	-		-		-	-	-	0	-
75	01/01/1932 Grand Valley	14,257	-	-			14,257	3,564		17,821		4,401	1,100	5,501	12,320	9,856
76	01/01/1932 Orchard Mesa	14,257	-	-			14,257	3,564		17,821		4,401	1,100	5,501	12,320	9,856
77 78 Tot	al Wholesale DG Hydropower	641,333	-	105,756	10,154	_	736,935	183,934		920,869		205,225	51,307	256,532	664,337	531,710
79				200,7.00	20,20		. 55,555					200,223		200,002		
80 Tot	al Wholesale DG	1,675,626	-	383,793	12,693	-	2,046,726	511,382	-	2,558,108		473,881	118,472	592,353	1,965,755	1,572,845

	Attachment C - Renewable Energy Credit Compliance Summary Public Service Company of Colorado 2021 Renewable Energy Standard Report	RECs Carried Forward	REC True Up	Retail RECs obtained after Boulder & Wholesale	RECs Retired for WS, R*C, & CRP	REC Sales to 3rd	Total RECs Available	In-State 25% Bonus	Additional Community 50% Bonus	Total RECs + Bonus Available for 2021 RES	REC Adjustments Other	RECs Retired For 2021 RES	Bonus RECs Applied towards 2021 RES	RECs + Bonus Retired For 2021 RES	Ending Balance of RECs + Bonus 2021 RES	Estimated Ending Balance of RECs Carryover w/o bonus
	Renewable Resources	2016-2020 *(1)	2016-2020 *(2)	Transfers 2021	2021	Parties 2021	2016-2021	Available*(3)	Available*(3)	Compliance	2021	Compliance	Compliance	Compliance	Compliance	Remains
	Column Reference	A	В	C	D	E	F	G G	Н	i	J	K1	K2	L	M	N
8	2 <u>Non-DG Wind</u> 3 <u>Company-Owned Generation:</u>	Non-DG bonus is 1.25 fo	or eligible facilities ≤ D	ec 31, 2014			f=(a +b +c -d -e)	g ≤ (f × 25%)		i=(f+g+h)						
8		3,224,051		2 120 702	2,129,792		2 224 054			3,224,051		197,913		197,913	3,026,138	2.026.129
0	4 12/7/2018 Rush Creek ineligible	3,224,031	-	2,129,792	2,129,792	-	3,224,051	-		3,224,031		197,913	-	197,913	5,020,138	3,026,138
8	5 8/26/2020 Cheyenne Ridge ineligible	460,638	-	1,740,267	143,009	-	2,057,896	-		2,057,896		-	-	-	2,057,896	2,057,896
8 8	6 <u>Power Purchase w/RECs:</u> 7 11/20/2007 Cedar Creek	1,017,593	-	167,870		_	1,185,463	296,366		1,481,829		356,959	89,240	446,199	1,035,630	828,504
8	8 06/09/2011 Cedar Creek II	895,883	-	200,751		-	1,096,634	274,159		1,370,793		245,735	61,434	307,169		850,899
8	9 9/30/2020 Bronco Plains ineligible	661,642	-	1,061,297		-	1,722,939	-		1,722,939		-	-	-	1,722,939	1,722,939
9	0 10/28/2020 Mountain Breeze ineligible	161,119	-	611,625		-	772,744	-		772,744		-	-	-	772,744	772,744
9	1 09/12/2011 Cedar Point	2,119,502	-	495,998		-	2,615,500	653,875		3,269,375		823,316	205,829	1,029,145	2,240,230	1,792,184
9	2 01/19/2004 Colorado Green	1,237,545	-	535,742		-	1,773,287	443,322		2,216,609		432,342	108,086	540,428	1,676,181	1,340,945
9	3 01/01/2009 Foote Creek III	-				-										
9	4 10/12/2015 Golden West ineligible	3,018,716	-	815,622		-	3,834,338	-		3,834,338		1,018,165	-	1,018,165	2,816,173	2,816,173
9	5 11/01/2012 Limon Wind	1,317,512	-	638,161		83,753	1,871,920	467,980		2,339,900		554,910	138,728	693,638	1,646,262	1,317,010
9	6 11/15/2012 Limon Wind II	769,046	-	569,051		145,172	1,192,925	298,231		1,491,156		358,207	89,552	447,759	1,043,397	834,718
9	7 10/02/2014 Limon Wind III	1,016,922	-	816,179		621,075	1,212,026	303,007		1,515,033		368,075	92,019	460,094	1,054,939	843,951
9	8 10/01/2007 Logan	1,072,174	-	366,395		-	1,438,569	359,642		1,798,211		330,194	82,549	412,743	1,385,468	1,108,375
9	9 06/01/2009 Northern Colorado Wind I	1,213,670	-	391,552		-	1,605,222	401,306		2,006,528		414,263	103,566	517,829	1,488,699	1,190,959
10	00 09/01/2007 Peetz Table	969,674	-	621,309	273,716	-	1,317,267	329,317		1,646,584		345,756	86,439	432,195	1,214,389	971,511
10 10	, , ,	391,773 695,041	-	126,529 171,575		-	518,302 866,616	129,576 216,654		647,878 1,083,270		131,003 213,160	32,751 53,290	163,754 266,450		387,299 653,456
	Total Non-DG Wind	20,242,501	0	11,459,715	2,546,517	850,000	28,305,699	4,173,435	-	32,479,134		5,789,998	1,143,483	6,933,481		22,515,701
	Non-DG Solar	20,242,501 Non-DG bonus is 1.25 fo	or eligible facilities < D	ec 31 201 <i>4</i>			28,305,699 f=(a +b +c -d -e)	$g \le (f \times 25\%)$		32,479,134 $i=(f+g+h)$		5,789,998				22,515,701
	12/23/2015 Solar Star III (Hooper) ineligible	321,410	- eligible facilities 3 D	106,396	106,396		321,410	g <u>s</u> (1 × 25/0)		321,410		154,931		154,931	166,479	166,479
														13 1,331		
10	77 12/21/2018 Titan Solar ineligible	6,974		103,876	97,501		13,349	-		13,349			•	-	13,349	13,349
	08 09/02/2016 Comanche Solar ineligible	949,741	-	213,890	147,548		1,016,083	-		1,016,083		320,267	-	320,267	_	695,816
10	D9 11/15/2021 Bighorn Solar ineligible	-	-	64,710			64,710	-		64,710			•	-	64,710 _	64,710
	10 Total Non-DG Solar	1,278,125		488,872	351,445	-	1,415,552	-	-	1,415,552		475,198	·	475,198	940,354	940,354
	11 Total Non-DG	21,520,626	-	11,948,587	2,897,962	850,000	29,721,251	4,173,435	-	33,894,686		6,265,196	1,143,483	7,408,679	26,486,007	23,456,055
11	13															
	15 Total Renewable Resources	24,193,145	-	12,954,218	2,910,655	850,000	33,386,708	4,715,042	5,702	38,107,452	0	7,312,268	1,283,753	8,596,021	29,511,431	25,028,900
11	L6 check	0 24,193,145	-	12,954,218	2,910,655	850,000	33,386,708	4,715,042								
11		24,193,	,145	Ι .	↓.	I						RES Compliance		0		
11 11			D.	Windsource→ enewable Connect→	273,716 97,501		-	Overall Bonus% 14.1%			_	ess WindSource credit Retire these RECs + Bonus for	the RFS	(82,115 (82,115		
12		-		enewable Percent →	2,539,438		ı	14.1/0			ľ	Care need . Donas for		(02,11)	<u>'</u>	
12 12	21 22				2,910,655	\downarrow										
12		Γ	Delivered from		12/31/2021 4/30/2022											

4/30/2022

342,467

850,000

1/31/2022

Delivered from

124 **Notes:**

(1) RECs presented are NET of transfers and <u>do not</u> include in-state bonus

A 50% Bonus Applies to Community Based Projects per 3654(g)

130 (4) 82115 RECs retired for Windsource offsets the 2021 RES

(2) WREGIS adjustments typically from bonus corrections, true-ups, and rounding

(3) A 25% Bonus only applies to **Retail DG** RECs based on purchase transactions entered into prior to **August 11, 2010**

Only Wholesale DG and Non-DG generators with COD ≤ 12/31/2014 (i.e. less than 01/01/2015) are eligible for the 25% bonus

125

127

128 129

131

Attachment IV - Renewable Energy Credits Acquired/Transferred Public Service Company of Colorado

Renewable Resources		Capacity (MW-dc) ¹	RECs Acquired 2021	City of Boulder Transfers 2021	Wholesale Wind Purchases 2021	Wholesale Allocation 2021	Total Retail RECs Available 2021	Capacity Factor Check
Column Reference		a	b	С	d	е	f	g
Calculation							f = (b - c - d - e)	$g = b / (a \times yr hours)$
Retail DG Solar Systems								
	RecT Small Customer-Owned (<25 kW)	126.85	90,246				90,246	8%
	RecT Small Third Party Developer (<25 kW)	99.19	116,702				116,702	13%
	RecT Medium 1 (25.01 - 500 kW)	135.18	142,747				142,747	12%
	RecT RFP Large	36.35	29,942				29,942	9%
	WREGIS RFP Large (COSR)	18.34	27,402				27,402	17%
	RecT REC Only	2.06	-				0	0%
	RecT SR Community	110.62	152,670				152,670	169
	WREGIS SR Community Solar Gardens	31.16	62,129				62,129	239
						•		
Retail DG Solar			621,838	0	0	0	621,838	
Wholesale DG Solar Systems		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
Power Purchase w/F	RECs:							
	C . F Alexandra						40.004	23%
	SunE Alamosa	6.200	12,321			0	12,321	237
	Sune Alamosa	6.200	12,321			0	12,321	23/
	Cogentrix of Alamosa (KEPCO)	30.000	12,321 45,396			0	12,321 45,396	
								179
	Cogentrix of Alamosa (KEPCO) Greater Sandhill I Greater Sandhill II	30.000	45,396 24,203 21,783			0 10,794 0	45,396 13,409 21,783	179 289 289
San Luis Valle	Cogentrix of Alamosa (KEPCO) Greater Sandhill I Greater Sandhill II	30.000 10.000	45,396 24,203			0	45,396 13,409 21,783	17% 28% 28% 25%
San Luis Valle	Cogentrix of Alamosa (KEPCO) Greater Sandhill I Greater Sandhill II	30.000 10.000 9.000	45,396 24,203 21,783			0 10,794 0	45,396 13,409 21,783	179 289 289
San Luis Valle	Cogentrix of Alamosa (KEPCO) Greater Sandhill I Greater Sandhill II by Solar Ranch San Luis Solar	30.000 10.000 9.000	45,396 24,203 21,783			0 10,794 0	45,396 13,409 21,783 66,580	179 289 289
San Luis Valle	Cogentrix of Alamosa (KEPCO) Greater Sandhill I Greater Sandhill II y Solar Ranch San Luis Solar SunE at SolarTAC	30.000 10.000 9.000	45,396 24,203 21,783			0 10,794 0	45,396 13,409 21,783 66,580	179 289 289

Attachment C - Renewable Energy Credits Acquired/Transferred Public Service Company of Colorado

27	Wholesale DG Wind		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
28	Company Owned Generation								
29		Ponnequin II	-	0				0	
30		Ponnequin III	-	0				0	
31		Ponnequin IV	-	0				0	
32		Ponnequin V	-	0				0	
33		Ponnequin VI	-	0				0	
34	Power Purchase w/RECs:								
35		Northern Colorado Wind II	22.50	58,096			7,351	50,745	
36		NREL Siemens	2.30	0			0	0	0%
37		Ponnequin I	- <u> </u>	0				0	
38		Ridgecrest	-	48,378				48,378	
39	Total Wholesale DG Wind			106,474		0 0	7,351	99,123	
40									
41	Wholesale DG Biomass		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
42	Power Purchase w/RECs:								
43		75th St Digester	-	0					
44		WM Denver/Aurora Disposal Site	3.28	20,678			1,370	19,308	72%
45	Total Wholesale DG Biomass			20,678		0 0	1,370	19,308	
16									

Attachment C - Renewable Energy Credits Acquired/Transferred Public Service Company of Colorado

	2021 Renewable Energy Standard Compilation Report		Nameplate						
47	Wholesale DG Hydropower		Capacity	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
			(MW-ac)		Hallsters		Allocation		
48	Company-Owned Generation:	_							
49	Ames	L	2.80	5,260			144	5,116	21%
50	Georgetown		0.70	2,034			46	1,988	33%
51	Georgetown	I	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 Tunn	el	5.50	17			0	17	0%
70	Strontia Sprir	gs	1.00	7,623			0	7,623	87%
71	Gross Reserve	oir	7.80	11,707			0	11,707	17%
72	Ute Hydro		0.23	587			0	587	30%
73			1.40	6,342			0	6,342	52%
74	Stagecoach								
75	Grand Valley		1.50	0			0	0	0%
76		a	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

