



How do I read my new electric bill?

After going solar, it is important that you know the basics of the Net Metering billing structure to ensure you are reading your utility bills correctly. See <http://www.njcleanenergy.com/renewable-energy/programs/net-metering-and-interconnection> for more information about **Net Metering**.

During the day, when your solar panels are producing, your system may create more energy than your home can consume. This excess electricity is pumped back into the grid to be routed to other homes in your area. This means your utility will credit your account for that energy (this is shown as **Kilowatt Hours Out** on your electric bill).

At night, those same credits are used to cover the cost of any electricity you receive from the utility grid when your solar panels are no longer producing energy (i.e. when the sun is down or obscured). This means at the end of each month, you are only billed for your "net" amount of energy used—the difference between how much energy you produced and how much energy you pulled from the grid. If you have left over (excess) electricity, it will be listed on your electric bill as a **Banked KWH Credit**.

Your **ANSI-C12 Solar Meter** (monitoring is available at the customer portal) measures the solar energy that your system produces. It does NOT know how much electricity you consume or over produce. The purpose of this meter is to measure how much solar energy is produced in order to register that energy for the creation of SRECs on PJM-EIS GATs <https://www.pjm-eis.com/>. For every 1000 kWh of solar energy your system produces (regardless of whether you consume it or send it to the grid), you are entitled to generate one (1) SREC. Don't worry; we manage this whole process for you as part of our program.

Your **Utility Meter** only measures two things: (1) the electricity sent to your home and (2) the excess energy your panels produce and send back through the grid. Your Utility Meter will **NEVER** match your ANSI-C12 Solar Meter.

Your Net Metering Monthly Cost Equation:

$$\text{Utility Bill} = \text{Amount of grid electricity used (Kilowatt Hours Metered)} - \text{Amount of excess energy produced (Kilowatt Hours Out)}$$

Understanding Your New Bill

Once you go solar, your bills will look different. You will see two main measurements on your bill:

1. Electricity you have used from the utility company (Kilowatt Hours Measured)

Feb 06, 2017 KWH Reading (Actual): 8,446
 Jan 07, 2017 KWH Reading (Actual): 7,867
 Kilowatt Hours Metered: 579
 (8,446 MINUS 7,867)

KILOWATT HOURS BILLED 421
 (Kilowatt Hours Metered of 579 MINUS
 Kilowatt Hours Out of 158)

2. Electricity you have given back to the utility (Kilowatt Hours Out)

Feb 06, 2017 KWH Reading (Actual): 3,482
 Jan 07, 2017 KWH Reading (Actual): 3,324
Kilowatt Hours Out: 158
 (3,482 MINUS 3,324)

Account Summary		Amount Due
Previous Balance		80.52
Payments/Adjustments		-80.52
Balance at Billing on Feb 09, 2017		0.00
JCP&L - Consumption		65.03
Amount Due by Feb 24, 2017		\$65.03
Usage Information for Meter Number		
Feb 06, 2017 KWH Reading (Actual)		8,446
Jan 07, 2017 KWH Reading (Actual)		7,867
Kilowatt Hours Metered		579
KILOWATT HOURS BILLED		421
Feb 06, 2017 KWH Reading (Actual)		3,482
Jan 07, 2017 KWH Reading (Actual)		3,324
Kilowatt Hours Out		158
Feb 06, 2017 Banked KWH Credit		0
Jan 07, 2017 Banked KWH Credit		0
Charges From JCP&L		
When contacting an Electric Generation Supplier, please provide the following		
Customer Number:		
Rate: Residential Service JC_RS_01D		
Customer Charge		2.98
Basic Generation Service	82 KWH x 0.007927	0.65
	339 KWH x 0.008230	2.79
	421 KWH x 0.096033	40.43
Delivery Service Charges	82 KWH x 0.003293	0.27
	339 KWH x 0.002271	0.77
	421 KWH x 0.040713	17.14
Current Consumption Bill Charges		65.03

At the end of each billing year (12 months from when you received permission to operate) you will receive your true-up bill, a bill that summarizes your cumulative charges and credits combined. If your **Banked KWH Credit** is positive, you will receive a credit from the utility company.