

Steps to Take Before Activating Solar Power

1. Submit your solar application to PSEG Long Island for approval.
2. Our meter technician will arrive to install your net meter.
3. Once the solar power system is installed, your contractor must send closeout documents by email to our Power Asset Management (PAM) team at: PAMSolarLI@pseg.com
4. Once your documents are received, PAM will issue a Commercial Operations (COD) Letter, which serves as permission to operate your system.

Frequently Asked Questions

Why do I need a net meter?

A standard electric meter does not register the flow of electricity in two directions.

What if I'm on Balanced Billing when I get solar power?

You may remain on Balanced Billing or cancel it online with My Account or by contacting Customer Service.

Why do I get a bill if my PV system generates more power than I need?

When you have solar power you're still connected to the electric system, which serves as a 24/7 backup to your PV system. Every month, you'll receive some power from the electric system, like at night. Your bill will include any excess power credits and a daily service charge for your connection to the electric system.

What if I Have a Time-of-Use Rate?

Each Time-of-Use period has its own *Energy Credit Bank*. Excess generation during a "Peak" period is credited to the "Peak" period energy bank, and can only offset future "Peak" period usage. Similar energy banks are created for other periods. **"Peak" and "Off Peak" energy banks cannot be combined.**

Still Have Questions?

Please call our Energy Efficiency Infoline at 1-800-692-2626.

Quick Tips

- Only your solar contractor can provide solar production reports.
- If there is an outage affecting power in your area, you will also lose power unless your solar PV system includes a battery backup. This is for safety - it would be dangerous to have power flowing into the electric system while crews are working on repairs.
- PSEG Long Island is transitioning to the use of net meters with Smart Meter technology for new meters and replacement of existing meters. In addition to measuring the flow of electricity in two directions, other benefits include the ability to read meters remotely and to measure usage at different times of the day for customers with time-of-use rates.

Contact Information

PSEG Long Island

- www.psegliny.com/efficiency
- Customer Service: 1-800-490-0025 (Mon - Fri 8 a.m. - 8 p.m.)
- Energy Efficiency Infoline: 1-800-692-2626
- Power Asset Management Department: 516-949-7004

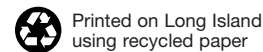
New York State

- www.ny-sun.ny.gov



www.psegliny.com
1-800-692-2626

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Harnessing the power of
the sun and the electric grid.

Solar Power and Net Metering



Solar Power Systems and the Electric System Work Together

Most solar photovoltaic (PV) systems in New York are connected to the local utility's electric system. This connection provides two benefits:

First, there will be times when you'll need power from the electric system, like on a cloudy day or when there's snow covering your solar panels.

Second, at times when your PV system is generating more power than you need, the excess power flows into the electric system and earns you "energy credits" that will reduce future bills.

This works through a process called "net metering."

Net Metering

A solar customer is a buyer and a supplier of electricity. You're a buyer at night – or on days with reduced sunlight - when the electric system provides power to you. You're a supplier when your PV system is generating more power than you need and the excess flows into the electric system.

Measuring the flow of electricity in two directions requires a "net meter." Its meter reading goes forward when you're buying electricity or backward when you're supplying it.

You'll receive a PSEG Long Island bill every month based on your "net consumption" of electricity, measured in kilowatt hours (kWh).

There's a bill even in months when you've produced more power than you used because of the basic service charge that covers the cost of your 24/7 connection to the electric system.

Net Consumption
The difference between the amount of electricity you've used and the amount your PV system generated. It's measured at each meter reading.

Your Energy Credit Bank

In months when you generate excess power, you earn credits that are added to your Energy Credit Bank, which will appear on your bill. Credits are used to lower future bills.

The first bill example below shows a month with excess power - for each excess kilowatt-hour (kWh) generated, a credit is added to the bank. The second example shows a month when not enough power was generated - credits in the bank from previous months are withdrawn to reduce the bill.

Electric Usage		Reading
Meter #12345678		
Actual reading on 07/02/2018		01009
Actual reading on 06/01/2018		-01107
Total electricity used in 31 day(s)		-98
Applied to Energy Bank	98	
Billed kWh	0	

ENERGY CREDIT BANK

Opening Balance	992
Applied from Current Bill	98
Energy Credit Balance	1,090

1 kWh = 1 energy credit
Each excess kWh you generate in a month earns you one energy credit.

Electric Usage		Reading
Meter #12345678		
Actual reading on 07/02/2018		00675
Actual reading on 06/01/2018		-00463
Total electricity used in 31 day(s)		212
Applied from Energy Bank	-212	
Billed kWh	0	

ENERGY CREDIT BANK

Opening Balance	659
Applied to Current Bill	-212
Energy Credit Balance	447

Savings in the Bank

For PV systems installed after January 1, 2018

Any new credits at the end of each month are added to your Energy Credit Bank throughout the year. Credits are withdrawn automatically to reduce your charges in months when you used more power than you generated.

As of 2018, this process is scheduled to remain in effect for 20 years from when you start net metering.

Applies only to residential and small commercial (Rate 280) customers.

For PV systems installed before January 1, 2018

Credits are handled based on a 12-month contract year, which ends on your annual "net meter reconciliation" date (established on the day the net meter is installed).

For 11 months, any new credits at the end of each month roll over into the credit bank to reduce future bills. After 12 months, any remaining credits in your bank are converted to a monetary value based on the "SC-11 Buy Back Rate," which is the actual cost to purchase power in New York's competitive electricity wholesale markets. The money is applied to your account, the bank is reset to zero and the next 12-month period begins. You'll get the most value from credits when reconciliation happens in the month with the credits in the bank – typically around February.

As a courtesy, you may request a **one-time** change to your reconciliation date. Choose the month for a new reconciliation date and contact us when that month's bill arrives. The meter reading date in that month will be the new reconciliation date.

