

# **ATTACHMENT E**

**Xcel Energy's CO Rate Book  
Solar\*Rewards Community Service**

PUBLIC SERVICE COMPANY OF COLORADO

P.O. Box 840  
Denver, CO 80201-0840

Original \_\_\_\_\_ Sheet No. 114  
 Colo. PUC No. 8 Cancels \_\_\_\_\_  
 Colo. PUC No. 7 \_\_\_\_\_ Cancels  
 Sheet No. \_\_\_\_\_

ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
SCHEDULE SRCS	
<p><u>APPLICABILITY</u></p> <p>Applicable as an option to Residential, Commercial and Industrial Customers who are Solar Rewards Community Subscribers (SRCS Subscribers) that receive an SRC Allocation of photovoltaic energy for a Company approved Solar Rewards Community Producer (SRCS Producer). Not applicable to street lighting, area lighting, or resale service. Customers receiving photovoltaic service under Schedule PV may also be SRCS Subscribers.</p> <p><u>DEFINITIONS</u></p> <p><u>Base Energy Rate with GRSA (BER)</u>                  With the exception of the first Year of implementation, the Base Energy Rate with GRSA shall be the Base Energy Rate times 1 + GRSA in effect as of January 1st of each Year. In the first Year of implementation, the Base Energy Rate with GRSA shall be the Base Energy Rate times 1 + GRSA in effect as of July 1, 2012.</p> <p><u>Electric Commodity Adjustment Component (ECA Component)</u>                  The ECA Component is the estimated annual average Electric Commodity Adjustment (ECA) rate or the annual weighted average ECA rate as applicable to each Customer as filed annually on November 1 by the Company in its Annual ECA Projection.</p> <p><u>Premise</u>                  A Premise for billing purposes, including Solar Rewards Community Service shares, is service to a single premise through a single meter, except in instances where the Company combines meters for billing purposes.</p> <p><u>Service Period</u>                  The service period applicable to a SRCS Subscriber shall be the service period under the applicable rate schedule that the subscriber receives electric service from the Company.</p>	
(Continued on Sheet No. 114A)	

ADVICE LETTER NUMBER 1728 Amended

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016

EFFECTIVE DATE January 1, 2017

P.O. Box 840  
Denver, CO 80201-0840

Original \_\_\_\_\_ Sheet No. 114A  
 Colo. PUC No. 8 Cancels \_\_\_\_\_  
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ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
SCHEDULE SRCS	
<p><u>DEFINITIONS</u> – Cont’d</p> <p><u>SRCS Allocation</u>                      An Allocation is the Monthly allocation of photovoltaic energy that the SRC Producers determine for a SRCS Subscriber that the Company converts to Kilowatt-Hours for each billing Month.                      The Kilowatt-Hour SRCS Allocation is determined from the Monthly meter measurement of the SRCS Producer’s photovoltaic energy production as measured and recorded by the Company. The Company shall use the SRCS Allocation for each SRCS Subscriber to determine the Monthly SRCS Credit.                      The Kilowatt-Hour SRCS Allocations plus production from photovoltaic service under Rate Schedule PV cannot exceed one-hundred-twenty percent (120%) of a SRCS Subscriber’s average Monthly Kilowatt-Hour energy usage based on the Subscriber’s previous twelve (12) consecutive Month period.                      Any SRCS Allocations, in combination with production from photovoltaic service under Rate Schedule PV, which exceeds one-hundred-twenty percent (120%) of a SRCS Subscriber’s annual energy usage, shall not be included in the SRCS Credit.                      The Subscriber must be in the same county or qualified under criteria otherwise determined by the Company, to be deemed eligible subscribers. SRCS Allocations may be transferred between eligible subscribers with sixty (60) days’ notice and up to three transfers per calendar Year. New SRCS Subscriptions resulting from SRCS Allocation transfers are subject to the same one-hundred-twenty percent (120%) rule.                      In the event the production from SRCS Producer is reduced due to weather or equipment failure, or other cause, the resulting Monthly SRCS Credit, which is determined from actual meter readings, will likewise be reduced.</p> <p><u>SRCS Producer</u>                      A Company approved Solar Rewards Community photovoltaic energy Producer. The SRCS Producers shall provide the SRCS Allocations of photovoltaic energy for each SRCS Subscriber.</p> <p style="text-align: center;">(Continued on Sheet No. 114B)</p>	