	Non-DG Wind	, , , , , , , , , , , , , , , , , , ,			Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
83		Company-Owned Generation:									
84			Rush Creek		600.00	2,129,792			0	2,129,792	41%
85			Cheyenne Ridge		499.00	1,740,267			0	1,740,267	22%
86		Power Purchase w/RECs:									
87			Cedar Creek		300.50	550,375			382,505	167,870	21%
88			Cedar Creek II		250.80	470,110			269,359	200,751	21%
89			Bronco Plains		300.00	1,061,297			0	1,061,297	40%
90			Mountain Breeze		171.72	611,625			0	611,625	41%
91			Cedar Point		252.00	495,998			0	495,998	22%
92		Colorado Green	Colorado Green		162.00	535,742			0	535,742	38%
93	•		Foote Creek III	-	-	-			-		
94		Golden West Power Partners - Golden West Power Partners	Golden West		249.40	815,622			0	815,622	37%
95	•		Limon Wind		200.00	707,432			69,271	638,161	40%
96			Limon Wind II		200.00	596,761			27,710	569,051	34%
97			Limon Wind III		200.60	816,179			0	816,179	46%
98			Logan		201.00	387,395			21,000	366,395	22%
99			Northern Colorado Wind I		151.80	391,552			0	391,552	29%
100			Peetz Table		199.50	621,309			0	621,309	36%
101			Spring Canyon		60.00	126,529			0	126,529	24%
102		Twin Buttes	Twin Buttes		75.00	171,575			0	171,575	26%
103	Total Non-DG Wind					12,229,560	0	0	769,845	11,459,715	
104											

Attachment C - Renewable Energy Credits Acquired/Transferred Public Service Company of Colorado

2021 Renewable Energy Standard Compliance Report

105 Non-DG Solar		Nameplate Capacity (MW-ac)	RECs Acquired	City of Boulder Transfers	Wholesale Wind Purchases	Wholesale Allocation	Total RECs Available	Capacity Factor Check
106	Solar Star III (Hooper)	50.00	106,396			0	106,396	24%
107	Titan Solar	50.00	103,876			0	103,876	24%
108	Comanche Solar	120.00	248,667			34,777	213,890	24%
	Bighorn Solar	240.00	64,710			0	64,710	3%
109 Total Non-DG Solar			523,649			34,777	488,872	
110								
111 Total Non-DG			12,753,209	C	0	804,622	11,948,587	
112								
113 Total Renewable Resources	Retail DG + Wholesale DG + Non-DG		13,795,805	10,779	0	830,808	12,954,218	
114								

115 **Notes:**

116

117 (1) Retail DG solar capacity presented in DC; all other generators presented in AC 118

Attachment C - RECs Acquired Compliance Plan vs Report Public Service Company of Colorado

2021 Renewable Energy Standard Compliance Report

RECs Acquired

		Tt2007t0quirou								
		2021	2021							
		RES Compliance	RES Compliance	Percent						
	Renewable Resources	<u>Plan*</u>	Report	<u>Difference</u>						
	Column Reference	а	b	С						
	Calculation			(b-a) / a						
Row										
1	Retail DG Solar Systems	740,083	621,838	-16%						
2										
3	Wholesale DG Solar Systems	195,849	170,400	-13%						
4										
5	Wholesale DG Wind	135,856	106,474	-22%						
6										
7	Wholesale DG Biomass	20,291	20,678	2%						
8										
9	Wholesale DG Hydro	192,567	123,206	-36%						
10										
11	Non-DG Wind	13,422,358	12,229,560	-9%						
12										
13	Non-DG Solar	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

Renewable Energy Standard Compliance Report

Total RECs retired for RES & CRP

Certified Renewable Percentage

RES Compliance%

Additional % beyond RES

All values in MWh RECs unless otherwise noted	2021
Colorado Sales	
Total PSCo Retail Sales	28,927,119
Total PSCo Trade Margin Sales	1,114,787
Trade Margin Sales as a percent of Total Sales	3.7%
RECs Allocated to CO	
Solar*Rewards Community (CSG)	214,799
Wholesale DG RECs Gen	420,758
Non DG RECs Gen	12,753,209
	13,388,766
Small Customer-Owned (<25 kW)	90,246
Small Third Party Developer (<25 kW)	116,702
Medium 1 (25.01 - 500 kW)	142,747
RFP Large	57,344
RFP Large (off-grid)	(3,630.67)
REC Only	-
Solar Rewards Generation	403,408
<u></u>	
Total CO Renewable Gen	13,792,174
	10,752,171
	13,732,171
Adjustments	
Adjustments Trade Margin Adjustment	511,796
Trade Margin Adjustment	511,796 0
Trade Margin Adjustment Purchased RECs	511,796
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley,	511,796 0
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington	511,796 0 830,808
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder	511,796 0 830,808 10,779
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder	511,796 0 830,808 10,779
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales	511,796 0 830,808 10,779 850,000
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance	511,796 0 830,808 10,779 850,000
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation %	511,796 0 830,808 10,779 850,000 30% 8,678,136
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance	511,796 0 830,808 10,779 850,000
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance Renewable*Connect Sales	511,796 0 830,808 10,779 850,000 30% 8,678,136 97,501
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance Renewable*Connect Sales Windsource Sales CRP Calculation	511,796 0 830,808 10,779 850,000 30% 8,678,136 97,501
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance Renewable*Connect Sales Windsource Sales	511,796 0 830,808 10,779 850,000 30% 8,678,136 97,501 273,716
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance Renewable*Connect Sales Windsource Sales CRP Calculation	511,796 0 830,808 10,779 850,000 30% 8,678,136 97,501
Trade Margin Adjustment Purchased RECs Wholesale Transfers: IREA, Yampa Valley, Holy Cross, Grand Valley, and Burlington Wholesale Transfers: Boulder REC Sales REC Retirements and Attribution RES Obligation % RECs retired for RES compliance Renewable*Connect Sales Windsource Sales CRP Calculation	511,796 0 830,808 10,779 850,000 30% 8,678,136 97,501 273,716

Certified Renewable Percentage

Additional RECs to retire for CRP

38.25%

2,539,438

28,927,119

8,678,136 2,539,438

30.0%

8.2%

11,217,574

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

	A	В	С	D	Е	F	G	Н	1	J	K	L	M	N	0
		Total I	Renewable Energy Cos	ts*			RESA Rel	ated 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 Balanc	e at December 31,	, 2020	\$51,325,651
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)	
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*** ***Note: Delta = Modele	\$4,674,016 ed minus Adjusted Actua		\$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)
	Onsite									Incremental					

	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)	\$8	392,408
•	***Note: Delta = Model	led minus Adjusted Actua	al									
		0									•	
		Onsite									Increm	
	C*D DEC-	Solar								C*D	Cos	ts
	S*R RECs	25,805,075								S*R	25.4	205 075
	CEO Low Income Roofto	•								Pre-2009 - 2017		305,075
	S*RC - REC	7,721,743								CEO Low Income Rooftop		739,686
	S*RCS Tariff	15,688,597								On-site Avoided		792,487)
	Tota	al \$ 49,955,101	i								\$ 1,7	752,274
			Solar									
		SunE Alamosa	2,698,317								Increme	ental
		Sunpower	6,678,438								Cos	ts
		Congentrix of Alamosa	6,997,159							S*R Community		
		San Luis Solar	10,371,876							S*RC	7,7	721,743
		Comanche Solar	19,002,327							S*RC Sub/Unsubscribed		-
		Solar Star	7,371,851								\$ 7,7	721,743
		Titan Solar (R*C)	4,099,994							Utility Solar		
		Total								Sunpower (Sandhill)	3,3	386,161
		•		Wind						SunE Alamosa	1,6	540,956
			Bronco Plain	15,054,706						San Luis		350,033
			Cedar Creek II	33,284,953						Comanche Solar	·	7,409
			Cedar Point Wind, LLC	49,506,083						Solar Star	(4	181,900)
			Mountain Breeze	10,833,952								102,659
			Golden West	26,045,005						Wind	-	
			COIGCII WCCC	20,0 15,005						TT III G		

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

Limon I

Limon II

Limon III

Northern CO Wind II

Northern CO Wind

Colorado Green 7,201,865 Limon II (4,477,327) 1,124,652 (10,955,669) Ridge Crest Limon III Rush Creek/Cheyenne Ridge (See Attachment F) Northern CO Wind Northern CO Wind II 8,095,062 1,591,839 (131,684,355) 115,725,081 Colorado Green **Includes Wholesale Customer RESA RJA Credit. Ridgecrest Golden West Rush Creek/Cheyenne Ridg

25,309,276

21,661,723

22,309,208

29,941,243

5,136,771

2,519,966 (1,023,732) (8,016,522) 11,316,849 20,049,722 **Total** \$ 38,926,398

Bronco Plain

Cedar Point

Limon I

Cedar Creek II

Mountain Breeze

(543,616)

12,499,210

8,763,599

4,563,222

(4,826,776)

2021

2021

40,121,283.37 \$ 312,916,234.67 \$

4,099,993.57

RES Compliance Report 2021 Attachment E

Renewable* **Technology** Contract Generator **Total Cost RESA Cost ECA Cost 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 Orodell \$ \$ \$ Sunshine Hydro City of Boulder \$ \$ Hydro **Denver Water Board** Dillon Dam \$ 374,797.09 \$ \$ 374,797.09 \$ \$ Hydro **Denver Water Board** Foothills 178,055.58 178,055.58 Gross Reservoir Hydro Denver Water Board \$ 381,996.88 \$ \$ 381,996.88 \$ \$ Hydro **Denver Water Board** Hillcrest 222,189.81 \$ 222,189.81 **Denver Water Board** Roberts Tunnel \$ \$ Hydro 538.74 \$ 538.74 Denver Water Board \$ \$ Hydro Strontia Springs 266,002.69 \$ 266,002.69 Grand Valley Water Users Association \$ \$ Hydro Grand Valley Water Users Association \$ Orchard Mesa Irrigation District Orchard Mesa Irrigation District \$ \$ Hydro \$ \$ 215.045.12 \$ Hydro Redlands Water & Powr Company Redlands Water & Powr Company 215,045.12 Hydro STS Hydropower, LTD. STS - Mt. Elbert \$ \$ Black Hills Black Hills \$ \$ 8,724.00 Hydro 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 \$ **SNDHL** \$ 6,678,437.56 \$ 3,386,160.61 \$ Solar Sunpower 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 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 \$ Solar SunEAlamosa SunEAlamosa 2,698,317.14 \$ 1,640,955.74 \$ 1,057,361.40 \$ **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 \$ 7,853,750.80 7,371,851.08 \$ (481,899.72) \$ Solar Solar Star Solar Star 181.634.75 Solar Gardens subscribed/Unsubscribed Solar Gardens subscribed/Unsubscribed \$ Solar \$ 181,634.75 Titan Solar, LLC Solar Titan Solar \$ 4,099,993.57 4,099,993.57 11,141,160.05 \$ Total Solar \$ 71,360,451.64 56,119,298.02 4,099,993.57 Alstom Power Inc \$ Wind Alstom Power Inc \$ Wind Bronco Plain Bronco Plain 15,054,705.71 (543,615.68) \$ 15,598,321.39 37,798,122.49 \$ Wind Cedar Creek CdrCrk \$ 37,798,122.49 \$ Wind Cedar Creek II 33,284,952.91 \$ 8,763,599.10 \$ 24,521,353.81 Cedar Creek II Cedar Point Wind, LLC Wind Cedar Point Wind, LLC \$ 49,506,083.21 12,499,210.25 \$ 37,006,872.96 \$ 10,833,951.92 \$ Wind \$ 4,563,221.86 \$ 6,270,730.06 Mountain Breeze Mountain Breeze Gamesa Wind US, LLC Wind 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 25,309,275.63 \$ (4,826,775.80) \$ 30,136,051.43 Limon | \$ Wind Limon II Limon II 21,661,722.77 \$ (4,477,327.17) \$ 26,139,049.94 \$ (10,955,669.22) \$ Wind Limon III Limon III 22,309,207.96 \$ 33,264,877.18 \$ 28,136,905.43 \$ 28,136,905.43 Wind Logan Logan \$ \$ National Renewable Energy Laboratory National Renewable Energy Laboratory \$ Wind \$ Northern CO Wind Energy II 5,136,771.34 \$ 1,591,839.28 \$ 3,544,932.06 Wind NCoWndII \$ Northern Colorado Wind Farm NCoWnd 29,941,242.61 \$ Wind 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. \$ Spring Canyon Energy LLC (Invenergy) \$ 6,405,862.52 \$ 6,405,862.52 Wind SprCanWind \$ 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 (131,684,354.85) \$ Wind Owned Rush Creek / Cheyenne Ridge \$ 11,316,849.36 \$ (131,684,354.85) 236,622,458.14 \$ 19,506,106.35 \$ 228,433,201.15 \$ 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 Common to All Programs Onsite 9,064,327.85 \$ Customer Sited Solar < 10 kW \$ 9,064,327.85 Onsite Customer Sited Solar >10 kW -500 kW Onsite \$ 10,038,608.53 \$ 10,038,608.53 Onsite Customer Sited Solar Large RFP \$ 6,702,138.21 \$ 6,702,138.21 Small 3rd Party Developer Onsite Non-Customer Sited Solar Onsite Onsite Wholesale Costs \$ Solar Gardens 10-50kW 7,721,743.15 \$ \$ Onsite 7,721,743.15 Onsite Solar Gardens 50.01 - 500 kW \$ \$ Solar Gardens 500.01 - kW - 2MW Onsite \$ \$ Onsite Low Income Rooftop Solar \$ 739,686.15 \$ 739,686.15 Total Other RESA Expense \$ 34,266,503.89 \$ 34,266,503.89

