

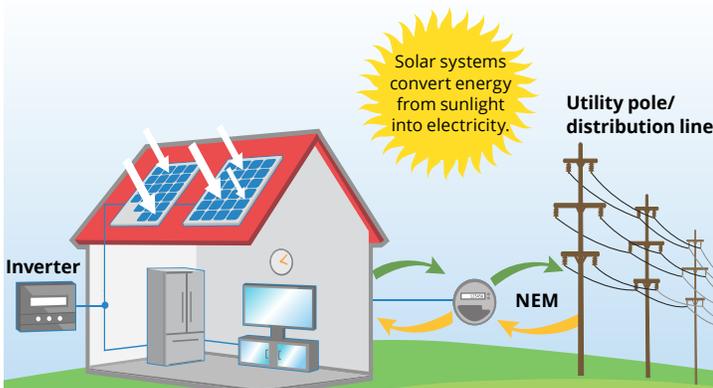
## Solar Energy | Applying for Interconnection and Net Energy Metering

# GOING SOLAR? THEN YOU'LL WANT TO CONNECT WITH US.

Once you have met with your contractor and selected the appropriate solar energy system for your home or business, the next step is to request interconnection to SCE's electric grid and to enroll in one of the available Net Energy Metering tariff programs.

Having your system interconnected helps ensure you have access to power during those periods when your system is not producing enough electricity for your property (in the evening, for example). Plus, whenever your system generates more energy than your household can use, you'll receive credit for the excess energy generated and sent back to the electric grid.

NEM is a special rate option that provides you full retail value for the electricity that is generated and credits you for the surplus energy you generate.



The energy is used in your home or business. Excess energy not used by your home goes back to the power network. When your solar system doesn't produce enough energy, you'll receive it from us as you always have.

The inverter converts the electricity produced by the solar system from direct current (DC) to alternating current (AC) for use in your home or business and measures the energy produced by the solar system.

### How Net Energy Metering Works

The NEM program uses a bi-directional meter to track the "net" difference in kilowatt hours (kWh) between the amount of excess electricity you produce and the amount of electricity you consume on a time-of-use basis during each billing period. Each month, you will be either a net consumer or a net generator of electricity.

For instance, if during the month your household consumed 500 kWh of energy from the power network, and supplied 200 kWh, you would be a net consumer and would be charged for 300 kWh (i.e., 500 kWh minus 200k Wh).

Conversely, if in a given month you supplied more electricity to the power network than your household consumed, you are considered a net generator for the month and will be credited for the amount of electricity (kWh) supplied to our power network less the amount supplied by us.

For example, if your household consumed 500 kWh but supplied 700 kWh to the power network, you would be credited with 200 kWh. Credits appear as a negative number on your bill (e.g. -200k Wh).

Net Consumer	Net Generator
500 kWh Consumed	700 kWh Supplied
- 200 kWh Supplied	- 500 kWh Consumed
300 kWh Charged	- 200 kWh Credit

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### Getting Connected and Enrolling in NEM

To apply to have your system connected to our power network and enroll in NEM, your contractor will need to complete and submit the Interconnection Request (IR) at [sce.com/NEM](http://sce.com/NEM).<sup>1</sup>

#### When you apply for Interconnection and NEM

We will ensure that:

- Your system is safe to operate and will not impact power network operation.<sup>2</sup>
- Our field personnel are aware your property contains a self-generating power system that is exporting electricity to our power network.

#### Time Frame for Connecting to Our Power Network

An application for a standard solar generating system can typically receive permission to operate (PTO) within 30 calendar days from the time your contractor initially submits an application.<sup>3</sup> More complex projects require a longer time frame to complete the interconnection process.

### What Should You Keep in Mind?

The current successor NEM 2.0 program is in effect and the following will be needed:

- Selection of a Time-of-Use (TOU) rate option or default to Schedule TOU-D-4-9PM, with highest rates from 4 p.m. – 9 p.m. For TOU rate options, visit [on.sce.com/tousaverates](http://on.sce.com/tousaverates).
- Selection to have any applicable energy charges billed monthly or annually.

For more information or questions about Interconnection or Net Energy Metering, please visit [sce.com/NEM](http://sce.com/NEM) or call us at 1-866-600-6290.

### NEM Successor Tariff (NEM 2.0) Program Highlights

	NEM 2.0
<b>Retail Rate Credit For Export</b>	YES
<b>Tariff Program Grandfathering Period</b>	20 Years
<b>Nonbypassable Charges (NBCs)</b>	Based on the “netted out” quantity of energy consumed in each metered interval*
<b>1 MW-AC System Cap</b>	NO, but the system must be sized to the customer’s onsite load
<b>Interconnection Fee</b>	YES \$75 for systems 1 MW-AC or less \$800 for systems > 1 MW
<b>Mandatory TOU Rates</b>	YES, certain exceptions apply**
<b>Smart Inverters</b>	UL-1741 SA certifications as required by Rule 21
<b>Note:</b> * Calculation of NBCs for MASH-VNM, NEM-V and NEM-Agg are based on each kWh consumed from the grid or Channel 1 (imports only) instead of the net. ** The exception only applies to residential customers who do not have a TOU rate available to them (e.g., master-metered customers served on a DM/DMS rates).	

<sup>1</sup> Standard IR for residential systems 30 kW or less can be submitted after the City/County final permit inspection or at least 30 days prior to the permit inspection. Non-standard IRs should start the application process at least 30 days prior to city/county inspection.

<sup>2</sup> Your solar system installer needs to comply with California’s Electric Rule 21, SCE Electric Service Requirements for your electrical service panel, National Electrical Code<sup>®</sup>, and any applicable local codes and regulations.

<sup>3</sup> An application is deemed valid and complete when all required documentation is received by SCE: signed interconnection agreement, completed application, single line diagram, and signed final inspection from Authority Having Jurisdiction (AHJ). Additional requirements for Consumer Protection may apply. Upon receipt of a valid and complete application, SCE typically issues PTO within 2-3 business days.