



ELECTRIC RULE NO. 31
CUSTOMER-OWNED METER SOCKET ADAPTER DEVICES

Sheet 1

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APPLICABILITY: This Rule is applicable to all customer-owned meter socket adapters which, due to their location between customers' meter sockets and PG&E's meters, require PG&E personnel or PG&E's authorized agents to perform installation, removal, or related services on the meter socket adapter device (each, a "Device"). This Rule shall apply to PG&E's entire service territory for single meter socket panels in residential settings, and shall exclude all non-residential (commercial and non-residential) and multi-family units (apartments) or other similar living establishments. Multi-socket panels are also excluded.

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Meter socket adapters may only be installed on single meter socket panels in residential settings of 240 volts and 200 ampacity or less with a form 2S meter socket configuration.

A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS

1. DEVICE ELIGIBILITY

All Devices, which may or may not provide electrical isolation capabilities, shall be installed and maintained in a manner determined by PG&E to be in full compliance with all utility practices, Part 3 of Title 24 of the California Code of Regulations (California Electric Code), all applicable utility rules and tariffs including but not limited to Rule 21 and PG&E's Electrical and Gas Service Requirements Manual (Greenbook), and all other applicable federal, state, and local safety and electrical codes, standards, and ordinances.

All Devices installed pursuant to this Rule shall have successfully demonstrated that they meet each applicable requirement set forth in PG&E's testing and evaluation process for electrical isolation devices as described in AL 6687-E and Resolution E-5194 which may include deployment of the Device pursuant to a testing pilot agreement. Any Device installed during a pilot period shall be governed by this tariff upon the pilot's conclusion. PG&E will post and update, as needed, a list of each Device approved for installation pursuant to this Rule on PG&E's online portal ("Portal"). Only Devices on the approved Device list on the Portal are eligible for installation.

Unless expressly provided herein, nothing in this Rule shall change or interfere with PG&E's administration and application of its other applicable tariffs for provision of electric utility service to the customer, including disconnection pursuant to applicable PG&E Electric Rules. Commission decisions, and implementation of Public Safety Power Shutoff (PSPS) events.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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2. APPLICANT ELIGIBILITY

Any current PG&E residential electric retail customer or authorized agent of a current PG&E residential electrical retail customer may apply for service under this Rule, subject to the further eligibility requirements below.

Each Device may have Device-specific limitations on where it may be installed, which will be shared with Portal users. This Device is limited for single meter socket panels in residential settings, and excludes all non-residential (commercial and non-res) and multi-family units (apartments) or any other similar living establishments. Multi-socket panels are also excluded.

Meter socket adapters may only be installed on single meter socket panels in residential settings of 240 volts and 200 ampacity or less with a form 2S meter socket configuration.

3. DEVICE INSTALLATION REQUIREMENTS

Applicants seeking to request installation under the provisions of this Rule shall agree to satisfy the following requirements once the Device is connected to PG&E's meter:

a. Only PG&E personnel and/or PG&E's authorized agents are permitted to remove or reinstall a PG&E meter. Not Applicants, their agent, or any non-PG&E third-party may access, or otherwise breach the seal surrounding PG&E's electric meter. If installation of the Device requires removal of the PG&E meter, removal and reinstallation of the meter must be performed by PG&E or PG&E's authorized agents. In some instances, PG&E or its agents may also install the Device.

b. Applicants must submit a completed Electric Form 79-1226 through PG&E's Portal requesting the installation of the Device. In instances where a third-party submits the application on behalf the Applicants, the application must also include Electric Form 79-1227, authorizing the third-party to act as the Applicants' agent.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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3. DEVICE INSTALATION REQUIREMENTS (Cont'd.)

c. The Applicants, or authorized agent on the Applicants' behalf, shall pay PG&E a one-time fee for the cost of providing support, including reasonable administration, time, and materials, for removal of the PG&E meter to enable installation, removal, or related service of the Device. Any additional support or services required or requested will be charged an additional one-time fee for each site visit.

1. Fees shall be based upon the cost of service using approximations of unit rates, average time to provide the service, and program administration.

2. This fee may vary based on Device or service provided.

3. Fees are subject to change or modification as the California Public Utilities Commission (CPUC) may direct from time to time in the exercise of its jurisdiction.

