

ORCAS POWER AND LIGHT COOPERATIVE

INTERCONNECTION APPLICATION

FOR INSTALLATION OF MEMBER-OWNED, GRID-CONNECTED, ALTERNATE- ELECTRIC GENERATING FACILITY

Homeowner/Member Information

Name: _____ OPALCO Account #: _____ Date: _____

Mailing Address: _____

Installation Address (if different than above): _____

Contact Phone #: _____ Site Phone #: _____

E-mail: _____ FAX #: _____

Alternate Electric Facility Information (required)

Energy Source: Photovoltaic (Solar) Micro Hydro Wind Other

Interconnect Type: Net Meter Buy/Sell

Solar PV Type

System Capacity: _____ kW Estimated Yearly Generation: _____ kWh

Solar Module Manufacturer: _____ Model No. _____

Quantity of Solar PV Modules: _____ Solar Module Made in WA Yes No

Type of Array Mounting: Fixed Tracking Roof Ground

Inverter Manufacturer: _____ Model No. _____

Quantity (inverters): _____ Power Rating: _____ Voltage: _____ UL 1741 Listed: Yes No

Batteries (if applicable) Manufacturer: _____ Model No. _____

Quantity (batteries): _____ Voltage: _____ Total Amp/hour Rating: _____

Wind Turbine

System Capacity: _____ kW Estimated Yearly Generation: _____ kWh

Estimated Average Wind Speed at Location (if known): _____ mph.

Wind Turbine Manufacturer: _____ Model No. _____

Rated Power Output, Watts: _____ at _____ mph Wind Speed.

Inverter Manufacturer: _____ Model No. _____

Quantity (inverters): _____ Power Rating: _____ Voltage: _____ UL 1741 Listed: Yes No

Turbine Blades Made in Washington State? Yes No

Micro Hydro

System Capacity: _____ kW Estimated Yearly Generation: _____ kWh

Head: _____ ft. Flow _____ gal/min Pipe Size: _____ Pipe Length: _____

Turbine Manufacturer: _____

Control Manufacturer: _____ Inverter Manufacturer: _____
Model No. _____ Voltage: _____
Operating Power Factor: _____ Proposed Capacity: _____

Other Qualified Alternate –Electric Generating Facility: _____

Please Describe: _____

System Designer & Installation Contractor Information

Design/Installation Contractor: _____

Contractor's License #: _____ E-mail: _____

Address: _____

Phone #: _____ Mobile #: _____ FAX #: _____

Electrical Contractor: _____ Contractor's License #: _____

Address: _____

Phone #: _____ Mobile #: _____ FAX #: _____

Electrical Work Permit #: _____

Date Approved for Service: _____ Proposed Installation Date: _____

IMPORTANT: The following items must accompany this application:

- Single-line electrical drawing
- Property site sketch or drawing, indicate the location of the electric meter and disconnect switch.
(Applicable permit drawings may be used.)
- Directions to the site if not straight forward and found on Google Maps
- \$100 Application Fee
- Signed Agreement for Interconnection

Owner Acknowledgement (initial each line)

_____ I certify that the above information is correct. I understand that interconnection is subject to the terms described in OPALCO Member Service Policy 14 and the Interconnection Standards and that OPALCO must pre-approve the installation of the member's parallel generation system prior to construction.

_____ I will allow a representative of Orcas Power & Light Cooperative and/or a State Electrical Inspector to verify and approve system installation and capacity.

_____ I understand that to participate in either the Washington State Renewable Energy Production Incentive and/or the OPALCO MORE Production Incentive, I must purchase from OPALCO and have installed an AMI production meter.

Signature of Member: _____ Date: _____

Return all documents to **OPALCO Energy Services, 183 Mt. Baker Rd. Eastsound, WA 98245**