ADVICE LETTER NUMBER 1728 Amended

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016

EFFECTIVE DATE January 1, 2017

PUBLIC SERVICE COMPANY OF COLORADO

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Original \_\_\_\_\_ Sheet No. 114B  
 Colo. PUC No. 8 Cancels \_\_\_\_\_  
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 Sheet No. \_\_\_\_\_

ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
SCHEDULE SRCS	
<u>DEFINITIONS</u> – Cont'd	
<p><u>SRCS Resource</u>                      A Solar*Rewards Community Service photovoltaic resource that is identified as a unique project with a separate interconnection wholly within the Company's service territory.</p>	N N N
<p><u>Solar Rewards Community Service (SRCS) Credit</u>                      The Kilowatt-Hour credit to Customers per Kilowatt-Hour produced from a Customer's SRCS Allocations, calculated on a Monthly basis</p>	
<p><u>SRCS Subscriber</u>                      A Customer of the Company who receives a photovoltaic energy subscription from a SRCS Producer.</p>	
<p><u>Total Aggregate Fixed Retail Rate (TAFRR)</u>                      The total effective rate(s) for energy and demand charges under each applicable service rate schedule as well as all applicable Base Rate Adjustments, and Non-Base Rate Adjustments, excluding the Distribution, Generation and Transmission Standby Capacity Reservation Fees of Schedules SST, PST and TST, converted to a Kilowatt-Hour rate. A specific TAFRR is calculated for the following Schedules: R, RD, RD-TDR, RE-TOU, C, SG, PG, and TG. The TAFRR for Schedule SG will also apply to Schedule SGL. Except for the ECA component of the rates, the TAFRR for 2012 shall be based on rates effective July 1, 2012 and for subsequent Years shall be based on rates effective January 1st of the Year. The ECA Component of the TAFRR shall be the ECA Component projected for each Year, including the TAFRR for 2012.</p>	
<p><u>Total Aggregate Variable Retail Rate (TAVRR)</u>                      A Customer specific Kilowatt-Hour rate for Commercial and Industrial (C&amp;I) Customers, available to Customers receiving SRCS service from an SRCS Resource that was operational prior to January 1, 2017. For SRCS resources whose operations begin after January 1, 2017, the TAVRR credit rate will not be available.                      The TAVRR is calculated by dividing the sum of Billed Amounts associated with (1) Demand Base Rates, (2) GRSA for Demand Base Rates; and the following Demand Based or Energy Based Riders: (3) PCCA, (4) DSMCA and (5) TCA and (6) CACJA of the Customer's Annual Billed Amounts from the calendar Year preceding the current service Year</p>	C C C C C C C C C
(Continued on Sheet No. 114C)	

ADVICE LETTER NUMBER 1728 Amended

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REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016

EFFECTIVE DATE January 1, 2017

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Original \_\_\_\_\_ Sheet No. 114C  
 Colo. PUC No. 8 Cancels \_\_\_\_\_  
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 Sheet No. \_\_\_\_\_

ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
SCHEDULE SRCS	
<p><u>DEFINITIONS – Cont’d</u></p>	
<p><u>Total Aggregate Variable Retail Rate (TAVRR) – Cont’d</u>                      (excluding the Distribution, Generation and Transmission Standby Capacity Reservation Fees of Schedules SST, PST and TST), divided by the Customer’s annual Kilowatt-Hour consumption during the same preceding calendar Year; plus Energy Base Rate, GRSA for Energy Base Rate, and Energy Based Non-Base Rate Adjustments, excluding the ECA Component. The Energy Based Rate Base Rate Adjustment and GRSA for Energy Based Rate Base Rate Adjustments, or BER defined above, of the TAVRR for 2012 shall be based on rates effective July 1, 2012 and for subsequent Years shall be based on rates effective January 1<sup>st</sup> of the Year. The ECA component of TAVRR shall be the ECA Component projected for each Year.</p>	
<p><u>Transmission and Distribution Cost (T&amp;D Component)</u>                      The T&amp;D Component is an amount of T&amp;D Costs that are a part of Base Rate Adjustments, expressed as a Kilowatt-Hour cost that shall be subtracted from either the TAFRR or TAVRR as part of the determination of the SRCS Credit. For the TAFRR, the T&amp;D Component is a fixed amount differentiated for each Rate Schedule, which is subtracted from the TAFRR. For the TAVRR, it is a percentage of the TAVRR differentiated for each Rate Schedule, which is multiplied times the TAVRR and then subtracted from the TAVRR.</p>	
<p><u>Transmission Cost Adjustment Component (TCA Component)</u>                      The TCA Component is the Transmission Cost Adjustment Rider, expressed as a Kilowatt-Hour cost that shall be subtracted from either the TAFRR or TAVRR as part of the determination of the SRCS Credit.                      For the TAFRR, the TCA Component is a fixed amount differentiated by Schedule, which is subtracted from the TAFRR. For the TAVRR, it is a percentage amount differentiated for each Schedule, multiplied times the TAVRR and then subtracted from the TAVRR.</p>	
<p>(Continued on Sheet No. 114D)</p>	

ADVICE LETTER NUMBER 1728 Amended  
 DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016  
 EFFECTIVE DATE January 1, 2017

PUBLIC SERVICE COMPANY OF COLORADO

P.O. Box 840  
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Original \_\_\_\_\_ Sheet No. 114D  
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ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
SCHEDULE SRCS	
<p><u>SRCS FIXED CREDIT RATE CALCULATION</u></p> <p>The Company will calculate the SRCS Fixed Credit annually at the end of each calendar Year, except for the first Year of implementation, to be in effect on January 1<sup>st</sup> of the subsequent Year. For the first Year of implementation, the SRCS Fixed Credit was based on rates in effect as of July 1, 2012, except for the ECA Component, which is based on the projected average for 2012. The SRCS Fixed Credit is calculated as follows:</p> <p style="margin-left: 40px;">SRCS Fixed Credit = A – B – C</p> <p style="margin-left: 40px;">Where:</p> <p style="margin-left: 80px;">A = TAFRR</p> <p style="margin-left: 80px;">B = T&amp;D Cost Component Amount</p> <p style="margin-left: 80px;">C = TCA Cost Component Amount</p> <p><u>SRCS INDIVIDUAL C&amp;I CUSTOMER VARIABLE CREDIT RATE CALCULATION</u></p> <p>The Company will calculate the SCRS Individual C&amp;I Customer Variable Credit for Customers receiving SRCS service from an SRCS Resource that is operational prior to January 1, 2017. The variable credit rate will be calculated each Year of the Customer’s service based on the Customer’s bills for the preceding calendar Year. If the C&amp;I Customer does not have full preceding calendar Year of Monthly bills, the Customer will receive the SRCS Fixed Credit based on the rate class of the Customer as of January 1st, or if a new subscription, the Customer’s rate class as of the date of program start under this tariff. The SRCS Individual Customer Variable Credit is calculated as follows:</p> <p style="margin-left: 40px;">SRCS Individual Customer Variable Credit</p> <p style="margin-left: 40px;">= A – [(B + C) times A]</p> <p style="margin-left: 40px;">Where:</p> <p style="margin-left: 80px;">A = TAVRR</p> <p style="margin-left: 80px;">B = T&amp;D Cost Component Percentage</p> <p style="margin-left: 80px;">C = TCA Cost Component Percentage</p> <p><u>SRCS CREDIT BILLING</u></p> <p>The Company will calculate and apply the SRCS Credit as part of the Monthly bill for electric service under the applicable rate schedule to each SRC Subscriber. The SRCS Credit Kilowatt-Hour Rate shall be multiplied by the Kilowatt-Hour production from the SRCS Allocation and applied in the first full billing Month for each SRCS Subscriber following the date that the Company records the SRCS Allocation for the SRCS Subscriber as received by the Company from the SRC Producer based on the Company’s meter reading of the photovoltaic energy from the SRCS Producer. In the event that a net credit balance remains on any Monthly bill after applying an SRCS</p>	
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ADVICE LETTER NUMBER 1728 Amended