2021

2021

I. <u>INTRODUCTION</u>

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 nonrenewable resources, such as additional gas-fired capacity (either combustion

Page 3 of 6

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 JWI-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.

olar Garden ID	Solicitation	Parent Developer	Current Garden Owner	Garden Name	Garden Street	Garden City	Garden Zip Code Garden County Name Pla	eta Canacity (kW DC) AC Active P	ower Nameplate Rating (kW) Operational
RC011229	Solicitation	Greenbacker Group	Greenbacker Group	Sterling CSG	13401 Riverside Drive	Sterling	80751 LOGAN	1999.8	1500 Y
RC011647		Clean Energy Collective	US Bank	CEC Solar #1023, LLC	21560 W 56th Ave. Unit A	Golden	80007 JEFFERSON	569.17	420 Y
RC011744 RC010496	2012 RFP	Greenbacker Group Clean Energy Collective	Greenbacker Group US Bank	Mesa CSG GC Solar 2, LLC	2930 D 1/4 Road 5050 N Telluride	Grand Junction Denver	81594 MESA 80239 DENVER	1999.8 499.17	1640 Y 400 Y
C010497		Clean Energy Collective	Clean Energy Collective	Breck Solar 1, LLC	7581 E Academy Blvd.	Denver	80230 DENVER	400.075	325 Y
C010498		Clean Energy Collective	US Bank	CEC Solar #1026, LLC	21560 W 56th Ave. Unit B	Golden	80403 JEFFERSON	115.15	90 Y
C010499 C010500		Clean Energy Collective Clean Energy Collective	Clean Energy Collective Town of Breckenridge	Mesa Solar 1, LLC Summit Solar 1, LLC	1600 66th St 710 Wellington Rd	Boulder Breckenridge	80303 BOULDER 80424 SUMMIT	496.455 497.97	400 Y 400 Y
C010502		Clean Energy Collective	Town of Breckenridge	CEC Solar #1020, LLC	12920 CO Highway 9	Breckenridge	80424 SUMMIT	499.515	400 Y
C010506		Clean Energy Collective	Clean Energy Collective	Can Solar 1, LLC	790 Tower Road	Aurora	80012 ARAPAHOE	498.01	400 Y
RC010507 RC010509		Community Energy Solar Clean Energy Collective	Community Energy Solar US Bank	Community Energy Solar Garden 1 CEC Solar #1037, LLC	760 East County Line Road 790 N. Tower Rd. Unit SRC010509	Lafayette Aurora	80026 BOULDER 80011 ARAPAHOE	498.3 499.895	400 Y 400 Y
RC010512	2012 Standard Offer	Community Energy Solar	Lafayette Solar LLC	Community Energy Solar Garden 2	710 East County Line Road	Lafayette	80026 BOULDER	498.3	400 Y
RC023375		SunShare LLC	Real Capital Solutions	Alkire	9105 Alkire Street	Arvada	80005 JEFFERSON	1496.88	1200 Y
RC023376 RC023377	2013 RFP	SunShare LLC SunShare LLC	NRG	Adams III Adams	5011 1/2 Imboden Rd 4976 1/2 Imboden Rd	Waktins Watkins	80137 ADAMS 80137 ADAMS	1499.4 1496.1	1200 Y 1200 Y
RC018661		SunShare LLC	NRG	Arapahoe I	31481 E County Road 18 (Jewell)	Watkins	80137 ARAPAHOE	499.3	400 Y
RC018663		SunShare LLC	NRG	Denver I	UNIT SRC 18663 17797 E 51ST AVE	Denver	80249 DENVER	499.4	416 Y
RC018664 RC018665		SunShare LLC SunShare LLC	NRG	Denver II Adams I	UNIT SRC 18664 17897 E 51ST AVE 5061 1/2 Imboden Rd	Denver Waktins	80249 DENVER 80137 ADAMS	499.4 497.2	416 Y
RC018667		Clean Energy Collective	US Bank	CEC Solar #1021, LLC	5050 N Telluride	Denver	80010 DENVER	499.03	400 Y
RC018668		Clean Energy Collective	US Bank	CEC Solar #1025, LLC	1600 S. 66th St 987 5th St SW	Boulder	80301 BOULDER	499.9	400 Y 400 Y
RC018669 RC018672		Clean Energy Collective SunShare LLC	US Bank NRG	CEC Solar #1022, LLC Adams II	5051 1/2 Imboden Rd	Leadville Watkins	80461 LAKE 80137 ADAMS	499.9 497.2	400 Y 416 Y
RC018677	2013 Standard Offer	Community Energy Solar	Community Energy Solar	AntE	106 E. 1st Avenue	Antonito	81120 CONEJOS	500	410.4 Y
RC042359 RC042360		Clean Energy Collective Clean Focus Renewables	N/a Clean Focus Renewables	CEC Solar #1116, LLC CEC Solar #1119	39?31'27.31"N 106? 2'58.94"W 13727 US 285	Breckenridge La Jara	80424 SUMMIT 81140 CONEJOS	493 1987.2	Consildated with another SRC 1500 Y
RC042361		Clean Focus Renewables	Clean Focus Renewables Clean Focus Renewables	CEC Solar #1119 CEC Solar #1121, LLC	28102 E. Quincy Ave.	Aurora	80138 ARAPAHOE	1984.5	1764 Y
RC042362		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1122, LLC	33850 E 38th Ave	Watkins	80137 ADAMS	1984.5	1764 Y
RC042363 RC042364		Clean Energy Collective Clean Focus Renewables	N/a Clean Focus Renewables	CEC Solar #1126, LLC CEC Solar #1128, LLC	35960 River Frontage Road 12010 HWY 61	Rifle Sterling	81647 GARFIELD 80751 LOGAN	996 1987.2	Consildated with another SRC 1500 Y
RC042365		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1128, LLC CEC Solar #1130, LLC	5260 Imboden Rd.	Watkins	80137 ADAMS	1987.2	1500 Y
RC042438		Clean Focus Renewables	Clean Focus Renewables	CEC Solar #1133, LLC	15990 CR 29	Platteville	80651 WELD	1984.5	1500 Y
C042452 C042454		SunShare LLC SunShare LLC	WGL	Imboden IV Quincy Solar Garden	5137 Imboden Rd Unit B 37055 E. County Road 30	Waktins Watkins	80137 ADAMS 80136 ARAPAHOE	1997.28 1994.85	1500 Y 1500 Y
RC042455		SunShare LLC	N/a	Rooney Solar Garden	151 S. Rooney Road	Golden	80401 JEFFERSON	999.75	Consildated with another SRC
RC042456		AEP	AEP	Quincy II Solar Garden	28102 E. Quincy Ave UNIT SRC042456	Aurora	80138 ARAPAHOE	1999.5	1500 Y
RC042457 RC042458		AEP	AEP	Imboden III Imboden II Solar Garden	33975 E. 48th Ave. 5135 Imboden Road Unit A	Watkins Watkins	80137 ADAMS 80137 ADAMS	1999.5 1999.5	1500 Y 1500 Y
RC042459		SunShare LLC	WGL	Gilcrest Solar Garden	14228 County Road 42	Gilcrest	80623 WELD	1994.85	1500 Y
RC042462		SunShare LLC	WGL	Hudson Solar Garden	5900 Hudson Road	Watkins	80137 ADAMS	1994.85	1500 Y
RC042463 RC042532		SunShare LLC Community Energy Solar	WGL Community Energy Solar	Imboden V San Luis Solar Garden	5135 Imboden Rd. Unit B 37980 State Highway 17	Watkins Antonito	80137 ADAMS 81120 CONEJOS	1997.28 1500	1500 Y 1200 Y
RC047966	2015 RFP	SunShare LLC	N/a	Picadilly Solar Garden	21000 E 6th Ave.	Aurora	80018 ARAPAHOE	1995	650 Consildated with another SRC
RC050353		Pivot Energy	Standard Solar	Spark 1	2500 Lawrence unit 050353	Denver	80205 DENVER	69.02	100 Y
RC050354 RC050355		Pivot Energy DRV Shared Solar	Standard Solar DRV Shared Solar	Stanley Marketplace Centennial I	2501 Dallas St 14252 CR 36, Phase I	Aurora Platteville	80010 ADAMS 80651 WELD	99.45 97.5	99.6 Y
RC050356		Pivot Energy/ Standard Solar	Standard Solar	Spark 2	2500 Lawrence St. unit 050356	Denver	80205 DENVER	70.72	100 Y
RC050357	2015 Standard Offer	Pivot Energy/ Standard Solar	Standard Solar	GHA Solar Garden	540 Parachute Ave	Parachute	81635 GARFIELD	99.45	72 Y
RC053370 RC053572		Community Energy Solar Community Energy Solar	Community Energy Solar N/a	Lafayette Horizon Solar CSG LLC Blanca Peak Solar CSG LLC	1385 Horizon Ave 28614 Highway 159	Lafayette Fort Garland	80026 BOULDER 81133 COSTILLA	1995.84 1995.84	1500 Y 1560 Withdrawn
RC053574		Community Energy Solar	Community Energy Solar	Monte Vista Solar CSG LLC	9026 Co Rd. 2 E	Monte Vista	81144 RIO GRANDE	1995.84	1500 Withdrawn
RC053577 RC053578		Community Energy Solar Pivot Energy	Community Energy Solar Standard Solar	Monte Vista Solar 2 CSG LLC DU CSG 1 LLC	283 S Co. Rd 3 E Unit SRC053578 5260 ? 1/2 Imboden Rd	Monte Vista Watkins	81144 RIO GRANDE 80137 DENVER	1995.84 497.25	1500 Y 400 Y
RC053578		Pivot Energy	Standard Solar	Denver SLB	Unit SRC053576 5260 F 1/2 Imboden Rd Unit SRC053579 17255 Green Valley Ranch Blvd	Denver	80239 DENVER	994.5	600 Y
RC053581		Pivot Energy	Standard Solar	Mesa CSG 2 LLC	3411 C RD	Palisade	81526 MESA	1994.85	1500 Y
RC053584 RC053585		Community Energy Solar Community Energy Solar	N/a Community Energy Solar	Rock Creek Solar 1 CSG LLC Rock Creek Solar 2 CSG LLC	7524 Rd 12 S 7524 Rd 12 S.	Alamosa Alamosa	81101 ALAMOSA 81101 ALAMOSA	1995.84 1995.84	1500 Withdrawn 1560 Y
10033303		community Energy Solut	Community Energy Solut	HOCK CITCEN SOIGH 2 COG ELEC	7324 Nd 12 3.	Attantosa	TE WOST	1355.04	1500 1
RC053962		Denver Housing Authority	Denver Housing Authority	100% Low-Income Community-Based Solar		Watkins	81137 DENVER	1996	1500 Y
RC053963 RC053964		Greenbacker Group Greenbacker Group	Greenbacker Group Greenbacker Group	Alamosa01 (Wisecamp) Lowry State Land Board	8545 Ironfield Road 29100 B E County Road 30	Alamosa Watkins	81101 ALAMOSA 80137 ARAPAHOE	1997.1 1997.1	1500 Y 1500 Y
RC053965		Greenbacker Group	Greenbacker Group	DIA 1	27400 E 114th Ave	Denver	80249 DENVER	1997.1	1500 Y
RC053966 RC053967		Greenbacker Group Greenbacker Group	Greenbacker Group Greenbacker Group	Linnebur Tebo01	5900 Hudson Road UNIT SRC053967 36585B E COUNTY ROAD 30	Watkins Watkins	80137 ADAMS 80137 ARAPAHOE	1997.1 1997.1	1500 Y 1500 Y
RC053967		Greenbacker Group	Greenbacker Group	Tebo02	UNIT SRC053967 363838 E COUNTY ROAD 30 UNIT SRC053968 39299 E COUNTY ROAD 30	Watkins	80137 ARAPAHOE	1997.1	1500 Y
C053970		Greenbacker Group	Greenbacker Group	DIA 2	27905 E 112th Ave	Denver	80249 DENVER	1997.1	1500 Y
RC053971 RC053973		Greenbacker Group Greenbacker Group	Greenbacker Group Greenbacker Group	Greeley-Weld Airport Anderson	2451 E. 8th St. 14684 County Road 36	Greeley Platteville	80631 WELD 80651 WELD	1997.1 1997.1	1500 Y 1500 Y
RC053974		Greenbacker Group	Greenbacker Group	McCormick	11485 County Road 36	Platteville	80651 WELD	1184	1500 Y
RC053975		Greenbacker Group	Greenbacker Group	Rifle	2585 W. Centennial Parkway	Rifle	81650 GARFIELD	1997.1	1500 Y
C053976 C053977		Greenbacker Group Greenbacker Group	Greenbacker Group Greenbacker Group	Lantz Cameo01	10752 County Road 140 956 Highline Canal Rd	Salida Cameo	81201 CHAFFEE 81526 MESA	1998 1997.1	1500 Y 1500 Y
C053977		Pivot Energy	Standard Solar	Mesa CSG 1 LLC	2169 River Road	Grand Junction	81505 MESA	1993.68	1500 Y
C054279		Native Suns	Native Suns	Morrison Table Mountain	17179 state hwy 74	Morrison	80465 JEFFERSON	1000	790 Y
C054280 C054620		Native Suns Community Energy Solar	Native Suns N/a	Table Mountain Watkins Solar CSG LLC	3201 West 32nd Avenue 29050 E Quincy Ave	Golden Watkins	80401 JEFFERSON 80137 WELD	1995.84 1995.84	2000 N 1500 Withdrawn
C054663		Greenbacker Group	Greenbacker Group	Alden Solar CSG, LLC	31432 Weld County Rd 51	Greeley	80631 WELD	1995.84	1560 Y
C054664		Greenbacker Group	Greenbacker Group	Platteville Solar CSG LLC	15763 Weld County Road 31	Platteville	80651 WELD	1632.96	1260 Y
C054665 C055044		Community Energy Solar Community Energy Solar	N/a	Poncha Solar CSG LLC Romeo Solar 3 CSG LLC	7735 US-285 13148 US Hwy 285	Salida Romeo	81201 CHAFFEE 81140 CONEJOS	2000 1270.08	1500 Withdrawn 1500 Withdrawn
C055045	2016 RFP	Community Energy Solar	Community Energy Solar	Alamosa South CSG	399 Twentieth St.	Alamosa	81101 ALAMOSA	1995.84	1560 Y
C077501	2016 Standard Offer	Grid Alternatives	Grid Alternatives	Boulder FTC Community Solar	6055 Reservoir Road Unit SRC077501	Boulder	80301 BOULDER	99.45	75 Y
C064202 C064203		Pivot Energy Pivot Energy	Standard Solar Standard Solar	CO LI CSG 1 LLC CO LI CSG 2 LLC	4901 Imboden Rd UNIT SRC064203 5260 ? 3/4 Imboden Rd	Watkins Watkins	80137 ADAMS 80137 ADAMS	1994.85 1000	1500 Y 750 Y
C064204	2017 LI RFP	Pivot Energy	Standard Solar	CO LI CSG 3 LLC	35540 River Frontage Rd.	New Castle	81647 GARFIELD	835.38	600 Y
C064247 C064249		Grid Alternatives Grid Alternatives	Grid Alternatives Grid Alternatives	Boulder FTC Community Solar GRID CSG Standard 4	6075 Reservoir Rd 5 W 51st Ave.	Boulder Denver	80301 BOULDER 80216 DENVER	99.18 98.56	83 Withdrawn 83 Withdrawn
C064249 C064250		Sandbox Solar	Sandbox Solar	Greeley Fire Station Community Solar	145 North 35th Ave	Greeley	80634 WELD	98.56	99.9 Withdrawn
C064251		DRV Shared Solar	DRV Shared Solar	GRID CSG Standard 2	14252 CR 36, Phase II	Platteville	80651 WELD	97.47	67.5 Y
C064252 C064253	2017 LI Standard Offer	Grid Alternatives Grid Alternatives	Grid Alternatives Grid Alternatives	GRID CSG Standard 1 GRID CSG Standard 3	1915 Airport Road 1 S 66th Street	Breckenridge Louisville	80424 SUMMIT 80301 BOULDER	98.56 98.56	83 Withdrawn 83 Withdrawn
C062867	OTTO CONTROL OF CONTROL	Pivot Energy	N/a	Mesa CSG 3 LLC	31145 US 6	Silt	81652 GARFIELD	1000	750 Consildated with another SRC
C067947		Pivot Energy	Standard Solar	Mtn Solar 1	4401 Imboden Road	Watkins	80317 ADAMS	1994.85	1500 Y
C067948 C067949		Pivot Energy Pivot Energy	Standard Solar Standard Solar	Mtn Solar 2 Mtn Solar 3	33850 E. 38th Ave. 1609 Agripark Rd	Watkins Brush	80137 ADAMS 80723 MORGAN	1994.85 2000	1500 Y 1500 Y
C067949 C067952		Pivot Energy Pivot Energy	Standard Solar	Mtn Solar 4	10125 W 6TH AVE FRONTAGE RD	Lakewood	80215 JEFFERSON	2000	1500 Y
C067953		Pivot Energy	Standard Solar	Mtn Solar 5	35540 River Frontage Road	New Castle	81647 GARFIELD	990.22	750 Y
068682		Pivot Energy Oak Leaf Energy Partners	Nautilus Solar Energy DSD Renewables	Mtn Solar 6 Tebo 3	12050 Hwy 61 Unit-C 39299 QUINCY AVE	Sterling Watkins	80751 LOGAN 80137 ARAPAHOE	1997.2 1997.1	1500 Y 1500 Y
068858		Oak Leaf Energy Partners Oak Leaf Energy Partners	DSD Renewables DSD Renewables	Methven 1	UNIT SRC068858 33725 E 48th Ave	Watkins	80403 ADAMS	1997.1 1997.1	1500 Y 1500 Y
068869		Oak Leaf Energy Partners	DSD Renewables	Carlson	UNIT SRC068869 33725 1/2 E 48th Ave	Watkins	80137 ADAMS	1997.1	1500 Y
C068871 C068873		Oak Leaf Energy Partners	DSD Renewables	Rhonda McCormick 2	UNIT SRC068871 3333 S. Manila Road 11400 County Road 36 (40.246968, -104.840231)	Watkins Platteville	80137 ARAPAHOE 80631 WELD	1997.1 1997.1	1500 Y 1500 Withdrawn
		Oak Leaf Energy Partners Oak Leaf Energy Partners	N/a	McCormick 2 McKee	32885 County Road 37	Greeley	80631 WELD WELD	1997.1 1997.1	1500 Withdrawn 1500 Withdrawn
C068874			IN/-		·			1997.1	1500 Withdrawn
C068874 C068895 C068903	2017 RFP	Oak Leaf Energy Partners Oak Leaf Energy Partners	IN/a	Gary McCormick Garfield43	17778 County Road 25 (40.258444, -104.826753) 2250 H Road (39.115309, -108.636836)	Platteville Grand Junction	80651 WELD 81505 MESA	1997.1	1500 Withdrawn

