

Eversource REC Meter Socket Requirements & Customer Self-Certification

I hereby certify that, to the best of my knowledge, the REC meter socket at (service address) _____ is wired and installed according to the following specifications. This system has been installed and shall be operated in compliance with applicable standards.

Meter Socket Wiring Instructions

The socket shall be wired so that the customer's solar generation output is connected to the bottom terminals of the socket (i.e. the "load side" terminals). Where metering current transformers are required, they must be installed with the polarity marks facing the utility billing meter (away from the Solar production panels). The meter socket shall be configured such that the REC meter is only recording the solar production. There shall be no other sources of power, including storage batteries, behind this meter.

Meter Socket Disconnect

A disconnect switch is required on the line (utility) side of the REC meter socket. This disconnect shall be wired in a manner that disconnects only the solar source from the remainder of the customer equipment, i.e. it shall not de-energize the customer's feed from Eversource. Opening this disconnect shall result in the shutdown of the PV system (per IEEE-1547) and de-energize the REC meter socket for maintenance.

Field Checks prior to Meter Installation

The customer's electrician is responsible for all quality and safety inspections related to socket installation prior to setting the solar production meter. This includes checks for short circuits.

Meter Mounting Devices - Customer Owned

For REC Meter installations, the meter mounting device (socket), enclosure, or meter pedestal shall be supplied by the Customer. The socket shall be a ring-less type design, and meet UL requirements.

Meter mounting devices provided by the Customer shall include all necessary parts (fifth terminals, hubs, connectors, etc.), shall remain the property of the Customer, and shall be maintained by the Customer.

A manual lever bypass is required on all three phase and all 320-amp single phase, self-contained meter mounting devices. The block must be provided with a plastic protective shield and flashover barriers between the phases.

Meter Mounting Devices – Installation

The meter mounting devices shall be installed by the Customer approximately five feet above final grade, except where specifically approved otherwise by the Company. It shall be plumb, level, and attached to the finished exterior of the building, or to a suitable pressure treated backboard permanently attached to the building, with screws sufficiently long to extend through the exterior finish and into the sheathing. Rust resistant screws shall be used in damp areas. If the sheathing will not support the installation, other provisions shall be made to ensure a sturdy and stable base for the meter mounting device and the service entrance cable. The Company shall not be liable for

damage to a structure caused by water penetration behind the meter mounting device. Meter mounting device locations must be approved by the Company prior to installation.

All attachments of meter mounting devices should allow for future removal of equipment. Explosive anchors shall not be used.

☐ **Socket Locations**

The solar production meter socket shall be within 10 feet to either side of the Eversource revenue meter socket. Additional requirements are below. Exceptions to these locational requirements must be approved in writing prior to installation by contacting NHDG@eversource.com.

The location must be safely accessible to the Company during normal working hours for reading and servicing the meter. Sufficient wall space and a clear work area of at least three feet in front of the meter, free of shrubbery or other obstructions, shall be provided by the Customer. Generally, meter locations will be on the driveway end of the house to facilitate access. Enclosures shall not be built around meter mounting devices.

The preferred location for all meters is outdoors. The meter location will be chosen to protect the meter from falling ice and snow, heavy amount of water, or other environmental hazards. Meter locations will generally be on the gable end of the house, unless otherwise agreed to in advance by a Company Representative.

When outdoor meter locations are not feasible, meters will be located indoors near the service entrance in a clean, dry, and vibration free location with adequate illumination

When indoor meter locations are not conveniently accessible to Company employees through a public entrance, Customers are requested to provide utility service doors, or keys by which authorized Company employees may gain access to metering equipment.

Inside meter locations may be designated by the Company under the following conditions:

- a. To avoid undue damage to the meter.
- b. Multiple meter installations where a main switch is required on the line side of the meters.
- c. When the Company specifies instrument transformer metering.
- d. Commercial and industrial installations where the meter is readily accessible.

Electric meters must be located a minimum of three feet from natural gas or propane meters, regulators, or vents, and ten feet from gas cylinders and fuel tanks

☐ **REC Meter Identification & Placarding**

The solar production meter socket must be placarded using weather-proof, UV stabilized, fade resistant markings as follows: "SOLAR PRODUCTION METER" or "SOLAR REC METER" (or something similar) to differentiate the meter from the Eversource billing meter.

Customer Certification:

Installation Information

Check if owner-installed

Customer or Company Name (print): _____

Contact Person, if Company: _____

Mailing Address: _____

City: State: Zip Code: _____

Telephone (Daytime): (Evening): _____

Facsimile Number: E-Mail Address: _____

Facility Information

Eversource Meter # _____ Eversource Net Metering Project ID #: _____

Address of Facility (if different from above): _____

City: State: Zip Code: _____

Electrical Contractor Contact Information

Electrical Contractor's Name (if applicable): _____

Mailing Address: _____

City: State: Zip Code: _____

Telephone (Daytime): (Evening): _____

E-Mail Address: _____

License number: _____

I hereby certify that, to the best of my knowledge, the REC meter socket at
(service address) _____
is wired and installed according to the specifications contained in this document. This system has been
installed and shall be operated in compliance with applicable standards

Contractor Signature: _____

Customer Signature: _____

Email or mail all pages of this form and related documents to:

NHDG@eversource.com

Eversource NH - Distributed Generation

780 North Commercial Street, P. O. Box 330, Manchester, NH 03105-0330