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016

EFFECTIVE DATE January 1, 2017

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Original \_\_\_\_\_ Sheet No. 114E  
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ELECTRIC RATES	RATE
SOLAR REWARDS COMMUNITY SERVICE	
<p style="text-align: center;">SCHEDULE SRCS</p> <p><u>SRC CREDIT BILLING</u> – Cont’d</p> <p>Credit, the Company shall apply such remaining credit towards the next Monthly bill for service. Excess billing credits will be rolled over indefinitely until the Customer terminates service.</p> <p>The Company will not apply any SRCS Credit towards non-gratuitous charges, gas service charges as provided under Company’s P.U.C. No. 6 – Gas Tariff, or non-regulated service charges as may be assessed on a SRCS Subscriber’s total bill.</p> <p>The Company will apply the SRCS Credit for billing except for the Service and Facility Charge. However the Company will not consider the applicable SRCS Credit in determining the Averaged Monthly Payment for SRCS Subscribers who participate in the Average Monthly Payment Plan for Residential and Small Commercial Customers. The Company will not consider the SRCS credit in determining a Customer’s deposit requirement.</p> <p>In instances where a SRCS Subscriber’s SRCS Credit is applicable to an initial service bill, the Company will apply the SRCS Credit as set forth in this section. In instances where SRCS Subscriber’s SRCS Credit is applicable through the date of a final service bill, the Company will apply the applicable credit on the final bill. In addition, for any remaining SRCS credit balance in the final bill or for any applicable SRCS Credit not credited due to the lag between the reading of the SRCS Production and posting the SRCS Credit on the final bill, no payment to the Customer shall be required.</p> <p>The Company will apply a SRCS Credit to past due bills or arrearages for electric service.</p> <p><u>RULES AND REGULATIONS</u></p> <p>Should there be any conflict between the provisions within this Schedule SRCS and the applicable service tariff, the provisions herein will control. Service supplied under this rate schedule is subject to the terms and conditions set forth in the agreement between the Customer and Company and the Company’s Rules and Regulations on file with the Commission and the following conditions:</p> <ol style="list-style-type: none"> <li>1. The SRCS Producer will install, own and maintain the photovoltaic generation system (PV System). Company will install, own, operate and maintain suitable metering for measuring the production of the PV System. The SRCS Producer or their agent shall be responsible to provide, own, operate and maintain at the SRC Producer’s cost any necessary electronic communications that are required by the Company to record the SRCS Producers photovoltaic energy production.</li> </ol> <p style="text-align: center;">(Continued on Sheet No. 114F)</p>	

ADVICE LETTER NUMBER 1728 Amended

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE December 1, 2016

EFFECTIVE DATE January 1, 2017

PUBLIC SERVICE COMPANY OF COLORADO

Second Revised Sheet No. 114F

P.O. Box 840  
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Sub. First Revised Cancels 114F  
Sheet No.