SRC071107		Grid Alternatives	IN/a	Denver Metro Low-Income CSG Site 1	3500 S Gun Club Rd (site 1) UNIT SRC071107	Aurora	80018	ARAPAHOE 1	966 1560	O Consildated 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 1	966 1560	0 Consildated with another SRC
SRC071109		Grid Alternatives	Distributed Resource Ventures	Boulder County Low-Income CSG	4772 N 28th st	Boulder	80304	BOULDER 62	3.32 480) Y
SRC071124		Oak Leaf Energy	N/a	Jeffco60 (LI)	123 Fake Street	JC, S&R & Oak Leaf Energy Partners	11111	JEFFERSON 19	97.1 1500	0 Withdrawn
SRC071125	2018 LI RFP	Oak Leaf Energy	N/a	Jeffco61 (LI)	123 Fake Street	Brady's Dynasty Will Fall	11111	JEFFERSON 19		0 Withdrawn
SRC071114 SRC071116		Jack's Solar Garden LLC Oak Leaf Energy Partners	Jack's Solar Garden LLC DSD Renewables	Jack's Solar Garden Methven North	8102 North 95th St UNIT SRC071116 33975 48TH AVE	Longmont Watkins	80504 80137	BOULDER 124 ADAMS 19	4.88 1000 97.1 1500	
SRC071117		Oak Leaf Energy Partners	N/a	Jeffco45	123 Fake Street	ArtisinalBacon	11111			0 Withdrawn
SRC071118		Oak Leaf Energy Partners	N/a	Weld55	40.247594, -104.842229	Platteville	80651	WELD 19		0 Withdrawn
SRC071119 SRC071120		SunShare LLC Oak Leaf Energy Partners	N/a N/a	Imboden VI Weld56	5137 Imboden Road, Unit SRC071119 123 Fake Street	Watkins Tractors&Tacos	80137 11111			0 Consildated with another SRC 0 Withdrawn
SRC071121		Oak Leaf Energy Partners	N/a	Weld57	123 Fake Street	HolyCowDeath	11111			0 Withdrawn
SRC071123		Oak Leaf Energy Partners	N/a	Weld58 Weld59	123 Fake Street 123 Fake Street	BespokeTableSalts ForgetMeNet	11111	WELD 19 ADAMS 19		0 Withdrawn
SRC071170 SRC071720		Oak Leaf Energy Partners SunShare LLC	N/a	Box Elder	48th Ave (39.783153, -104.599800)	ForgetMeNot Watkins	11111 80137			0 Consildated with another SRC
SRC071806		SunShare LLC	N/a	PawneeSun	40.247067, -104.772814	Platteville	80651	+		O Consildated with another SRC
SRC071807 SRC071810		SunShare LLC SunShare LLC	N/a N/a	Quincy III Conundrum	39.727936, -104.519873 39.860728, -105.149056	Bennet Arvada	80102 80005	+		0 Consildated with another SRC 0 Consildated with another SRC
SRC071810		SunShare LLC	N/a	Gilcrest II	15130 County Road 46	Platteville	80657			0 Consildated with another SRC
SRC080106		SunShare LLC	SunShare LLC	Gilcrest V	15250 County Road 46	Platteville	80651		02.5 4750	
SRC080107 SRC080108	2018 RFP	SunShare LLC SunShare LLC	SunShare LLC SunShare LLC	GilcrestSun Vasquez V	13245 County Road 42 13624 County Road 34	Gilcrest Platteville	80651 80651	WELD 21	81.2 1800 805 4000	
SRC075335	2010 1111	Pivot Energy	Nautilus US Power Holdco	Vestal PS14 Solar LLC	18470-B County Road 26	Brush	80723		000 1500	
SRC087084	2019 LI RFP	Grid Alternatives	Grid Alternatives	Low Income CSG	40.319796, -104.886246	Johnstown	80543		967 5000	
SRC074897 SRC074898		Pivot Energy Pivot Energy	Nautilus Solar Energy Nautilus US Power Holdco	NSE Camber Solar PS6 LLC Vestal PS1 Solar LLC	12298 CR38 5851 Hwy 6 Unit-A	Platteville Parachute	80651 81635		95.8 1500 000 780	olk olv
SRC074899		Pivot Energy	Nautilus US Power Holdco	Vestal PS2 Solar LLC	18470-A County Road 26	Brush	80723		000 1500	
SRC074906 SRC074909		Pivot Energy Pivot Energy	Nautilus US Power Holdco	Vestal PSA Solar LLC	5851 Hwy 6 Unit-B 15757 CR 31	Parachute	81635 80651		000 1500 000 1500	
SRC074909 SRC074910		Pivot Energy Pivot Energy	Nautilus US Power Holdco Nautilus Solar Energy	Vestal PS4 Solar LLC NSE Camber Solar PS5 LLC	11489 CR36	Platteville Platteville	80651		000 1500	
SRC074911		Pivot Energy	Nautilus US Power Holdco	Vestal PS7 Solar LLC	2595 W Centennial Pkwy	RIFLE	81650		94.4 1500	0 N
SRC074912 SRC075012		Pivot Energy Pivot Energy	Nautilus US Power Holdco Pivot Energy	Vestal PS8 Solar LLC Pivot Solar 9 - Aurora Enviro Park	16564 CR 31 39.726761, -104.769867	Platteville Aurora	80651 80018	WELD 2 ADAMS 1999	000 1500 456 1680	
SRC075012 SRC075013		Pivot Energy	Pivot Energy Pivot Energy	Pivot Solar 9 - Aurora Enviro Park Pivot Solar 10 - Aurora Enviro Park	39.728585, -104.770387	Aurroa	80018	ADAMS 1999		
SRC075014		Pivot Energy	Nautilus US Power Holdco	NSE Camber Solar PS11 LLC	12050 Hwy 61 Unit-A	Sterling	80751	LOGAN 199	9.82 1500	0 Y
SRC075015 SRC075016		Pivot Energy Pivot Energy	Nautilus US Power Holdco Nautilus US Power Holdco	NSE Camber Solar PS12, LLC NSE Camber Solar PS13 LLC	12050 Hwy 61 Unit-B 12266 Hwy 61	Sterling Sterling	80751 80751		9.82 720 000 1500	
SRC075016 SRC075020		Namaste Solar	Unico Solar	Venture 1 - 1A	27400 E 26th Ave	Aurora	80019	ADAMS 199	7.28 1500	
SRC075021		Namaste Solar	Unico Solar	Venture 3 - 1C	27410 E 26th Ave	Aurora	80019	ADAMS 199		
SRC075022 SRC075023		Namaste Solar Namaste Solar	Unico Solar Unico Solar	Longs Peak North Venture 4 - 1D	21751 CR 62 Phase 1 North 27610 E 26th Ave	Greeley Aurora	80631 80019	WELD 2 WELD 199	000 1500 7.28 1500	
SRC075024		Namaste Solar	Unico Solar	Venture 2 - 1B	27600 E 26th Ave	Aurora	80018	ADAMS 199	7.28 1500	0 Y
SRC075025 SRC080205	2019 RFP	Namaste Solar	Unico Solar Nautilus US Power Holdco	Longs Peak South	21751 CR 62 Phase 2 South	Greeley	80631 80723		000 1500 000 750	
SRC080205 SRC083012	2019 KFP	Pivot Energy ECA	Cloudbreak Energy	Vestal PS15 Solar LLC ECA Greeley	18470-C County Road 26 0 W County Road 37	Brush Greeley	80723	+	832 3320	
SRC083015		ECA	Cloudbreak Energy	ECA LEADVILLE	21308 County Road 64	Greeley	80631	WELD 1	173 900	0 N
SRC083065 SRC083066		SunShare LLC SunShare LLC	Lincoln Solar LLC Gerry Community Solar LLC	Lincoln Solar LLC Gerry Community Solar LLC	40.582406, -104.715975 40.464266, -104.649505	Ault Eaton	80610 80631		967 5000 967 5000	
SRC083117		Pivot Energy	Pivot Energy	Pivot Solar 20 - Sauer	40°.40°40°60°60°60°60°60°60°60°60°60°60°60°60°60	Johnstown	80534	+	750 5000	
SRC083118		Pivot Energy	Pivot Energy	Pivot Solar 21 - Aurora Enviro Park	39°43'44.01"N, 104°46'4.33"W	Aurora	80018	ADAMS 592		
SRC083243 SRC083244		Cloudbreak Energy Partners Cloudbreak Energy Partners	Green Street Power Partners Cloudbreak Energy Partners	Wagner CBEP Solar 2	15761 CR 41 21308 CR 64	Sterling Greeley	80751 80631	UOGAN 625	4.43 5000 072 2375	
SRC083244 SRC083245		Cloudbreak Energy Partners	Cloudbreak Energy Partners Cloudbreak Energy Partners	Krieger Larimer	5023 E CR 48	Fort Collins	80524	LARIMER 297		
SRC083246		Cloudbreak Energy Partners	Cloudbreak Energy Partners	Platte	11814 CR 46	Milliken	80543	WELD 520		
SRC083247 SRC083248		Cloudbreak Energy Partners Cloudbreak Energy Partners	Cloudbreak Energy Partners Cloudbreak Energy Partners	Griffiths CBEP Solar 6	9216 COUNTY ROAD 48.5 19154 CR 76	Johnstown Eaton	80534 80615	WELD 650	3.25 5000 013 4629	
SRC083249		Cloudbreak Energy Partners	Cloudbreak Energy Partners	CBEP Solar 7	9216 CR 48.5	Johnstown	80534	+	500 5000	
SRC083596		US Solar	US Solar	USS Great Plains Solar LLC	22483 E Hampden Ave	Aurora	80014		12.5 4930	
SRC083597 SRC083598		US Solar US Solar	US Solar US Solar	USS Cogburn Solar LLC USS Fruita Solar LLC	23581 County Road 66 1081 19 Road	Greeley Fruita	80631 81521		120 2400 38.8 2350	
SRC083599		US Solar	US Solar	USS Auburn Solar LLC	Fern Avenue	Greeley	80631		66.5 4970	
SRC083649		US Solar	US Solar	USS Picadilly Solar LLC	32536 County Rd 23	Greeley	80550		500 5000	
SRC086255 SRC087642	2020 RFP	Cloudbreak Energy Cloudbreak Energy	Cloudbreak Energy Cloudbreak Energy	CBEP Solar 8 CBEP Solar 9-Sand Creek Unit 2	21690 CR 64 21308 County Road 64	Greeley Greeley	80631 80631		309 1000 000 1660	
SRC083119		SunShare LLC	SunShare LLC	Grizzly Solar LLC	34770 County Road 39	Eaton	80615			0 N
SRC083120		Pivot Energy	Pivot Energy	Pivot Solar 22 - Loeffler West	40.349314, -104.730920	La Salle	80645			0 N
SRC083121 SRC083122		Pivot Energy SunShare LLC	Pivot Energy SunShare LLC	Pivot Solar 23 - Davis Stewart Solar LLC	40.320889, -104.734361 21575 CR 54	La Salle Greeley	80645 80631			0 N 0 N
SRC083123		Pivot Energy	Pivot Energy	Pivot Solar 24 - Lingreen North	18240 Iris Dr	Sterling	80751	LOGAN		0 N
SRC083124		Pivot Energy	Pivot Energy	Pivot Solar 25 - Lingreen South	18240 Iris Dr 40.617929, -103.159827	Sterling	80751			0 N
SRC083125 SRC083126		Pivot Energy McKinstry	Pivot Energy McKinstry	Pivot Solar 26 - Carrigan CCD-CSG7-Montbello Rec Ctr	15555 E 53rd Ave	Sterling Denver	80751 80239			0 N 6 N
SRC083127		McKinstry	McKinstry	CCD-CSG8-DEN1	E 114th Ave and Trussville St	Denver	80249	DENVER 6	25.6 500	0 N
SRC083128 SRC083129		McKinstry McKinstry	McKinstry McKinstry	CCD-CSG14-NWC M&O CCD-CSG4-Lowry Tennis	5125 Race Ct Sports Blvd and East Fairmount Drive	Denver	80216 80230			0 N 2 N
SRC083129 SRC083130		SunShare LLC	SunShare LLC	Animas Solar LLC	40.319854, -104.490049	Denver Greeley	80230 80631		500 500 500 500 500 500 500 500 500 500	
SRC083131		McKinstry	McKinstry	CCD-CSG-6-Central Park Rec Center	9651 E. Martin Luther King Jr. Blvd	Denver	80238	DENVER 6	55.2 480	0 N
SRC083132 SRC083133		Pivot Energy McKinstry	Pivot Energy McKinstry	Pivot Solar 27 - GJ CCD-CSG-DOTI Roslyn Complex	39.067127, -108.507323 5440 Rosyln St	Grand Junction Denver	81504 80216			0 N 6 N
SRC083133 SRC083134		McKinstry	McKinstry	CCD-CSG-13-Harvard Gulch Rec Center	550 E Iliff Ave	Denver	80210			6 N
SRC083135		McKinstry	McKinstry	CCD-CSG15-NWC SYEC	5004 Packing House Rd	Denver	80216			0 N
SRC083136 SRC083137		McKinstry Pivot Energy	McKinstry Pivot Energy	CCD-CSG9-DEN2 Pivot Solar 28 - Newton	E 114th Ave and Trussville St 40.471956, -104.621814	Denver Greeley	80249 80631			0 N 0 N
SRC083137 SRC083138		SunShare LLC	SunShare LLC	Cirque Solar LLC	22811 County Road 52	Greeley	80631	WELD 5	97.6 480	0 N
SRC083139		SunShare LLC	SunShare LLC	Matterhorn Solar LLC	15372 CR 66	Greeley	80631			0 N
SRC083141 SRC086152	2020 Standard Offer	SunShare LLC McKinstry	SunShare LLC McKinstry	Montezuma Solar LLC CCD-CSG-DPS NE Early College	40.312389, -104.489642 11200 E 45th Ave	La Salle Denver	80645 80239			0 N 3 N
SRC086368	2_2 Gamaia Onei	US Solar	US Solar	USS South Platte Solar LLC	17588 Co Rd 394	La Salle	80645	WELD 46	57.5 3629	5 N
SRC086369		US Solar	US Solar	USS High Plains Solar LLC	22483 E Hampden Ave	Aurora	80013		507 5000	
SRC086370 SRC086371		US Solar US Solar	US Solar US Solar	USS Raptor Solar LLC USS Calico Solar LLC	S Gun Club Rd S Gun Club Rd	Aurora Aurora	80018 80018	+	480 5000 480 5000	
SRC086372		US Solar	US Solar	USS Hampden Solar LLC	S Gun Club Rd	Aurora	80018	ARAPAHOE	500 5000	0 N
SRC086373		US Solar	US Solar	USS Tallgrass Solar LLC	S Gun Club Rd	Aurora	80018		500 5000	
SRC086474 SRC086476		Pivot Energy Pivot Energy	Pivot Energy Pivot Energy	Pivot Solar 30 LLC-Greeley Weld Airport Pivot Solar 31 LLC-Tofsrud-Watkins	40.434898, -104.645641 39.111393, -108.410419	Greeley Clifton	80631 81520		005 5000 002 2500	
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 119	5.73 960	0 N
SRC087080		US Solar	US Solar	USS Camp Creek Solar LLC	County Rd W	Hillrose	80733		725 3629	
SRC087082 SRC087083		SunShare LLC US Solar	SunShare LLC US Solar	Lark Bunting Solar LLC USS Welch Solar LLC	40.311735, -104.771396, US-287	EVANS Loveland	80645 80537		967 5000 578 1980	
SRC087285		Pivot Energy	Pivot Energy	Pivot Solar 32 LLC - Vassil	18542 CO RD 27	Brush	80723	MORGAN	000 5000	0 N
SRC087288		Pivot Energy	Pivot Energy	Pivot Solar 37 LLC - Lingreen RFP	1401 W. Main St.	Sterling	80722 80645		358 2500 000 5000	
SRC087289 SRC087290		Pivot Energy Pivot Energy	Pivot Energy Pivot Energy	Pivot Solar 33 LLC - Davis RFP Pivot Solar 36 LLC - Loeffler	22440 County Road 35 23896 COUNTY ROAD 35	La Salle La Salle	80645 80645		000 5000 000 5000	
SRC087291		Pivot Energy	Pivot Energy	Pivot Solar 34 LLC - Rogers	5980 N 79th St.	Boulder	80503	BOULDER	000 5000	0 N
SRC087292	2021 RFP	Pivot Energy Xcel Energy	Pivot Energy Xcel Energy	Pivot Solar 35 LLC - Cook Valmont CSG9	40.327340, -104.751821 1800 63rd Street SRC075070	La Salle Boulder	80645 80301		083 4250 995 1500	
SRC075070 SRC075071		Xcel Energy Xcel Energy	Xcel Energy Xcel Energy	Valmont CSG9 Valmont CSG10	1800 63rd Street SRC075070 1800 63rd Street SRC075071	Boulder	80301 80301		998 1500 998 1500	
SRC075114		Xcel Energy	Xcel Energy	Arapahoe CSG5	1390 W. Wesley Ave	Denver	80223	DENVER 1	997 1500	0 Y
SRC086366 SRC086367	Company Owned LI Gardens	Xcel Energy Xcel Energy	Xcel Energy Xcel Energy	Pawnee CSG2 Pawnee CSG3	14940 Co Rd 24 14940 Co Rd 24	Fort Morgan Fort Morgan	80701 80701		184 4000 184 4000	
JNC000307 (company Owned Li Gardens	Modi Endigy	proceedings	Tr awrite COOS	117770 CO NU 24	fi or civioi gail	100101	INIONOAN	4000	<u>T</u> T

