



Permit # \_\_\_\_\_

Building Department  
1000 Laurel Street  
Milton, WA 98354  
Phone: 253-922-8738

### CITY OF MILTON

## SOLAR INTERCONNECTION APPLICATION

[www.cityofmilton.net](http://www.cityofmilton.net)

**#1 CUSTOMER INFORMATION (please print)**

APPLICANT NAME \_\_\_\_\_ DATE \_\_\_\_\_

MAILING ADDRESS \_\_\_\_\_

PHONE \_\_\_\_\_ EMAIL ADDRESS \_\_\_\_\_

**#2 - INSTALLATION INFORMATION (please print)**

COMMERCIAL INSTALLATION

RESIDENTIAL INSTALLATION

SITE ADDRESS \_\_\_\_\_

SOLAR INSTALLER (Business Name) \_\_\_\_\_

BUSINESS ADDRESS \_\_\_\_\_

PROJECT LEAD NAME \_\_\_\_\_ PHONE \_\_\_\_\_

PROJECT LEAD EMAIL ADDRESS \_\_\_\_\_ ENERGY SOURCE (wind, solar) \_\_\_\_\_

RATED FACILITY OUTPUT kW (DC SYSTEM SIZE) \_\_\_\_\_ NUMBER OF PHASES \_\_\_\_\_

PANEL MANUFACTURER \_\_\_\_\_

MODEL NUMBER \_\_\_\_\_

INVERTER MANUFACTURER \_\_\_\_\_

MODEL NUMBER \_\_\_\_\_ VOLTAGE OUTPUT \_\_\_\_\_

BATTERY STORAGE MANUFACTURER \_\_\_\_\_

BATTERY SIZE (kW) \_\_\_\_\_ BATTERY USAGE (kWh) \_\_\_\_\_ # OF BATTERIES \_\_\_\_\_

**THE PRODUCTION METER WILL NOT BE PROVIDED BY THE CITY OF MILTON & SHOULD BE SUPPLIED BY THE APPLICANT**

**#3 - ADDITIONAL INFORMATION REQUIRED**

A) All required electrical permit(s), review and inspection(s) must be obtained from Tacoma Power YES  NO

B) PV modules are listed and labeled with a fire classification in accordance with UL 1703 YES  NO

C) PV system is designed and proposed for a detached single family house or detached accessory structure that is in compliance with IRC codes YES  NO

D) The installation shall meet the requirements of the International Residential Code (IRC) or International Building Code (IBC) as amended by Washington State YES  NO

E) Rooftop mounted PV panels or modules shall have the same fire classification as the required assembly. YES  NO

F) The installation shall comply with the manufacturer's instructions YES  NO

- G) Rooftop is made from lightweight material such as a single layer of composition shingles, metal roofing, or cedar shingles YES  NO
- H) Roof and wall penetrations shall be flashed and sealed to prevent entry of water, rodents, and insects YES  NO
- I) The PV system is designed for the wind speed of the local area, and will be installed per the manufacturer's specifications YES  NO
- J) Total dead load of modules, supports, mountings, raceways and all other appurtenances weigh no more than four pounds per square foot. **Provide documentation of product weights with the permit application** YES  NO
- Enter the total dead load of system (lbs/sq ft): \_\_\_\_\_
- K) Modules are mounted no higher than 18" above the surface of the roofing to which they are affixed YES  NO
- L) Modules on pitched roofs do not exceed the highest point of the roof unless approved by the City of Milton YES  NO
- M) Supports for solar modules are installed to spread the dead load across as many roof-framing members as needed to ensure that no point load exceeds fifty (50) pounds YES  NO

Comments:

**#4 - SUBMIT THIS APPLICATION AND SITE PLAN TO:**

**CITY OF MILTON  
 1000 LAUREL STREET  
 MILTON, WA 98354  
 PHONE: 253-922-8738**

APPLICANT SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

APPLICANT NAME (please print) \_\_\_\_\_

**CITY APPROVAL**  
 NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
 SIGNATURE: \_\_\_\_\_



## Customer Requirements Customer-Owned Generation

**C-MR-0015**

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### 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.

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### 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](mailto: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

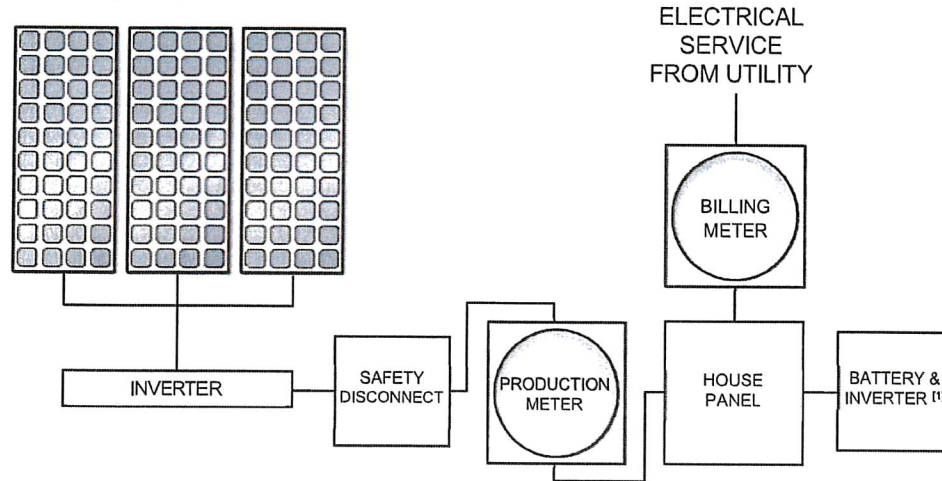
- The electrical permit holder shall be available at the time of the electrical inspection to give access to the entire interconnected generation system and at the time the Production Meter is set.

Customer Requirements  
 Customer-Owned Generation

**C-MR-0015**

**One Line Diagram**

CUSTOMER OWNED SOLAR, WIND,  
 HYDROPOWER, FUEL CELL GENERATION



<sup>[1]</sup> Recommended configuration for battery backup allows production meter to record generation only.