



Application for Interconnection a Generation Facility (up to 100 kW)

This Application is considered complete when it provides all applicable and correct information required below. Additional Information to evaluate the Application may be required. For details on any item below, please refer to the Customer Checklist for Utility Interconnection which was included in Application Packet. Submit a signed copy of this Application (including all required attachments) by mail, email, or FAX to:

PUBLIC UTILITY DISTRICT NO. 1 of PEND OREILLE COUNTY
P.O. BOX 190
130 N. WASHINGTON AVENUE
NEWPORT, WASHINGTON 99156-9530
EMAIL: service@popud.org; FAX: 509-447-0190

Engineering Fee

An initial non-refundable engineering fee must accompany this application (\$50.00). Additional fees may be required at the District's discretion. If you have questions regarding this Application or its status, contact Lisa Curry by email at lcurry@popud.org or by phone at 509-447-3137.

APPLICANT INFORMATION – Use name as appears on the Utility's bill.

Customer Name: _____ Account Number: _____

Customer Address: _____

Phone Number: _____ Email Address: _____

Project Contact Person (if different than above): _____

Project Person Phone Number: _____ Email Address: _____

Provide names and contact information for other contractors, installers, or engineering firms involved in the installations of the generating facilities:

GENERATING FACILITY INFORMATION

Prime Mover: *Photovoltaic* ____, *Reciprocating Engine* ____, *Fuel Cell* ____, *Turbine* ____, *Other* ____

Energy Source: *Solar* ____, *Wind* ____, *Diesel* ____, *Gas* ____, *Fuel Oil* ____, *Fuel Cell (elements)* __

Other (describe) _____

System Design Capacity: _____ (kW) _____ (kVA)

Generator/Panel Manufacture: _____ Model No: _____ Qty: _____

Inverter Manufacture: _____ Model No: _____ Qty: _____

Nameplate Rating: _____ (kW) _____ (kVA)

Single-Phase: _____ Three phase: _____

Is equipment UL1741 Listed (Yes/No) _____ If yes, attached copy of manufacturer's specification and UL1741 standard.

Will the Generation Facility export power? Yes No If yes, how much? _____

Adequate documentation and information must be submitted with this application to be considered complete. Typically this should include the following:

1. Single-line diagram of the customer's system showing all electrical equipment from the generator to the point of interconnection with the Utility system, including generators, transformers, switchgear, switches, breakers, fuses, voltage transformers, and current transformers.
2. Control drawings for relays and breakers.
3. Site Plans showing the physical location of major equipment.
4. Relevant ratings of equipment. Transformer information should include capacity ratings, voltage ratings, winding arrangements, and impedance.
5. If protective relays are used, settings applicable to the interconnection protection. If programmable relays are used, a description of how the relay is programmed to operate as applicable to interconnection protection.
6. For certified equipment, documentation confirming that a nationally recognized testing and certification laboratory has listed the equipment.
7. A description of how the generator system will be operated including all modes of operation.
8. For inverters, the manufacturer name, model number, and AC power rating, Operating Manual or link to manufacturer's web site containing such manual.
9. For synchronous generators, manufacturer, model number, nameplate ratings, and impedance data (X_d , X'_d , & X''_d).

10. For induction generators, manufacturer and model number, nameplate ratings, and locked rotor current.

11. All of the electrical wiring in an interconnection generation is to be listed and/or tested by a State of Washington recognized testing and certification laboratory or qualified licensed professional organization to ensure that the design and implementation of the elements connected to the electrical power system operate as required. Typically this is seen as "Underwriters Laboratories (UL)" listed and with associated related Institute of Electrical and Electronic Engineers (IEEE) Standards, while also having met the technical standards specification of the Customers Instruction Standards Policy. The Utility at its sole discretion can have an interconnection generation re-tested for proper certification and/or approval, whose cost will be absorbed by the Applicant when improper or questionable certification is substantiated through the re-test process.

SPECIAL TERMS AND CONDITIONS

A negotiated contract will contain Special Terms and Conditions, subject to final approval by the Board of Commissioners.

CUSTOMER SIGNATURE

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true.

Applicant Signature _____

Date _____

Printed Name _____

Title _____