



Nonprofit Solar Grant Program Application



Silicon Valley Power nonprofit customers may receive a grant up to \$100,000 for a solar photovoltaic (PV) system.

Required Attachments:

- Silicon Valley Power Electric Bill
- Contract for PV System equipment and installation
- Copy of the installer’s warranty (minimum 10 years)
- Annual energy (kWh) production calculations
- Proposed system layout
- Shading Analysis (or site photos depicting no shading)
- Letter of Authorization on company letterhead granting payment to Installer (if applicable)
- W-9 signed within the last 3 months.
- Proof of Nonprofit status

After project completion, submit the following:

- Final building permit
- Final paid invoice from the seller/installer
- Solar System Commissioning Test Report (uploaded to Power Clerk)

Customer Information (Host Customer)		
Name		Account Number
Installation Address		Electric Meter Number
Mailing Address (if different)		Contact Person (if different)
Phone		Email
Last 12 months kWh used:		
Installer Information		
Company Name		Contact Person
Address		
Phone Number		Email Address
Contractor Class	License Number	Expiration
Installer Warranty (Attach a copy) <input type="checkbox"/> 10 year <input type="checkbox"/> Other _____		



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PV System Information			
Module Manufacturer		Module Model #	
Quantity		PTC (W) per Module	
PV PTC Rating (Quantity * PTC Rating)		W	kW
Inverter Manufacturer			
Inverter Model		Quantity	
Efficiency (from CEC)		Rating (kW)	
Inverter Rating (Quantity * Rating)		kW	
System Rated Output			
CEC-AC Rating (PV PTC Rating * Inverter Efficiency)		kW	
DC Watts			
Estimated Annual Energy Production (kWh/year)		Attach a copy of your calculations	
Methodology Used		Shade Analysis Performed by <input type="checkbox"/> Installer <input type="checkbox"/> Other	
Orientation #1: <input type="checkbox"/> W <input type="checkbox"/> SW <input type="checkbox"/> S <input type="checkbox"/> SE <input type="checkbox"/> E <input type="checkbox"/> Other _____		Tilt	Azimuth
Orientation #2: <input type="checkbox"/> W <input type="checkbox"/> SW <input type="checkbox"/> S <input type="checkbox"/> SE <input type="checkbox"/> E <input type="checkbox"/> Other _____		Tilt	Azimuth
Design Correction			
Attach a copy of the proposed system layout and Solar Pathfinder or equivalent shade analysis. If no shading, include site photos depicting site shade free.			
Installed System Cost			
Total Eligible System Costs before Silicon Valley Power Grant \$ _____			
Grant			
Pay Grant to: <input type="checkbox"/> Host Customer <input type="checkbox"/> Installer (attach authorization)			
Projected Grant Amount:			



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Each of the Undersigned declares under penalty of perjury that:

1. The information provided in this form is true and correct to the best of my knowledge.
2. The PV system is intended to offset part or all of the Host Customer's electrical needs at the installation site.
3. The installation site is located within the service territory of the City of Santa Clara's electric utility.
4. The Host Customer intends to operate the system at the listed installation site for its useful life.

Host Customer Name Signature Date

Installer Name Signature Date

For SVP Use Only					
Date Received	Pre-Approved Date	Final Grant Approval Date	Approved by	Grant Amount	PV Grant #:



Nonprofit Solar Grant Program Rules



Eligibility

- Must be a Silicon Valley Power non-residential electric customer classified by the United States Internal Revenue Service under Section 501(c)(3) or 501(c)(19) to be a nonprofit, tax-exempt organization.
- Customer intends to operate the photovoltaic system at the listed service address for its useful life.
- System must be owned by Host Customer. Leases and Power Purchase Agreements are ineligible.

Payments

- System must be for the sole purpose of offsetting electric consumption at the installation location.
- Final grant documentation must be submitted within 30 days of project completion and receipt of Permission to Operate.
- Grant payments will be sent to the customer as indicated on the Grant Application.
- Grant payments will typically be mailed within 4 to 6 weeks after project completion and documentation submission.