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
SRC077501	GRID Alternatives Colorado	0.0282	6055 Reservoir Road Unit SRC077501	99.45	75 Bd	oulder	СО	5/26/2021	7/31/2021	2016 Standard Offer
SRC064204	CO LI CSG 3 LLC	0.00985	35540 River Frontage Rd.	835.38	600 N	ew Castle	СО	6/29/2021	7/31/2021	2017 LI RFP
		re	educed annually beginning on the second anniversary of							
SRC067953	Mtn Solar 5 LLC	0.034	the Commercial Operation date by \$5.50 per MWh 35540 River Frontage Road	990.22	750 No	ew Castle	CO	6/29/2021	7/31/2021	2017 RFP
SRC068682	Mtn Solar 6 LLC	-0.00001	12050 Hwy 61 Unit-C	1997.2	1500 St	erling	CO	3/11/2022	4/30/2022	2017 RFP
SRC068857	Oak Leaf Solar 36 LLC	-0.00501	39299 QUINCY AVE	1997.1	1500 W	/atkins	CO	6/25/2021	7/31/2021	2017 RFP
SRC068869	Oak Leaf Solar 38 LLC	-0.00501	UNIT SRC068869 33725 1/2 E 48th Ave	1997.1	1500 W	/atkins	CO	6/18/2021	7/31/2021	2017 RFP
SRC068871	Oak Leaf Solar 39 LLC	-0.00501	UNIT SRC068871 3333 S. Manila Road	1997.1	1500 W	/atkins	CO	6/25/2021	7/31/2021	2017 RFP
SRC067952	Mtn Solar 4 LLC	-0.0032	10125 W 6TH AVE FRONTAGE RD	2000	1500 La	kewood	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 PI		CO	11/12/2021	12/31/2021	
SRC080107	LONGS PEAK SOLAR LLC	0.016571	13245 County Road 42	2181.2	1800 Gi		CO	12/20/2021	1/31/2022	
SRC080106	Uncompangre Solar LLC	0.0048	15250 County Road 46	5002.5		atteville	CO	1/21/2021	2/28/2021	
SRC074897	NSE Camber Solar PS6 LLC	-0.005	12298 CR38	1995.8		atteville	CO	1/31/2022	2/28/2022	
SRC074910	NSE Camber Solar PS5 LLC	-0.0025	11489 CR36	2000		atteville	CO	1/31/2022	2/28/2022	
SRC075020	USI Xcel CSG Venture 1 LLC	0	27400 E 26th Ave	1997.28	1500 A		CO	5/20/2021	6/30/2021	
SRC075021	UXI Xcel CSG Venture 3 LLC	0	27410 E 26th Ave	1997.28	1500 A		CO	9/29/2021	10/31/2021	
SRC075024	USI Xcel CSG Venture 2 LLC	0	27600 E 26th Ave	1997.28	1500 A		CO	9/29/2021	10/31/2021	
SRC075023	UXI Xcel CSG Venture 4 LLC	0	27610 E 26th Ave	1997.28	1500 A		CO	9/29/2021	10/31/2021	
SRC075016	NSE Camber Solar PS13 LLC	-0.0025	12266 Hwy 61	2000	1500 St	•	CO	1/31/2022	2/28/2022	
SRC075014	NSE Camber Solar PS11 LLC	-0.0075	12050 Hwy 61 Unit-A	1999.82	1500 St	erling	CO	3/11/2022	4/30/2022	
SRC075015	NSE Camber Solar PS12, LLC	-0.005	12050 Hwy 61 Unit-B	999.82	720 St	erling	CO	3/11/2022	4/30/2022	2019 RFP
SRC075071	Xcel Energy	0.010125	1800 63rd Street SRC075071	1998	1500 Bo		CO	5/28/2021		Company Owned LI Gardens
SRC075070	Xcel Energy	0.01	1800 63rd Street SRC075070	1995	1500 Bo	oulder	CO	4/30/2021		Company Owned LI Gardens
SRC075114	Xcel Energy	0.02124	1390 W. Wesley Ave	1997	1500 De	enver	СО	6/29/2021	8/10/2021	Company Owned LI Gardens

