

Customer Requirements Customer-Owned Generation

C-MR-0015

Application

This standard contains Tacoma Power requirements for the installation of customer-owned generation of 2,000 kW or less. If the customer-owned generation is over 100 kW DC, New Services Engineering may require a systems impact analysis.

General Requirements

Customers are responsible to meet the following conditions during the installation for their interconnected generation system. For questions, please call Tacoma Power Customer Energy Programs (253) 502-8363 or email bizrebates@cityoftacoma.org.

For customer-owned generation in the City of Tacoma downtown core area (secondary network system), see C-SV-4000 "Customer Requirements, Downtown Secondary Network Service" and contact Central Business District Engineering.

Applications, Agreements

Customer shall sign and submit the following prior to installation:

- Application for Interconnecting a Generating Facility
 - Interconnection Agreement
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Equipment Requirements

- Customer owned equipment shall be permitted, installed, and inspected per local, state and national codes.
 - Billing Meter, Production Meter and Safety Disconnect shall be permanently labeled as such.
 - Safety Disconnect shall be of the visible break, blade-type switch in a metal enclosure that enables padlock locking in the "open" position.
 - Production Meter and Safety Disconnect shall be co-located, within sight of the Billing Meter and accessible to Tacoma Power personnel at all times.
 - All meter sockets shall meet all requirements of C-MR-0005 "Customer Requirements, Meter Socket Configurations".
 - If a battery backup is part of the design see recommended one-line diagram. Contact Tacoma Power Customer Energy Programs for other options.
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Permitting

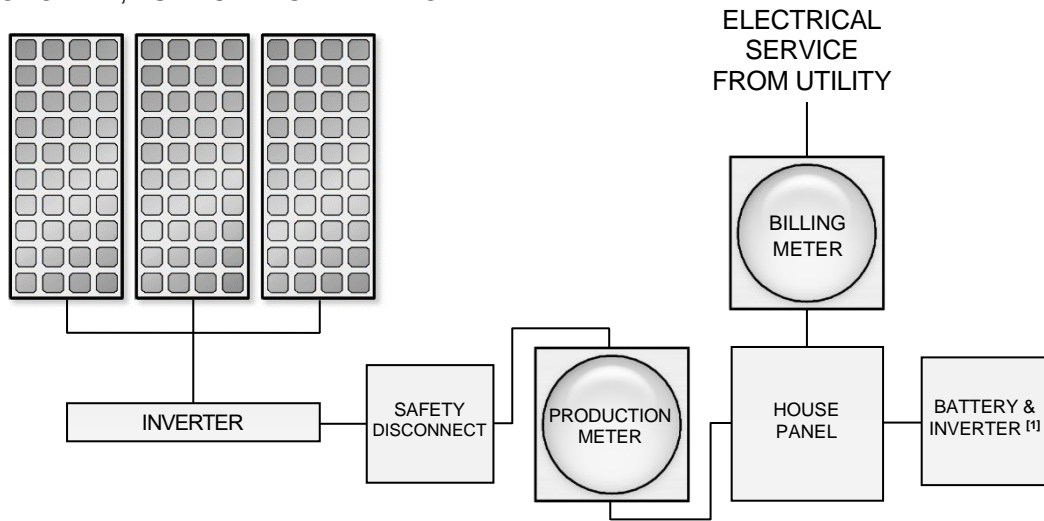
- The electrical permit holder shall be available at the time of the electrical inspection to give access to the entire interconnected generation system and at the time the Production Meter is set.
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One Line Diagram

CUSTOMER OWNED SOLAR, WIND,
 HYDROPOWER, FUEL CELL GENERATION



^[1] Recommended configuration for battery backup allows production meter to record generation only.