

PSE&G Solar Loan Program – Meter and Inspection Requirements

The design of the PV system shall include a meter enclosure for PSE&G to install a meter to measure the total PV system kilowatt-hour output from the inverter(s). This output meter shall be located in close proximity to the customer's revenue meter used for billing purposes. PSE&G will install, own, and read (or telemeter) the meter (there may be exceptions under unusual circumstances, which will be dealt with on a case-specific basis). The currently estimated installed cost of a watt-hour meter is \$254 plus tax. If a remote meter reading device is required, the currently estimated cost is an additional \$110 plus tax, and a monthly fee of \$1.00 for single phase service; the currently estimated cost is an additional \$190 plus tax and a monthly fee of \$2.00 for three-phase service. PSE&G will charge the actual, current costs for these items at the time they are installed. For ratemaking purposes, PSE&G will treat the cost of the meter as a contribution in aid of construction. The BPU's regulations concerning electric meters will apply to all PSE&G-owned meters.

Under PSE&G's metering proposal no electronic communications will be necessary for all residential and non-hourly metered commercial customers. Hourly customers have existing interval meters with communications and the solar system meter will also have communications installed. Remote meter reading devices will be required for customers that currently have their meters read remotely and for those projects for which PSE&G determines that remote meter reading is necessary. PSE&G will be responsible for telephone line maintenance over the life of the loan. PSE&G will work with the developer and customer to find a reliable and cost effective metering solution. The first 100 feet of communications wire will be provided at no charge (except for atypical conditions). The developer is responsible for any additional cost (i.e., for installations over 100 feet and/or atypical conditions).

The PV system output meter enclosure and metering transformers (if required) shall be furnished by PSE&G for installation by the customer. This equipment must be obtained from the local PSE&G Electric Distribution division office providing service to the customer. A copy of the solar loan commitment letter will be required to obtain the necessary output meter enclosure and any associated equipment.

The PV system installer shall arrange to meet with a PSE&G Wiring Inspector as soon as practicable after the PSE&G engineering review has been completed and the PV system has been approved for interconnection. The name, phone number, and address of the Wiring Inspector will be communicated by the Service Consultant as part of this review process.

The following documents shall be supplied by the PV system installer and are required for review by the PSE&G Wiring Inspector prior to the start of work:

- One (1) copy of an electrical one-line diagram of the entire PV system showing the proposed location of the PV system output meter

PSE&G Solar Loan Program – Meter and Inspection Requirements

- One (1) copy of an enlarged diagram of the PV system output meter wiring and enclosure in accordance with the latest National Electric Code and PSE&G requirements
- Where applicable, three (3) sets drawings of switchgear including enclosures for current transformers. Please refer to additional requirements found in all applicable sections of the [PSE&G “Information and Requirements for Electric Service”](#). PSE&G will not be responsible for financial commitments or equipment purchases that result from a disregard of these requirements
- A completed “Application for Wiring Inspection” (PSE&G Form 432). This form must be submitted to the local PSE&G Electric Distribution division office. The name and location of this office will be provided by your Service Consultant.

The information contained herein is general and subject to change. Please consult your local PSE&G Wiring Inspector for the very latest information.

See also: [PSE&G “Information and Requirements for Electric Service”](#)