Solar Garden ID					Permission to Operate Date				
SRC010496	GC Solar 2, LLC	499.17	400		8/21/2014		843,252	1,189	99.86%
SRC010497 SRC010498	Breck Solar 1, LLC CEC SOLAR #1026. LLC	400.075	325 90		9/27/2013	578,938	549,785	29,153	94.96%
SRC010498 SRC010499	Mesa Solar 1, LLC	115.15 496.455	400		6/26/2014 4/26/2013	178,516 778,773	173,461 758,605	5,055 20,168	
SRC010500	Summit Solar 1, LLC	497.97	400		9/27/2013		724,507	0	
SRC010502	CEC Solar #1020, LLC	499.515	400		9/27/2013	788,597	788,597	0	100.009
SRC010506 SRC010507	Can Solar 1, LLC	498.01	400		11/12/2013				
SRC010507 SRC010509	Community Energy Solar, LLC CEC Solar #1037, LLC	498.3 499.895	400		12/10/2013 6/1/2015	776,406 764,067	776,406 743,248	20,819	100.009 97.289
SRC010512	Lafayette Solar LLC	498.3	400		12/12/2013	778,735	778,735	0	
SRC011229	Fresh Air Energy VII, LLC	1999.8	1500	10/29/2012	10/17/2014	3,682,638			100.009
SRC011647	CEC SOLAR #1023, LLC	569.17	420		6/19/2014	926,891	926,249		
SRC011744	Fresh Air Energy VIII, LLC	1999.8	1640	10/29/2012	9/29/2014	3,439,558	3,439,558	0	100.009
SRC018661	Arapahoe Community Solar Garden I LLC	499.3	400	6/3/2013	7/31/2015	874,546	825,033	49,513	94.349
SRC018663	Denver Community Solar Garden I LLC	499.4	416		6/30/2015				
SRC018664	Denver Community Solar Garden II LLC	499.4	416		6/30/2015	907,751	828,654		91.299
SRC018665 SRC018667	Adams Community Solar Garden I LLC CEC SOLAR #1021. LLC	497.2 499.03	416 400		7/31/2015	881,254 842,078	855,233 832,143		97.059 98.829
SRC018668	CEC SOLAR #1021, LLC	499.03	400		8/21/2014 5/29/2015	463,039		9,935 13,260	
SRC018669	CEC SOLAR #1022, LLC	499.9	400		4/30/2015	624,136			
SRC018672	Adams Community Solar Garden II LLC	497.2	416	6/3/2013	7/31/2015	915,224	897,953	17,271	
SRC018677	Antonito Solar LLC	500	410.4		11/17/2014	1,070,759	1,070,759		
SRC023375	Jeffco Community Solar Gardens LLC	1496.88	1200	11/1/2013	5/31/2016	2,092,902	2,092,902	0	100.009
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		7/31/2015	2,621,704		1,478	99.949
SRC042360	CEC Solar #1119, LLC	1987.2	1500	9/11/2015	11/28/2017	4,183,935	4,032,541	151,394	96.389
SRC042361 SRC042362	CEC Solar #1121, LLC CEC Solar #1122, LLC	1984.5 1984.5	1764 1764	9/11/2015 9/11/2015	12/29/2017	3,672,405		36,606 55,345	99.009 98.469
SRC042362 SRC042364	CEC Solar #1122, LLC CEC Solar #1128, LLC	1984.5 1987.2	1764 1500		9/25/2017 10/25/2017	3,600,032 3,434,815			98.469
SRC042365	CEC Solar #1128, LLC	1987.2	1500		12/14/2017	3,687,981	3,678,578	9,403	99.759
SRC042438	CEC Solar #1133, LLC	1984.5	1500		10/24/2017	3,382,977	3,381,548	1,429	99.969
SRC042452	Terraform Power	1997.28	1500		3/27/2019	3,382,463	3,381,398	1,065	99.97
SRC042454 SRC042456	Terraform Power Quincy II Solar Garden LLC	1994.85 1999.5	1500 1500		9/20/2018 5/1/2018	3,346,109 3,353,833		2,400 5,591	99.939 99.839
SRC042457	Imboden III Solar LLC	1999.5	1500	9/11/2015	4/6/2018	3,342,358			
SRC042458	Imboden II Solar LLC	1999.5	1500	9/11/2015	4/6/2018	3,388,066			99.789
SRC042459	Terraform Power	1994.85	1500		8/30/2018	3,173,214			
SRC042462 SRC042463	Terraform Power Terraform Power	1994.85 1997.28	1500 1500	9/11/2015 9/11/2015	9/1/2018 3/27/2019	3,148,488 3,348,056		0	
SRC042483	San Luis Solar Garden LLC	1500	1200		8/31/2017	3,313,430			
SRC050353	Spark CSG 1 LLC	69.02	100			84,368			
SRC050354	Stanley CSG 1 LLC	99.45	100		12/7/2018	143,162	143,162	0	
SRC050355	DRV Shared Solar 2018-1, LLC	97.5	99.6		12/28/2018	161,195			
SRC050356 SRC050357	SRC 050356 LLC SRC 050357 LLC	70.72 99.45	100 72		1/2/2019 12/7/2018	87,649 156,719			
SRC053370	Lafayette Horizon Solar CSG LLC	1995.84	1500		1/31/2019	3,549,944		201	99.999
SRC053577	Monte Vista Solar 2 CSG LLC	1995.84	1500		5/12/2020	4,362,113	4,358,594	3,519	
SRC053578	DU CSG 1 LLC	497.25	400			925,228	925,228	0	
SRC053579 SRC053581	Native Suns, LLC Tiny Town Mesa CSG 2 LLC	994.5 1994.85	600 1500		5/9/2019 5/21/2019	1,818,473 3,157,570		3,736 44	
SRC053581	Rock Creek Solar 2 CSG LLC	1995.84	1560						
	Housing Authority of the City and County			,,	,-,	,,== ,,===	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
SRC053962	of Denver	1996	1500		12/20/2017	3,667,663		85,764	
SRC053963 SRC053964	Oak Leaf Solar XXX LLC Oak Leaf Solar XXI LLC	1997.1 1997.1	1500 1500			4,195,272			
SRC053964 SRC053965	Oak Leaf Solar XXII LLC	1997.1	1500		12/27/2018 4/5/2019	3,495,151 3,578,743		0	100.009
SRC053966	Oak Leaf Solar XXIII LLC	1997.1	1500		3/27/2019	3,735,283		0	
SRC053967	Oak Leaf Solar XXIV LLC	1997.1	1500			3,653,884	3,653,884	0	
SRC053968	Oak Leaf Solar XXV LLC	1997.1	1500		3/29/2019	3,662,103		136	
SRC053970 SRC053971	Oak Leaf Solar XXVI LLC Oak Leaf Solar XXVII LLC	1997.1 1997.1	1500 1500	12/13/2016 12/13/2016	4/5/2019 11/15/2018	3,614,875			
SRC053971	Oak Leaf Solar XXVIII LLC	1997.1	1500			3,532,809 3,509,028			
SRC053974	Oak Leaf Solar XXIX LLC	1184	1500	12/13/2016	2/26/2019	2,012,937	2,012,937	0	
SRC053975	Oak Leaf Solar XXXII LLC	1997.1	1500	12/13/2016	3/5/2019	3,690,510			
SRC053976 SRC053977	Oak Leaf Solar XXXIII LLC	1998	1500		1/2/2020	3,975,237			
SRC053977 SRC054194	Oak Leaf Solar XXXI LLC Mesa CSG 1 LLC	1997.1 1993.68	1500 1500		12/27/2018 5/21/2019	3,736,253 3,852,359			
SRC054194 SRC054279	Native Suns, LLC Morrison	1000	790		6/11/2020	1,457,608			
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						
SRC055045 SRC064202	Alamosa Solar South CSG LLC CO LI CSG 1 LLC	1995.84 1994.85	1560 1500		12/3/2020 10/31/2019	4,378,249 3,709,525			
SRC064202 SRC064203	CO II CSG 2 LLC	1994.85	750		6/24/2019	3,709,525 1,784,047		0	100.009
SRC064204	CO LI CSG 3 LLC	835.38	600	7/16/2018	6/29/2021	717,983	716,241	1,742	99.769
SRC064251	GRID Alternatives Colorado	97.47	67.5		12/28/2018	122,207	122,207	0	100.009
SRC067947	Mtn Solar 1 LLC Mtn Solar 2 LLC	1994.85	1500	7/16/2018 7/16/2018	8/30/2019	3,458,041		0	
SRC067948 SRC067949	Mtn Solar 2 LLC Mtn Solar 3 LLC	1994.85 2000	1500 1500		9/27/2019 12/23/2019	3,536,059 3,486,587	3,536,059 3.486.587	0	100.009
SRC067952	Mtn Solar 4 LLC	2000	1500		11/16/2021	159,448		15,357	
SRC067953	Mtn Solar 5 LLC	990.22	750	7/16/2018	6/29/2021	682,161	682,145	16	100.009
SRC068857	Oak Leaf Solar 36 LLC	1997.1	1500		6/25/2021	1,456,707			99.279
SRC068858 SRC068869	Oak Leaf Solar 37 LLC Oak Leaf Solar 38 LLC	1997.1 1997.1	1500 1500		12/30/2020 6/18/2021	3,268,150 1,722,681	3,268,123 1,722,649	27 32	
SRC068871	Oak Leaf Solar 39 LLC	1997.1	1500			1,561,938			
SRC071109	GRID Alternatives Colorado	628.32	480	11/30/2018	12/8/2020	793,872			98.389
SRC071114	Jack's Solar Garden LLC	1244.88	1000			2,007,222	2,005,327	1,895	99.919
SRC071116	Oak Leaf Solar 44 LLC	1997.1	1500		12/30/2020	3,332,581			
SRC075020 SRC075021	USI Xcel CSG Venture 1 LLC UXI Xcel CSG Venture 3 LLC	1997.28 1997.28	1500 1500			2,171,060 459,347			
SRC075021	UXI Xcel CSG Venture 4 LLC	1997.28	1500			685,033			
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			1,000,183			
SRC075071 SRC075114	Xcel Energy Xcel Energy	1998 1997	1500 1500			835,705 663,833			
SRC077501	GRID Alternatives Colorado	99.45	75			81,593			
SRC080106	Uncompangre Solar LLC	5002.5	4750			9,459,705			
CDC0004	Paula Carr Memorial Community Solar								
SRC080108	Garden LLC	4805	4000	11/30/2018	11/12/2021	428,812 214,798,692			

