



2018 PV System Leasing Application

1. CUSTOMER INFORMATION

Utility Account # _____ Account Name: _____
(installation address) (as it appears on your utility bill)

Installation Address: _____ City: _____ Zip: _____

Mailing address: _____ City: _____ Zip: _____
(if different from installation address, zip)

Customer contact: _____ Email: _____ phone: _____

Are you currently subscribed in a Community Solar Garden? (please circle one) YES NO

I grant permission to be notified by email of other CSU programs (please circle one) YES NO

2. OWNER/OPERATOR OF SOLAR GENERATING EQUIPMENT

Company: _____

Representative: _____ Email: _____

Physical Address: _____ City: _____ State: _____ Zip: _____

Contact Phone: _____

3. SOLAR PHOTOVOLTAIC (system) AND INSTALLATION INFORMATION

	Array 1	Array 2	Array 3	Array 4
PV module manufacturer:				
PV module model number:				
(A) CEC PTC rating (module):				
(B) Number of modules installed:				
Module orientation (S, SE, SW, E, W):				
Module tilt:				
(C) Orientation and tilt de-rating factor (table below)				
(D) Annual shade (%):				
Inverter manufacturer:				
Inverter model number:				
(E) Inverter CEC seventy-five (75) percent load efficiency:				
Number of inverters installed:				
AC Watts output (A.B.C.D.E)				

Notes on AC watt calculation:

a De-rating factor for combinations of orientation and tilt are found in the table below.

b De-rating factor for shading is provided by Solar Pathfinder (or similar device) readings taken at the installation site.

	De-rating Factor (a)	PV Array Tilt Angle from Horizontal (Degrees)					
		0	18	30	45	60	90
Orientation	South	0.89	0.97	1	0.97	0.89	0.58
	SSE or SSW	0.89	0.97	0.99	0.96	0.88	0.59
	Southeast or Southwest	0.89	0.95	0.96	0.93	0.85	0.60
	ESE or WSW	0.89	0.92	0.91	0.87	0.79	0.57
	East or West	0.89	0.88	0.84	0.78	0.7	0.52

Will this system have a battery back-up? _____ If yes, please provide a One-Line Diagram

Service voltage (check one): Residential 120/240 120/208
 Commercial 120/240 120/208 277/480 Other _____

Please attach the following documents to the application form:

- Site plan detailing the direction North and the location of all equipment (PV array, inverter, existing Springs Utilities electric meter, REC meter and AC Disconnect)
- A copy of the shading analysis conducted at the premise at the physical location of the proposed PV array installation using a solar shading analysis device (Solar Pathfinder™, Solmetric Sun Eye™ or similar device)
- A picture of the existing electric meter to show meter style and height and location of meter
- Renewable energy leasing agreement
- Signed Interconnection Agreement for a Non-Customer-owned Solar Renewable Energy System

Please complete this application form, read the Terms and Conditions below, and then sign the certification, attach the required documents listed above and submit to:

Colorado Springs Utilities
Renewable Energy Rebate Program
2855 Mesa Road, Mail Code 1300
Colorado Springs, CO 80904

OR

Email to: renewables@csu.org
 Fax to: **719.668.2510**

A Customer of Colorado Springs Utilities (Springs Utilities) may have on its Premise a non-Customer-owned Solar Renewable Energy System that is following the City Code of the City of Colorado Springs and with Springs Utilities' Tariffs (System). By submitting this application, the Customer proposes to have on its Premise an eligible System that is owned by Owner, which will install and will maintain that System in compliance with all applicable National Electric Code requirements, building codes, and Springs Utilities Tariff and Electric Line & Extension Service Standards. The Customer will receive electric energy from the non-Customer-owned System, which for purposes of this application is described as "solar generating equipment leasing." This application is used to request specific information about the System to be installed to validate that the System meets all of Springs Utilities' requirements. Springs Utilities will review and will approve or will deny applications submitted on a first-come, first-served basis. An incomplete application or one lacking the additional required documentation will be denied. If the application is approved, then a confirmation letter will be mailed to the Customer. If the application is denied, then a denial letter indicating the reason for denial will be mailed to the Customer.

The Customer should expect to receive an approval letter within ten (10) business days after Springs Utilities has received the completed application form and all additional required documentation. The Springs Utilities approval letter is needed to obtain a permit from Pikes Peak Regional Building Department prior to System installation.

