

State of California

1.16.3 Net Metering

Net metering is a debit and credit metering process in an account in which the customer owns and operates a qualified generating device that interconnects with the Power Company’s electrical facilities. Interconnection requirements vary from system to system; contact the Power Company at (888) 221-7070 to determine the requirements for interconnection prior to acquiring equipment.

Customers requesting net metering service shall complete and submit an *Interconnection Agreement for Net Metering Service* (and the included *Appendix A, Application for Net Metering Interconnection*), available at www.pacificpower.net/ESR.

State-approved types of generators and kW limits are also available at this website.

Local and/or other applicable government inspection authorities must approve the net metering design prior to installation, and must approve the installation of the customer’s parallel generation system prior to energizing.

1.16.4 Inverters for Net Metering

Inverters for net metering shall be UL (Underwriters’ Laboratories) 1741-approved and shall meet IEEE (Institute of Electrical and Electronics Engineers) Standards 929 and 1547.

If the generating unit is solar-based, the unit must also meet the IEEE (Institute of Electrical and Electronics Engineers) standard 929-2000, *Utility Interface of Photovoltaic (PV) or Solar Systems*.

California Net Metering Electric Service Requirements

Electric tariff	California Schedule NEM-35
Manual disconnect (single-phase) switch at meter?	Yes. The manual disconnect switch shall be clearly visible from the electric meter, accessible, and located within three feet of the meter base. The customer also must affix a permanent sign adjacent to the meter base and disconnect switch noting “Parallel Generation on Site” and identifying the manual disconnect switch with the words “Manual Disconnect for Parallel Generation.” The sign shall be of sufficient durability to withstand the environment involved.
Manual disconnect (three-phase) switch at meter?	Yes. The manual disconnect switch shall be clearly visible from the electric meter, accessible, and located within three feet of the meter base. The customer also must affix a permanent sign adjacent to the meter base and disconnect switch noting “Parallel Generation on Site” and identifying the manual disconnect

	switch with the words “Manual Disconnect for Parallel Generation.” The sign shall be of sufficient durability to withstand the environment involved.
Government electrical codes inspection and approval required?	Yes, prior to interconnection.
Total net metering kW allowed on Pacific Power’s California system	This information will be noted when state-mandated limit is approached.
Customer generator kW limit	1000 kW
Who installs and pays for net meter?	Pacific Power installs meter but customer pays if replacement of existing meter is necessary.
Renewable energy generator types authorized by state	Solar, wind, solar-wind hybrid, biogas, fuel cell.