RC010496 G0	SRC Producer / Garden Operator LI:	LI Subscribers (Count)	LI Subscriber (kWh)	LI Subscriber (\$)	Total Subscribed (kWh)	R Class Subscriber (kWh)	R Class Subscriber (S) RD	Class Subscriber (kWh) RD	Class Subscriber (\$) RDTDR Cla	ss Subscriber (kWh) RDTD	R Class Subscriber (\$)	RETOU Class Subscriber (kWh) RETO	OU Class Subscriber (\$) C Class Su	ubscriber (kWh) C Class	ass Subscriber (\$) 50	G Class Subscriber (kWh) SG Cl	lass Subscriber (\$)	SGL Class Subscriber (kWh) SGL	Class Subscriber (S)	SPVTOU Class Subscriber (kWh) SPVTOU	L Class Subscriber (\$) PG Class !	Subscriber (kWh)	PG Class Subscriber (\$)
		11			842,991	612,74				2,325	\$163.08	64,318	\$4,504.23	67,143	\$4,495.34	96,461	\$15,204.92						
	reck Solar 1, LLC	3	22,98		549,787	355,25		60415.08	\$3,580.69	2,719	\$190.65			128,862	\$8,627.62					2,532	\$110.22		
	EC SOLAR #1026, LLC	3	8,78		173,461	91,85						10,201	\$714.39			71,406	\$9,088.61						
RC010499 M	Aesa Solar 1, LLC	8	39,04		758,600	329,75	1 \$23,093.90	1568.45	\$92.95	9,412	\$659.54			63,241	\$4,234.13	306,705	\$26,600.75	47,923	\$13,601.87				
RC010500 Su	ummit Solar 1, LLC	6	36,58		724,508	155,56	8 \$10,896.98					4,445	\$311.36	34,191	\$2,289.37	530,304	\$54,405.96						
RC010502 CE	EC Solar #1020, LLC	7	39,46		788,594	48,74	1 \$3,413.72							83,277	\$5,575.73	561,853	\$55,055.33					94,723	\$4,8
C010506 Ca	an Solar 1, LLC	6	20,43		837,344	155,20 38.80										682,135	\$133,621.12						
	Community Energy Solar, LLC	1			776,408								4			737,601							
	EC Solar #1037, LLC afavette Solar LLC	9	37,93 38,93		743,249 778.737	493,37						29,835	\$2,089.05	165,960	\$11,110.61	54,077 739,798	\$3,844.88 \$47.182.66						
		5			3.682.638	38,93	9 \$2,727.18							480.304	\$32,159,33		\$47,182.66					1.739.369	\$99,
	resh Air Energy VII, LLC	1	184,13			57,94	7 \$4,058.55									1,462,965						1,739,369	599,
	EC SOLAR #1023, LLC resh Air Energy VIII, LLC	5	18,64 171,96		926,250 3,439,544	57,94	9 \$4,098.55							64,676 111,868	\$4,330.13 \$7,490.06	803,627 3,267,577	\$219,547.57 \$347,018.24						
0CU11/44 Fn	resh Air Energy VIII, LLC. rapahoe Community Solar Garden I LLC	2	1/1,96	8 511,699.40	3,439,544	60,09	54,209.34	20202.42	\$1,226.23			C 441	6430.31	111,868	\$7,490.06	3,267,577	\$64,099.85						
	rapanoe Community Solar Garden I LLC Ienver Community Solar Garden I LLC	9	43,63	4 \$3,056.79 8 \$3,228.36	825,033 923,935	97,57 448,83	2 \$6,835.25 1 \$31,438.09	20703.12	\$1,226.23			6,141	\$430.21	56,804	\$3,803.38	700,617 418,300	\$162,850.97						
C018664 De	Periver Community Solar Garden II LLC	- 11	45,27		923,933 828,657	238,28	7 \$16,690.06							30,004	33,803.36	590,370	\$127,708.11						
	dams Community Solar Garden I LLC		378.33	5 \$37,056.02	855,233	177,48	9 \$12,431.76									677.744	\$96.222.72						
C018667 CE	FC SOLAR #1021 LLC		47.49		832,150	638.85	4 \$44,740.84			10,018	\$702.04	39.921	\$2,795.71	13,002	\$870.49	130,355	\$10,586.01						
	FC SOLAR #1025, LLC	7	23.13		449.779	228,85				10,010	3702.04	12.430	\$870.66	1.130	\$75.64	207,367	\$17,144,45						
	EC SOLAR #1022, LLC	4	30.62		623,530	62,23						12,430	3070.00	67,020	\$4,487.17	494,277	\$58,932.06						
	dams Community Solar Garden II LLC	9	74,38	6 \$6,520.97	897,954	34,02	5 \$2,383.28					8,836	\$618.85			855,094	\$392,342.28						
	intonito Solar LLC	16	54.22	8 \$3,798.31	1,070,759	108.40	2 \$7.592.30							342,972	\$22,964.30	587,204	\$50,724,47					32,181	\$1
C023375 Jel	effco Community Solar Gardens LLC	14	104,72	9 \$7,334.49	2,092,910	164,87	9 \$11,547.01							8,960	\$599.89	1,919,072	\$321,492.60						
RC023376 Ac	dams Community Solar Garden III LLC	9	136,31	7 \$8,942.77	2,724,844	92,75	9 \$6,497.02							38,174	\$2,555.99	2,259,554	\$447,673.74			334,356	\$24,443.18		
RC023377 Ac	dams Community Solar Gardens LLC	20	129,94	8 \$8,804.63	2,620,226	108,56	0 \$7,603.71									2,511,666	\$545,540.97						
RC042360 CE	EC Solar #1119, LLC	31	205,17	2 \$14,370.06	4,032,552	205,17	2 \$14,370.06							681,002	\$45,596.25	1,472,971	\$94,616.72					1,673,407	\$91
RC042361 CE	EC Solar #1121, LLC	21	147,01	5 \$10,296.78	3,635,799	140,45	1 \$9,836.52			6,564	\$460.26					3,488,785	\$224,100.77						
RC042362 CE	EC Solar #1122, LLC	17	125,61	0 \$8,584.89	3,544,687	106,01	9 \$7,424.17	19591.37	\$1,160.72							3,419,076	\$219,623.41						
	EC Solar #1128, LLC	12	164,09		3,426,976	158,76						5,324	\$372.90	14,347	\$960.66	3,248,538	\$208,668.89						
	EC Solar #1130, LLC	19	174,99		3,678,574	138,43								36,559	\$2,447.82	3,503,578	\$225,052.20						
RC042438 CE	EC Solar #1133, LLC	2	167,71	6 \$11,747.62	3,381,545	167,71	.6 \$11,747.62									2,376,004	\$152,621.73					837,825	\$4
RC042452 Te	erraform Power	5	168,06	0 \$11,437.18	3,381,397	96,60	9 \$6,766.56							44,364	\$2,970.42	3,240,424	\$208,149.58						
	erraform Power	7	164,74	2 \$11,207.96	3,343,542	95,93	8 \$6,719.70							25,240	\$1,689.98	3,222,363	\$206,989.44						
	Quincy II Solar Garden LLC	4	178,87		3,348,242	12,45								49,613	\$3,321.86	3,286,173	\$211,088.46						
	mboden III Solar LLC	4	179,45		3,337,982	12,61								145,169	\$9,719.62	3,180,195	\$204,281.19						
	mboden II Solar LLC	4	184,53		3,380,565	9,68	2 \$678.51							179,661	\$12,029.20	3,164,999	\$203,305.04			26,224	\$1,684.35		
RC042459 Te		5	158,66		3,173,217									163,535	\$10,949.41	3,009,682	\$193,327.84						
	erraform Power	4	157,42		3,148,495									113,305	\$7,586.11	3,035,190	\$194,967.95						
	erraform Power	3	167,40		3,348,056	20,65	8 \$1,446.80							92,872	\$6,218.08	3,229,419	\$207,444.10			5,108	\$328.06		
	an Luis Solar Garden LLC	16	165,66		3,313,169	172,94	4 \$12,113.67							150,219	\$10,057.98	1,306,784	\$83,941.06					1,683,222	\$9:
RC050353 Sp	park CSG 1 LLC	6	14,42		84,368	2,44	5 \$171.26							1,833	\$122.79	80,090	\$5,144.52						
RC050354 St	tanley CSG 1 LLC	6	25,75		143,162	2,87	9 \$201.64							2,159	\$144.57	138,124	\$8,872.42						
RC050355 DF	RV Shared Solar 2018-1, LLC	8	96,71		161,195									22,815	\$1,527.52	114,407	\$7,349.08			23,973	\$1,539.90		
	RC 050356 LLC	6	15,05	1 \$975.22	87,649	2,47								3,098	\$207.45	82,072	\$5,271.81						
	RC 050357 LLC	8	7,80		156,642	5,43								2,364	\$158.27	148,840	\$9,560.72						
	afayette Horizon Solar CSG LLC	10	177,87		3,549,755	390,01				8,768	\$614.50	22,332	\$1,564.20			3,128,641	\$200,967.10						
	Aonte Vista Solar 2 CSG LLC	42	433,24		4,358,586	407,67	6 \$28,554.91							263,799	\$17,662.61	1,942,999	\$124,808.96					1,744,112	\$95,
RC053578 DU	U CSG 1 LLC	5	180,60		925,231	5,58	2 \$390.96							148,065	\$9,913.84	668,043	\$42,911.61	103,540	\$9,419.70				
RC053579 Na	lative Suns, LLC Tiny Town	3	347,44		1,814,739	5,48	8 \$384.39							120,920	\$8,096.78	1,380,442	\$88,672.45	307,889	\$28,013.75				
RC053581 M	Alesa CSG 2 LLC	9	157,83	6 \$10,377.99	3,157,528	9,56	1 \$669.63							168,162	\$11,259.61	2,651,642	\$170,327.11	328,163	\$29,867.45				
RC053585 Ro	lock Creek Solar 2 CSG LLC	35	398,86	2 \$27,838.41	4,002,286	367,46	8 \$25,736.49							260,113	\$17,415.40	1,733,497	\$111,352.38	40,128	\$3,644.07			1,601,080	\$87,2
RC053962 Ho	/ /		3.581.90	2 \$230.651.79	3 581 902	96.51	.8 \$6.760.58					1.471				3 483 913	\$223.788.19						
	lousing Authority of the City and County of Denver	19	3,581,90		3,581,902 4 195 272	96,51						1,4/1	\$103.02	95.656	\$6.404.65	3,483,913 4,095,420	\$223,788.19 \$263,070,33						
		8												95,656	56,404.65								
	Dak Leaf Solar XXX LLC Dak Leaf Solar XXX LLC	10	178,24 182.51		3,495,147 3,578,747	3,49										3,491,652 3,575,164	\$224,280.78 \$229.651.30						
	Nak Leaf Solar XXIII LLC. Nak Leaf Solar XXIII LLC	/	182,51		3,578,747	3,58								71.262	\$4.771.35	3,575,164 3,660,286	\$229,651.30 \$235.118.33						
	tak Leaf Solar XXIV LLC lak Leaf Solar XXIV LLC	,	190,49		3,735,287	3,73								108,232	\$7,246.85	3,541,984	\$235,118.33 \$227,517.81						
RC053968 Oa	Nak Leaf Solar XXV LLC	7	186,62	4 \$12,008.28	3,661,963	3,52								100,131	37,140.03	3,658,437	\$234,998.84						
RC053970 Oc	Nak Leaf Solar XXVI LLC	í	183,82	5 \$11,825.93	3,614,349	19,89	6 \$1.393.82							50,720	\$3,396.06	3,543,731	\$227,629.79						
	Dak Leaf Solar XXVII LLC	7	180 17		3 537 787	2.83	0 \$198.71							298.350	\$19.976.45	3,231,602	\$207,580.19						
	Dak Leaf Solar XXVIII LLC	,	178.95		3,509,028	3.15								144.923	\$9,703,40	3,360,947	\$215,889.93						
	Dak Leaf Solar XXXX LLC	7	104.04		2.012.943	2.72								680	\$45.55	2,009,541	\$129,082,76						
	Dak Leaf Solar XXXII LLC	,	185.59		3,690,457	19.18								417.416	\$27,949.90	3,224,930	\$207.148.89			28.930	\$1.858.28		
	Dak Leaf Solar XXXIII LLC	12	375.14		3,974,755	193.56								642.696	\$43,031,43	2.825.809	\$181,515.94	312.689	\$28.393.11	20,730	31,030.10		
	Dak Leaf Solar XXXX LEC	11	190,55		3,736,260	3,74								178,230	\$11,934.12	3,554,291	\$228,304.10		7-0,000				
	Aesa CSG 1 LLC	11	381,41		3,852,160	8,73	7 \$612.07							531,495	\$35,588.08	3,052,968	\$196,104.26	258,959	\$23,596.38				
	lative Suns, LLC Morrison	1	72,88	0 \$4.681.55	1,389,100	17,49	1 \$1,225.11							395,012	\$26,447.35	976,597	\$62,732,45						
RC054663 Ali	ilden Solar CSG LLC	13	174,51	0 \$11,929.30	3,508,353	102,22	0 \$7,160.34					21,586	\$1,512.03			3,384,547	\$217,404.90						
C054664 PI	fatteville Solar CSG LLC	7	147,74	3 \$9,792.32	2,943,614	51,99	3 \$3,641.83									2,891,621	\$185,742.71						
	ilamosa Solar South CSG LLC	26	438,39		4,378,267	323,46								145,647	\$9,752.19	2,158,595	\$138,655.71					1,750,564	\$9
	O LI CSG 1 LLC	21	3,066,50		3,709,525	48,34	6 \$3,386.29							351,737	\$23,550.86	3,309,442	\$212,581.89						
	O LI CSG 2 LLC	14	1,230,24		1,784,047									94,128	\$6,302.62	1,689,919	\$108,550.35						
	O LI CSG 3 LLC	44	716,19	7 \$46,607.90	716,240	78,34	4 \$5,483.80					2,498	\$174.92	50,104	\$3,354.25	585,294	\$37,597.95						
RC064251 GF	RID Alternatives Colorado	8	122,20	7 \$7,999.84	122,207									55,196	\$3,695.11	66,761	\$4,288.63			251	\$16.10		
RC067947 M	Atn Solar 1 LLC	10	378,07	8 \$24,379.70	3,458,041	5,20	1 \$364.29							68,784	\$4,605.35	3,384,056	\$217,375.55						
RC067948 M	Atn Solar 2 LLC	15	578,92	7 \$37,249.93	3,536,052	3,54	3 \$248.18							23,037	\$1,542.58	3,509,471	\$225,429.39						
RC057949 M	Atn Solar 3 LLC	1	191,76		3,486,587	6,97	3 \$488.40							267,596	\$17,917.05	3,189,356	\$204,867.94	22,663	\$2,061.26				
RC067952 Mt	Atn Solar 4 LLC	7	21,33		144,091	3,54	1 \$245.52							6,115	\$407.76	134,435	\$8,648.21						
	Atn Solar S LLC	6	111,76		682,145	51						16	\$1.09	43,035	\$2,881.18	638,576	\$41,020.54						
	Dak Leaf Solar 36 LLC	17	728,32		1,446,129	1,42	5 \$99.77							77,370	\$5,178.79	1,367,334	\$87,840.08						
C068857 Oc		31	1,634,04	5 \$105,731.45	3,268,121	6,93	5 \$485.83							267,691	\$17,923.41	2,993,495	\$192,286.85						
C068857 Oc C068858 Oc	Dak Leaf Solar 37 LLC	12	861,30	6 \$55,340.30	1,722,647	1,69										1,720,955	\$110,554.46						
068857 Oc 068858 Oc 068869 Oc	Dak Leaf Solar 38 LLC		780,61	3 \$51,003.80	1,561,581	148,76	4 \$10,413.25									1,172,705	\$75,335.58			240,112	\$15,425.01		
C068857 Oc C068858 Oc C068869 Oc C068871 Oc	hak Leaf Solar 38 LLC hak Leaf Solar 39 LLC	15			780,980									22,684	\$1,518.61	758,296	\$48,711.00						
C068857 Oc C068858 Oc C068869 Oc C068871 Oc C071109 GF	hak Leaf Solar 38 LLC hak Leaf Solar 39 LLC RID Alternatives Colorado	15 5	780,98		2,005,326	397,86	4 \$27,866.17							50,151	\$3,354.51	1,557,310	\$100,033.88						
C068857 Ox C068858 Ox C068869 Ox C068871 Ox C071109 GF C071114 Ja	bak Leaf Solar 38 LLC bak Leaf Solar 39 LLC RID Alternatives Colorado ack's Solar Garden LLC	15 5 1	40,43													2.297.368							
068857 Oc 068858 Oc 068869 Oc 068871 Oc 071109 GF 071114 Ja 071116 Oc	tak Leaf Solar 38 LLC tak Leaf Solar 39 LLC Solar Barrantives Colorado ack's Solar Garden LLC tak Leaf Solar 44 LLC	15 5 1 13		9 \$53,529.44	3,332,539	3,29								50.720			\$147,560.42			1,031,877	\$66,277.68		
068857 Oc 068858 Oc 068859 Oc 068871 Oc 071109 GF 071114 Jai 071116 Oc 075020 US	Nak Leaf Solar 38 LLC Nak Leaf Solar 39 LLC RISIN Alternatives Colorado nak's Solar Garden LLC Nak Leaf Solar 44 LLC ISI Xoel CSG Venture 1 LLC	15 5 1 13 0	40,43	9 \$53,529.44 0 \$0.00	3,332,539 1,768,491	3,29 127,03						10,752	\$751.85		\$3,395.44	1,579,980	\$101,495.93			1,031,877	\$66,277.68		
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068857 0; 068858 0; 068869 0; 07068871 0; 071119 GF 071114 Jai 071116 0; 075020 US	Jak Leaf Solar 38 LLC Jak Leaf Solar 39 LLC JAK Leaf Solar 39 LLC JAK Leaf Solar 34 LLC JAk Leaf Solar 44 LLC JAk Leaf Solar 44 LLC JAK JAK LEAF JAK LLC JAK JAK LLC JAK JAK LLC JAK	15 5 1 13 0 0	40,43	9 \$53,529.44 0 \$0.00 0 \$0.00 0 \$0.00	3,332,539 1,768,491 344,980 507,419	127,03	9 \$8,874.96					10,752	\$751.85	10,487 23,350	\$701.10 \$1,561.97	334,493 484,069	\$101,495.93 \$21,498.13 \$31,104.59			1,031,877	\$66,277.68		
068857 Oc 068858 Oc 068869 Oc 0711109 GF 071114 Jai 071116 Oc 075020 US 075021 US 075023 US	Julic Leaf Solar 38 LLC Julic Leaf Solar Solar LC Julic Leaf Solar	15 5 1 13 0 0	40,43 833,09	9 \$53,529.44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00	3,332,539 1,768,491 344,980 507,419 536,542	127,03	9 \$8,874.96 4 \$141.03							10,487	\$701.10	334,493	\$101,495.93 \$21,498.13			1,031,877	\$66,277.68		
068857 O: 068858 O: 068869 O: 068871 O: 071109 GF 071114 Jai 077116 O: 075020 U: 075021 U: 075023 U: 075024 U: 075075 U: 07507	Jask Leaf 50 har 38 LLC JRIGO Alternatives Colorado Acido Salori Garden LLC Jok Leaf 50 har 44 LLC Jok Leaf 50 har 44 LLC Jok Zeaf 50 kenture 1 LLC JO Xeaf 150 Kenture 1 LLC JO	15 5 1 13 0 0 0 0 0	40,43 833,09 990,46	9 \$53,529.44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 8 \$69,412.13	3,332,539 1,768,491 344,980 507,419 536,542 997,927	127,03 2,03 983,80	9 \$8,874.96 4 \$141.03 4 \$68,945.07					14,123	\$989.78	10,487 23,350 25,964	\$701.10 \$1,561.97 \$1,736.83	334,493 484,069 508,543	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24			1,031,877	\$66,277.68		
0.068857 Oc. 0.068858 Oc. 0.068869 Oc. 0.068869 Oc. 0.068871 Oc. 0.071114 Jai 0.071114 Jai 0.071116 Oc. 0.075020 US. 0.075021 US. 0.075021 US. 0.075024 US. 0.075024 US. 0.075070 Xc. 0.075071 Xc.	Jak Leaf Solar 38 LLC Mak Leaf Solar 39 LLC MRD Alternatives Colorado Solar ALC Mak Leaf Solar 30 LLC Mak Leaf Solar 4 LLC Solar 4 LLC Solar 5 L	15 5 1 13 0 0 0 0 0 363 363	40,43 833,09 990,46 785,56	9 \$53,529,44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 8 \$69,412,13 8 \$54,682.09	3,332,539 1,768,491 344,980 507,419 536,542 997,927 788,600	127,03 2,03 983,80 713,95	\$ \$8,874.96 4 \$141.03 44 \$68,945.07 55 \$50,034.00			5,664	\$396.96			10,487 23,350 25,964 2,154	\$701.10 \$1,561.97 \$1,736.83 \$144.22	334,493 484,069 508,543 62,195	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24 \$3,994.80			1,031,877	\$66,277.68		
COS8857 OC COS8858 OC COS8859 OC COS8859 OC COS8857 OC COT1109 GF COT1114 Jai COT1114 OC COT5020 US COT5020 US COT5021 UD COT5021 UD COT5024 US COT5075 US COT5075 OC COT5075 US COT5075 US COT5075 US COT5075 US COT5075 US	Jak Leaf Solv 38 LLC Block All Solve Solv	15 5 1 13 0 0 0 0 363 300 274	40,43 833,09 990,46 785,56 509,82	9 \$53,529.44 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$50,00 \$569,412.13 \$554,682.09 \$35,115.54	3,332,539 1,768,491 344,980 507,419 536,542 997,927 788,600 509,823	127,03 2,03 983,80 713,95 404,61	9 \$8,874.96 4 \$141.03 14 \$68,945.07 5 \$50,034.00 3 \$28,355.22			5,664	\$396.96	14,123	\$989.78	10,487 23,350 25,964	\$701.10 \$1,561.97 \$1,736.83	334,493 484,069 508,543	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24			1,031,877	\$66,277.68		
068857 0: 068858 0: 068858 0: 068858 0: 068851 0: 058851 0: 058851 0: 059051114 3aii 0.075020 US 0.075023 UD 0.075023 UD 0.075024 US 0.075024 US 0.075071 Xc 0.075011 Xc 0.075	Jak Leaf Solvi 19 LLC Maked Solvi 19 LLC Mak	15 5 1 13 0 0 0 0 0 363 300 274	40,43 833,09 990,46 785,56 509,82	9 \$33,529,44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 8 \$56,412,13 8 \$54,682.09 3 \$33,115,54 5 \$3,665,86	3,32,539 1,768,491 344,880 507,419 536,542 997,927 788,600 509,823 52,375	2,703 2,03 983,80 713,95 404,61 52,37	8 \$8,874.96 4 \$141.03 44 \$68,945.07 55 \$5,034.00 3 \$28,355.22 55 \$3,665.86					14,123 4,631	\$989.78 \$324.57	10,487 23,350 25,964 2,154 979	\$701.10 \$1,561.97 \$1,736.83 \$144.22 \$65.57	334,493 484,069 508,543 62,195 104,231	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24 \$3,994.80 \$6,694.75			1,031,877	\$66,277.68		
C068857 C:: C068858 O:: C068889 C:: C0688871 O:: C071109 Gf C071116 O:: C075020 U:: C075020 U:: C075023 U:: C075024 U:: C075024 U:: C075024 U:: C075024 U:: C075021 V:: C07502 V:: C075	Jak Leaf Solv 38 LLC Block All Solve Solv	15 5 1 13 0 0 0 0 363 300 274 17	40,43 833,09 990,46 785,56 509,82	9 \$33,529,44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 8 \$56,412,13 8 \$54,682,09 3 \$33,115,54 5 \$3,665,86	3,332,539 1,768,491 344,980 507,419 536,542 997,927 788,600 509,823	127,03 2,03 983,80 713,95 404,61	8 \$8,874.96 4 \$141.03 44 \$68,945.07 55 \$5,034.00 3 \$28,355.22 55 \$3,665.86			5,664 20,171	\$396.96 \$1,413.82	14,123	\$989.78	10,487 23,350 25,964 2,154	\$701.10 \$1,561.97 \$1,736.83 \$144.22	334,493 484,069 508,543 62,195	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24 \$3,994.80			1,031,277	\$66,277.68	65,363	,
068857 0: 068858 0: 068858 0: 068859 0: 068871 0: 071109 66 071114 Jai 071116 0: 075020 US 075021 UD 075023 UD 075024 US 075075 XX	Jak Leaf Solvi 19 LLC Maked Solvi 19 LLC Mak	15 5 1 13 0 0 0 0 363 300 274 17	40,43 833,09 990,46 785,56 509,82	9 \$33,529,44 0 \$0.00 0 \$0.00 0 \$0.00 0 \$0.00 8 \$56,412,13 8 \$54,682.09 3 \$33,115,54 5 \$3,665,86	3,32,539 1,768,491 344,880 507,419 536,542 997,927 788,600 509,823 52,375	2,703 2,03 983,80 713,95 404,61 52,37	8 \$8,874.96 4 \$141.03 4 \$568,945.07 55 \$50,004.00 3 \$28,385.22 5 \$3,665.36 11 \$250,905.46					14,123 4,631	\$989.78 \$324.57	10,487 23,350 25,964 2,154 979	\$701.10 \$1,561.97 \$1,736.83 \$144.22 \$65.57	334,493 484,069 508,543 62,195 104,231	\$101,495.93 \$21,498.13 \$31,104.59 \$32,677.24 \$3,994.80 \$6,694.75			1.031,277	\$66,277.88	65,363	