Grant Requirements

- All PV modules and inverters must be on the State of California Energy Commission list of eligible equipment. Please see the CEC website for a [list of approved PV modules and PV inverters \(energy.ca.gov/programs-and-topics/programs/solar-equipment-lists\)](https://energy.ca.gov/programs-and-topics/programs/solar-equipment-lists).
- Installation must meet all of Silicon Valley Power's Engineering and Operation Requirements for the Interconnection of Generating Facilities.
- System must come with a minimum ten-year warranty against breakdown or unusual degradation.
- The system cannot exceed the size appropriate to cover up to **80%** of annual energy use. If the grant is used to expand an existing PV system, the total system cannot exceed 80 percent of annual usage. Customers on a Net Energy Metering Rate will not be paid for any excess generation production following the annual true up.
- Grants are limited to a maximum of \$100,000 up to 100% of the system cost.
- No more than **10%** of the grant funds may be spent on building repairs or infrastructure to make the site PV ready.
- System must be installed and permitted in accordance with all applicable building and national electric codes.
- System must be grid-connected and installed by a licensed contractor.
- Customer must execute a [Generating Facility Interconnection Application >10 kW \(SiliconValleyPower.com/home/showpublisheddocument/18890/635980372047600000\)](https://SiliconValleyPower.com/home/showpublisheddocument/18890/635980372047600000) with the City of Santa Clara.
- Upon receipt of pre-approval, Customer will have 6 months to install the system.
- Host Customer must agree to future inspections of the equipment to verify PV system performance.
- Approval is at the sole discretion of Silicon Valley Power.
- Arrays between 300 degrees and 60 Degrees are not eligible for Grant.
- Arrays with a design factor less than 90% will be de-rated.
- Shade analysis is required for all arrays.
- Per Public Utility Code 2827, Customer cannot sell the renewable energy credits (RECs) associated with a system interconnected with Silicon Valley Power and/or receiving a Grant under this program.
- Host Customer must provide a Solar System Commissioning Test report from a licensed third party that will verify the system operability and anti-islanding functionality.



How to Complete the Nonprofit Solar Grant Application



Customer Information: Provide information of purchaser of the system. Provide the street address where the system will be installed, the Silicon Valley Power account number, and the last 12 months of kWh consumption used in sizing the system.

Installer Information: Provide installer's information and the California license class (C-10, electrical or C-46, solar) and license number of the installing contractor. A minimum 10 year warranty is required for all systems.

PV System Information: Enter the manufacturer's name, model number and quantity of photovoltaic modules that your system will contain.

PV Modules: Only modules that have been certified by a nationally recognized testing laboratory as meeting the requirements of the Underwriters Laboratory (UL) Standard 1703 are eligible. Enter the "PTC" (not STC) rating of the modules. PTC ratings can be obtained from the module manufacturer. The California Energy Commission (CEC) maintains a list of certified modules and their PTC ratings on their website at: energy.ca.gov/programs-and-topics/programs/solar-equipment-lists. Multiply the module quantity by the module PTC watts to get Total Module Output in watts PTC. Divide by 1000 to get Total Module Output in kW PTC.

Inverters: Enter the manufacturer's name, model and inverter efficiency (at three-quarter's load) of the inverter in your system. Inverters must be certified as meeting the requirements of UL 1741. A list of certified inverters can be obtained from the CEC website at: energy.ca.gov/programs-and-topics/programs/solar-equipment-lists.

System Rated Output: Multiply the Total Module Output by the Inverter Efficiency. Enter the estimated energy production and indicate the calculation methodology used to determine the estimated energy production value in kilowatt-hours. For example, CSI EPBB Calculator, PV Watts, Clean Power Estimator etc.

Attachments: Include all required attachments listed at the top of the application.

Mail application to:

Silicon Valley Power Nonprofit Solar Grant Program
881 Martin Ave
Santa Clara, CA 95050

Or submit via email to:

savemoney@siliconvalleypower.com

Use the subject title "Nonprofit Solar Grant Program - <participant name>"

Note that attachments should be limited to 5MB combined or the email may not be delivered.

Pre-approval is required for all grant applications prior to installation. Once pre-approval is granted, Host Customer or Installer must submit Generating Facility Interconnection Application >10 kW through PowerClerk (svpint.powerclerk.com/MvcAccount/Login).

After receiving your final building permit and permission to operate, submit remaining required documents listed at the top of the Grant Application.