Terms and Conditions

1. Definitions:

- a. **Customer** – As defined in the Springs Utilities' Tariffs. Generally, an individual or business that purchases retail electric service on a residential, commercial, or industrial tariff from Springs Utilities, participates in solar generating equipment leasing, and maintains Springs Utilities electric account(s) that are current and non-delinquent.
- b. **Interconnection Agreement** – An Interconnection Agreement for a Non-Customer-Owned Solar Renewable Energy System available for download at <https://www.csu.org/CSUDocuments/PVnoncustomerinterconnectionagreement.pdf>
- c. **System** – a non-Customer-owned Solar Renewable Energy System that is following the City Code of the City of Colorado Springs and with Springs Utilities' Tariffs, normally consisting of photovoltaic modules, an inverter, an Alternating Current (AC) disconnect, and a protective device or breaker.

2. Qualifying Systems installed must:

- a. Be included in the List of Eligible Photovoltaic Modules found at http://gosolarcalifornia.org/equipment/pv_modules.php and the List of Eligible Inverters found at <http://gosolarcalifornia.org/equipment/inverters.php> and meet local Pikes Peak Regional Building Department equipment requirements.
- b. Be interconnected with the Springs Utilities electric system under an authorized Interconnection Agreement.
- c. Comply with the System design standards required in Section 4 of the Interconnection Agreement.
- d. Be installed at a Premise that is owned by the Customer and that is receiving Springs Utilities electric service, or in the case of new construction, at a Premise titled in the Customer's name and that will receive Springs Utilities electric service.
- e. Have a minimum System size of five hundred (500) watts, and a maximum System size of ten (10) kilowatts for residential and twenty-five (25) kilowatts for business; System size shall not exceed one hundred twenty (120) percent of Customer's previous twelve (12) month kilowatt-hour usage at the single premise meter where the System will be interconnected.

3. Qualifying Systems must not be interconnected to the Springs Utilities electric system prior to inspection, testing, and written authorization from Colorado Springs Utilities.

- 4. The Customer is solely responsible for the installation of, or causing the installation of, all equipment/products to the manufacturer's specifications. The Customer is solely responsible for obtaining, or causing to be obtained, all related building permits and completing the Electric Service (ES) inspection process as required by the local jurisdiction. Springs Utilities is notified by Pikes Peak Regional Building Department (PPRBD) after the System passes the ES inspection. Springs Utilities' interconnection inspection cannot be scheduled until Springs Utilities receives notification from PPRBD.
 - 5. **Spring Utilities is not a party** – The Customer understands and agrees that Springs Utilities is not a party to any contract pertaining to the System installation. The Customer agrees to indemnify, to defend, and to hold harmless Springs Utilities, its board members, officers, agents and employees against all claims, loss, damage, expense and liability asserted or incurred by other parties, including but not limited to Springs Utilities' employees, arising out of or in any way connected with the Interconnection Agreement, and the System, or the System's installation, operation, or performance, and caused by acts, omissions, intent, or negligence, whether active or passive, of the Customer, its agents, employees, and suppliers, and excepting only such loss, damage, or liability as may be caused by the intentional act or sole negligence of Springs Utilities.
 - 6. **Disclaimer of warranties** – Springs Utilities makes no representations or warranties, expressed or implied, regarding the design, sizing, installation, construction, reliability, efficiency, performance, operation, maintenance, or use of the System or any make or model of equipment analyzed, discussed, selected, rejected, installed, or otherwise considered by the Customer. Any decisions regarding the selection, design, installation, use, and operation of the System and equipment shall be at the sole discretion of and are the sole responsibility of the Customer. Springs Utilities is not liable or responsible for any act or omission of any contractor whatsoever.
 - 7. The Customer acknowledges that once the System is installed, that upon the Customer's request the Customer will receive service under Springs Utilities' Renewable Energy Net Metering Rate Schedule (or successor rate schedule) as that rate schedule is revised from time-to-time.
 - 8. The Customer agrees that Springs Utilities reserves the right to deny an application if the proposed System would require modification to existing Springs Utilities facilities or equipment.
 - 9. A System installed under this program is intended to offset part of the Customer's annual electric usage at the Premise. System size cannot exceed one hundred twenty (120) percent of the Customer's previous twelve (12) month kilowatt-hour usage, based on a period that begins on Jan 1st and ends Dec 31st. In the event of new construction, an estimated energy usage for the building will be requested.
- 10. Certification** – By signing this certification the Customer certifies under penalty of perjury that:
- a. The information provided in this Application is true and correct to the best of the Customer's knowledge.
 - b. The Customer has read and understood the stated terms and conditions.
 - c. The Customer agrees to comply with all Interconnection Agreement provisions.

Customer Name (please print): _____

Customer Signature: _____ Date: _____