4. Fees will be listed in the Portal.

d. Installation, operation, and maintenance of the Device shall include appropriate control and protection equipment as specified by PG&E.

e. The Applicants and their Agents are responsible for ensuring appropriate clearances for the installation of the Device, including but not limited to:

1. The meter socket must be readily and safely accessible for installation of the device.

2. All appropriate working spaces and clearances around electric meters, gas meters, and other devices outlined in PG&E's Electric and Gas Service Requirements Manual (Greenbook) must be adhered to.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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3. DEVICE INSTALATION REQUIREMENTS (Cont'd.)

e. The Applicants and their Agents are responsible for ensuring appropriate clearances for the installation of the Device, including but not limited to: (Cont'd.)

3. CLEARANCES: If a hazardous condition exists or any of the required clearances between existing PG&E equipment and any object becomes impaired under any applicable laws, ordinances, rule, or regulations of PG&E or public authorities, then the following applies:

a. CORRECTIVE ACTION: Applicants shall, at their expense, either correct the access or clearance infractions or pay PG&E its total estimated cost to relocate its facilities to a new location which is acceptable to PG&E. Applicants shall also be responsible for the expense to relocate any equipment which Applicants own or maintain. Failure to comply with corrective measures within a reasonable amount of time may result in discontinuance of service.

4. Some meter sockets may be ineligible for a meter socket adapter due to their configuration, design, placement, or other consideration.

f. Upon request, Applicants shall provide PG&E with evidence of all applicable inspections, releases, and other authorizations from each authority having jurisdiction over the installation of the Device (e.g. County, City, or other applicable permitting agency) prior to PG&E arriving on site to facilitate the Device installation.

g. PG&E reserves the right to determine in its sole discretion that installation of the Device at a particular premises would require or create a deviation from applicable standards ensuring safety due to the existing configuration or condition of the service equipment located at the Applicants' premises. In such cases, PG&E agrees to work in good faith with the Applicants to determine whether equipment reconfiguration or relocation, at the Applicants' expense, will allow for installation of the Device consistent with all applicable tariffs and standards.

h. Only one meter socket adapter may be installed at each meter.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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4. DEVICE OPERATION AND MAINTENANCE REQUIREMENTS

- a. Devices with electrical isolation features shall be configured to automatically enable the electrical isolation of an Applicants' premises upon detecting an outage of the distribution system, and to reconnect to the distribution system only upon detecting that service has been restored on the distribution system.
- b. Devices with electrical isolation features shall not be configured to enable the control of electrical isolation by any third party. Applicants may continue to operate separate components located behind the meter in the same manner as if they were installed without the Device.
- c. Applicants have sole responsibility for the maintenance of their Device, including any hardware updates, configuration, or other changes, including firmware changes. PG&E has no obligation with respect to the operation or maintenance of a Device.
- d. Any maintenance of a Device which requires its removal must involve an on-site, qualified PG&E technician who will first remove the PG&E meter to allow a third party to perform maintenance. Requests to enable maintenance must also be electronically submitted to PG&E through the Portal and Applicants or Applicants' agent will pay a one-time fee to PG&E pursuant to Electric Form 79-1226.
- e. Once a Device is installed, PG&E reserves the right to require the installation of, or modification to, equipment determined by the PG&E to be necessary to facilitate the delivery of reliable electric service to its customers.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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5. CURTAILMENT AND DISCONNECTION

a. Safety

1. Devices must allow for PG&E to manually override a connection or disconnection setting in order to allow the utility to physically connect or disconnect a distributed energy resource to or from the grid to ensure personnel, system, and public safety. PG&E may use any means necessary to override the Device to ensure personnel, system, and public safety, including removal.
2. If at any time PG&E determines that the continued operation of the Device may endanger the Company's electric system, operations, or employees, or have an adverse effect on PG&E's obligation to safely and reliably deliver power to other customers consistent with its tariffs, PG&E shall have the right to disconnect the Device from the Company's electric system at the customer's expense.
3. PG&E shall not be liable for damage to the Device caused by PG&E due to overriding its operation or disconnecting the Device pursuant to the foregoing provisions, unless the damage is caused by PG&E's negligence or willful misconduct.
4. PG&E shall not be liable, directly or indirectly, for permitting or continuing to allow an attachment of the Device or for the acts or omissions of the Applicants or Applicants' agent that cause loss or injury, including death, to any third party.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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5. CURTAILMENT AND DISCONNECTION (Cont'd)