ELECTRIC RATES		RATE
SOLAR REWARDS COMMUNITY SERVICE		
SCHEDULE SRC		
<u>RULES AND REGULATIONS – Cont’d</u>		
2.	The SRCS Producer shall notify Company of any service failure or damage to the Company’s or the SRCS Producer’s equipment. Repair and/or replacement of Company equipment shall be provided by Company as soon as practicable, subject to the Company’s operating schedules, after notification by SRCS Producer of any service failure. The SRCS Producer shall be responsible for repairing damage to the SRCS Producer’s equipment as soon as practicable.	
3.	The SRCS Producer shall be responsible to ensure the PV System design and installation is in compliance with the Company’s Interconnection Standards and safety provisions and the Company’s Safety Interference Interconnection Guidelines for Cogenerators, Small Power Producers and Customer-owned Generators. SRC Producers who do not comply with these standards will be subject to termination of service as well as SRC Subscriber’s Allocations under this schedule and under the applicable service schedule until compliance is obtained.	
4.	The Company will file no later than November 15th of each Year for the Fixed SRCS Credits for each Rate Schedule and for the Components of the C&I Customer Specific Credits that are to be effective January 1st of the subsequent Year.	
<u>RATE SCHEDULE FOR FIXED SRCS CREDIT for 2019</u>		
<u>Rate Schedule</u>	<u>Fixed SCRS Credit</u>	
R, RE-TOU	\$0.07032	
RD	\$0.05969	
RD-TDR	\$0.07030	T
C, NMTR	\$0.06725	
SG, SG-CPP, STOU, SPVTOU	\$0.06457	
SGL	\$0.09070	R R
SST	\$0.06457	R R
PG, PG-CPP, PTOU, SCS-7	\$0.05491	R R
PST	\$0.05491	R R
TG, TG-CPP, TTOU, SCS-8	\$0.05084	R R
TST	\$0.05084	R R
(Continued on Sheet No. 114G)		

ADVICE LETTER NUMBER 1780

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

ISSUE DATE November 15, 2018

EFFECTIVE DATE January 1, 2019



PUBLIC SERVICE COMPANY OF COLORADO

Second Revised \_\_\_\_\_ Sheet No. 114F

P.O. Box 840  
Denver, CO 80201-0840

Sub. First Revised \_\_\_\_\_ Cancels 114F  
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ELECTRIC RATES		RATE
SOLAR REWARDS COMMUNITY SERVICE		
SCHEDULE SRCS		T
COMPONENTS FOR CALCULATING C&I INDIVIDUAL SRCS CREDITS for 2019		
	(BER)	R
<u>Rate Schedule</u>	<u>Base Energy Rate with GRSA</u>	R
SG, SG-CPP, SST, STOU, SPVTOU	\$ 0.00441	R
SGL	\$ 0.00441	R
PG, PST, SCS-7, PTOU, PG-CPP	\$ 0.00439	
TG, TST, TTOU, SCS-8, TG-CPP	\$ 0.00422	
	ECA Component	II
SG, SG-CPP, SST, STOU, SPVTOU	\$ 0.03012	I
SGL	\$ 0.03012	I
PG, PG-CPP, PST, SCS-7, PTOU	\$ 0.02939	R
TG, TG-CPP, TST, TTOU, SCS-8	\$ 0.02879	R
	T&D Component Cost %	R
SG, SG-CPP, STOU, SPVTOU,	24.36%	R
SST	24.36%	R
SGL	17.79%	R
PG, PG-CPP, PTOU, SCS-7	18.85%	R
PST	18.85%	R
TG, TG-CPP, TTOU, SCS-8	7.11%	II
TST	7.11%	I
	TCA Component Cost %	I
SG, SG-CPP, STOU, SPVTOU	1.94%	I
SST	1.94%	I
SGL	6.59%	I
PG, PG-CPP, PTOU, SCS-7	1.73%	I
PST	1.73%	I
TG, TG-CPP, TTOU, SCS-8,	1.86%	
TST	1.86%	

ADVICE LETTER NUMBER 1780

ISSUE DATE November 15, 2018

DECISION/PROCEEDING NUMBER \_\_\_\_\_

REGIONAL VICE PRESIDENT,  
Rates & Regulatory Affairs

EFFECTIVE DATE January 1, 2019