



## Solar Interconnection FAQ's ≤ 20 kW Residential Systems

A solar system will help to offset your electric usage when it is producing power. During the night, and on some overcast days, you will still draw electricity from NPU. If your system is sized beyond the needs of your daytime usage, the excess generation will be pushed back to the NPU grid, which we purchase from you at the wholesale rate. To harness all production from your panels in the case of excess generation, you will need to incorporate a storage solution to your system.

### Is a customer permitted to push excess energy back to the NPU grid?

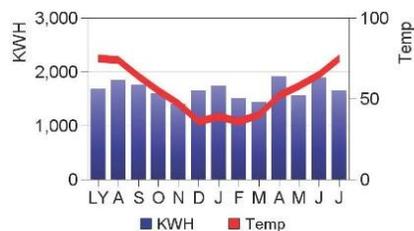
Yes. Excess generation is paid back to the customer at the wholesale rate set by ISO New England. Monthly rates are shown on the ISO-NE website ([iso-ne.com](http://iso-ne.com)). Excess generation is paid back monthly, in the form of a bill credit.

### How is excess energy calculated?

Excess generation kwh x wholesale kwh rate = bill credit amount

Next read on or about: 07/31/2023

#### ELECTRIC



#### DETAIL OF CURRENT USAGE AND CHARGES

ELECTRIC Meter	Current Read	Previous Read	Multiplier	Usage KWH	Service Period	No. of Days	Read Type
E200171	22103	21488	1	615	06/01/2023-07/03/2023	32	Actual
E200171S	14098	13063	1	1035	06/01/2023-07/03/2023	32	Actual

#### Rate: ERES

CUSTOMER CHARGE

Rate: ESOLARRES

SOLAR METER CHARGE

ELECTRICITY USED

PURCHASED POWER ADJ

ENERGY EFFICIENCY FUND

ELECTRIC CAPITAL TRACKER

EXCESS ENERGY SALES TO NPU

Electric Total Charges

#### Charges

\$21.23

Charges

\$8.67

\$90.44

\$44.70

\$1.71

\$0.00

\$-35.96

\$130.79

This service period, you used **13% less electric** than last period, and **2% less** than the same time last year. Your average daily use was **51.56 KWH**.

### Does NPU install solar panels?

We do not. The customer is responsible for contacting a solar contractor to determine if solar is appropriate for their home. We do not endorse/recommend any specific solar contractor.

### What insurance limits do you require?

Three hundred thousand dollars (\$300,000) per occurrence and in the aggregate for bodily injury and/or property damage claims where the gross nameplate rating of the facility is less than or equal to an aggregate of 100 kW.

### Is the solar contractor required to install just the meter socket, or do they need to install the meters as well?

NPU will install the meters; the solar contractor will need to provide a utility grade meter socket which needs to be shown on the Single Line Diagram (SLD). Please refer to the Metering Guide and meter rates available on our website for additional information.

### Is it a requirement to have production meters on all projects?

All solar projects require a production meter.

### Who completes the witness testing?

NPU oversees witness testing performed by the installing solar contractor. Witness tests are completed in coordination with the building department's final inspection. Both the homeowner and the installing solar contractor must be present. A rescheduling due to a failed test, or no-show of the customer or solar contractor will result in a re-test fee from NPU.