b. Prevention of Interference

1. The Applicants shall comply with Rule 2 requirements, as applicable, and not operate equipment that superimposes a voltage or current upon PG&E's system that interferes with PG&E's operations, service to its customers, or PG&E's communication facilities. Such interference shall include, but not be limited to:

a. Overcurrent

b. Voltage imbalance

c. Abnormal waveforms

d. Harmonics or superimposed frequencies

2. If such interference occurs, the Applicant must diligently pursue and take corrective action at their own expense after being given notice and reasonable time to do so by PG&E.

3. If the Applicants do not take timely corrective action or continue to operate the equipment causing interference without restriction or limit, PG&E has the right, without liability, to disconnect the Applicants' equipment from PG&E's system.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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5. CURTAILMENT AND DISCONNECTION (Cont'd)

c. Unapproved Installation

If a Device is discovered at a customer's premise where an unauthorized party removed and reinserted PG&E's meter to allow installation, PG&E will promptly remove the Device, whether or not it is on the approved Devices list. If it is an approved Device, the customer will be informed of the Portal through which reinstallation may be requested. If the Device is not on the approved Device list, the installer may have their access to PG&E's Portal revoked until such a time as they demonstrate a commitment to Rule adherence. In either instance, as described in Rule 17.2, PG&E may recover the associated costs resulting from the unauthorized use from the installer or customer including, but not limited to, investigative and equipment damage costs. If a pattern of behavior emerges, PG&E may utilize any applicable options defined in Rule 11 to ensure compliance and safety.

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A. CUSTOMER OWNED METER SOCKET ADAPTER GENERAL REQUIREMENTS (Cont'd.)

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6. RELEASE AND INDEMNIFICATION

a. By applying for and accepting service pursuant to this Rule, Applicants agree to indemnify, defend, and hold harmless PG&E from any and all damages, losses, claims, and actions, including, without limitation, reasonable attorneys' fees and costs, and all expenses incidental to, based upon or arising out of damage to property or injuries to persons in any way arising out of or related to the Device, its installation, and/or its removal (including removals and re-installations to enable Applicant maintenance), except to the extent that such damages, losses, claims, or actions are directly caused by the negligence or willful misconduct of PG&E.

1. Pursuant to Resolution G-3561 of the CPUC, the foregoing provision shall be where services under this Rule are provided to governmental agencies to limit the scope of the indemnity to claims caused by the negligent or intentional acts or omissions of the governmental agency.

b. Not by inspection, if any, non-rejection, nor in any other way, does PG&E give any express or implied warranty as to the adequacy, safety, or other characteristics of any structures, equipment, wires, appliances, or devices owned or maintained by the Applicants, including without limitation the Device, generating facility, and any structures, equipment, wires, appliances, or devices appurtenant thereto.

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B. DEFINITIONS

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1. APPLICANT

An Applicant may be the PG&E customer residing in or owning the premises where the Device is or will be installed and any subsequent owner of that premises if the Device remains installed after the sale of the premises or a tenant moves out. An application may be submitted on behalf of the Applicant by the Applicant’s agent, per Section 3.c.

2. PORTAL

PG&E’s Your Projects portal available at www.yourprojects-pge.com

3. METER SOCKET ADAPTER (“DEVICE”)

A device that sits between the customer’s meter socket and PG&E’s meter and enables the installation of a distributed energy resource or resources including, but not limited to, solar, battery, electric vehicle, etc. A Device may or may not provide automatic electrical isolation capabilities. These are also sometimes called meter collars or meter adapters.

4. RESIDENTIAL CUSTOMER

Class of customers whose dwellings are single-family units, multi-family units, mobile homes, or other similar living establishments (see “Residential Dwelling Unit” and “Residential Hotel”). A customer who meets the definition of a Residential Customer will be serviced under a residential rate schedule if 50% or more of the annual energy use on the meter is for residential end uses. (see “Mixed Use”).

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