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.

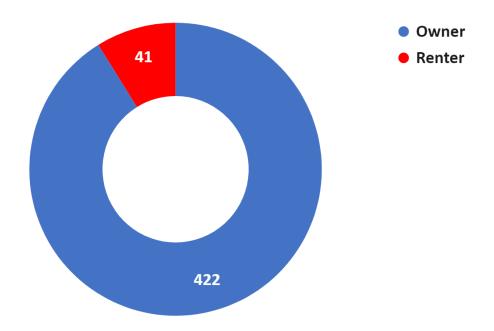


Exhibit 2: Owner and renter distribution of 463 total interconnected rooftop solar homes

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.

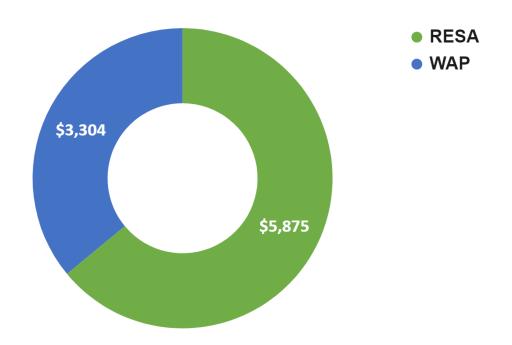


Exhibit 3: Funding distribution of \$9,179 average system cost for 463 interconnected rooftop solar homes

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,

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

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

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 Proceeding No. 19A-0369E Page 2 of 2

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.

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