

Issued: November 25, 2013

Effective: January 1, 2014

WN U-60

Attachment "A" to Schedule 150, Page 1

PUGET SOUND ENERGY, INC.

**SCHEDULE 150
CUSTOMER GENERATOR OWNED FUEL CELL, SOLAR, WIND, BIOGAS,
COMBINED HEAT AND POWER OR HYDROPOWER ELECTRIC
GENERATING FACILITIES OF 100 KILOWATTS OR LESS**

Application and Agreement for Interconnection, Net Metering and/or Production Metering

This application and Agreement for Interconnection, Net Metering and/or Production Metering (the "Application and Agreement") is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application and Agreement may be required. Certain terms in this Application and Agreement are defined in Schedules 80, 150 and 151 of the Company's Electric Tariff G and have the same meaning when used in this Application and Agreement unless the usage clearly indicates otherwise. This Application and Agreement may be submitted to PSE by mail, E-mail or facsimile, see section VI for addresses and numbers. **Notice:** Voltage at the point of interconnection may be routinely at the upper limits of the range described in WAC 480-100-373 and this may limit the ability of a generating facility to export power to PSE's electric system.

A non-refundable application fee must accompany this Application and Agreement:

Inverter-based Generating Facilities of 0 kW to 100 kW	\$ 0.00
Non-Inverter-based Generating Facilities of 0 kW to 25 kW	\$100.00
Non-Inverter-based Generating Facilities of greater than 25 kW	\$500.00

Additional fees may apply.

Date: _____

I. INTERCONNECTION CUSTOMER / OWNER DATA

Please provide information on the PSE Account where the Interconnection will occur:

PSE Account Holder Name: _____ (Should match with PSE statements)

Alternate Contact: _____ (If different from the account holder
e.g. business point of contact or spouse/partner)

PSE Account #: _____ (12 digits)

PSE Meter #: _____ (e.g. U123456789) where Interconnection will occur

Interconnection Service Address: _____ Mailing Address: (Same as Service Address)

City: _____ City: _____

State: Washington State: _____

Zip: _____ Zip: _____

Email Address: _____

Best Telephone Number: (_____) _____

Additional Telephone Number: (_____) _____

PUGET SOUND ENERGY, INC.

Fax Number: () _____

- Community Solar Project
- This is an LLC

Project name: _____

Name of Administrator: _____

Telephone Number: () _____

Mailing Address: _____

Administrator must provide the name and address of each owner or member prior to receiving Incentive Payment. If required by PSE, the Administrator must also provide the PSE account numbers for each owner or member.

II. PROJECT BACKGROUND

Installation Application	Building Type	Do you own the property?
<input type="checkbox"/> Existing Building <input type="checkbox"/> New Construction	<input type="checkbox"/> Residence <input type="checkbox"/> Commercial Structure	<input type="checkbox"/> Yes <input type="checkbox"/> No

The electrical permit number, issuing jurisdiction, and estimated date of complete Generating Facility inspection must be provided prior to meter installation.

Is the Generating Facility owner-installed? Yes _____ No _____

Please provide installer/designer information (if applicable):

Company Name: _____

Contact: _____ E-mail Address: _____

Mailing Address: _____

Office Telephone Number: () _____ Contact Cell Phone Number: () _____

The Interconnection Customer must notify the Company that the Generating Facility has been installed and inspected in compliance with local building and electrical codes. A Certificate of Completion will be accomplished by electronic mail and include the following text:

"I certify that the Generating Facility located at _____ has been installed and inspected in compliance with local building and/or electrical codes. I have obtained electrical permit number _____ from the following electrical authority, _____ and passed electrical inspection on _____"

The Company must review and approve the installation prior to Interconnection. Approval of the Certificate of Completion will be accomplished by electronic mail.

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III. SYSTEM INFORMATION

SOLAR PV

Solar Panel / Module	Manufacturer: _____ Model: _____ Number of Modules: _____ Wattage per Module (W): _____ Total array wattage (kW)*: _____ Using a UL 1703 listed module? <input type="checkbox"/> Yes <input type="checkbox"/> No
Inverter	Using a UL 1741 listed inverter? <input type="checkbox"/> Yes <input type="checkbox"/> No (If No, complete questions below re: non-synchronous inverter on Page 4.) Manufacturer: _____ Model Number: _____ Maximum Rated Output*: _____ Please check the appropriate inverter output voltage: <input type="checkbox"/> 120V 1φ (120 volt single phase) <input type="checkbox"/> 240V 1φ <input type="checkbox"/> 120/208V 1φ <input type="checkbox"/> 120/208V 3φ <input type="checkbox"/> 277/480V 3φ <input type="checkbox"/> Other _____
Back-up Generator	<input type="checkbox"/> Yes (If Yes, show battery in system schematic.) <input type="checkbox"/> No
Battery Back-up	<input type="checkbox"/> Yes (If Yes, show battery in system schematic.) <input type="checkbox"/> No

Estimated total cost of solar installation. (optional) \$ _____

***A visible break disconnect switch may be required, see section VII. for additional information.**

**For solar PV installations using UL listed modules and inverters, please skip to:
 "IV. PROJECT AGREEMENTS" on page 6.**

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WIND TURBINE, MICRO-HYDRO, FUEL CELL, BIO-GAS, OTHER (circle one)

<p>Micro-Hydro Turbine</p>	<p>Manufacturer: _____ Model: _____ Nameplate Data: _____</p>
<p>Wind Turbine Blades</p>	<p>The wind turbine blades were manufactured in Washington? <input type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, please provide make and model.) Manufacturer: _____ Model: _____</p>
<p>Generator (Micro-Hydro, Wind, Fuel Cell, Bio-Gas, CHP-Combined Heat and Power, Other)</p>	<p>Manufacturer: _____ Model: _____ Nameplate Data: _____ Voltage: _____ Frequency: (if applicable) _____ Maximum Output: Watts: _____ or kW: _____ Operating Power Factor (if applicable) _____ Regulator: _____ I am planning to conduct an engineering report on the wind turbine? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>Inverter</p>	<p>Using a UL 1741 listed inverter? <input type="checkbox"/> Yes <input type="checkbox"/> No (If No, complete questions below re: non-synchronous inverter on page 5.) Manufacturer: _____ Model Number: _____ Maximum Rated Output*: _____ Please check the appropriate inverter output voltage: <input type="checkbox"/> 120V 1φ (120 volt single phase) <input type="checkbox"/> 240V 1φ <input type="checkbox"/> 120/208V 1φ <input type="checkbox"/> 120/208V 3φ <input type="checkbox"/> 277/480V 3φ <input type="checkbox"/> Other _____</p>
<p>Back-up Generator</p>	<p><input type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, show generator in system schematic.)</p>
<p>Battery Back-up</p>	<p><input type="checkbox"/> No <input type="checkbox"/> Yes (If Yes, show battery in system schematic.)</p>

***A visible break disconnect switch may be required, see section VII. for additional information.**

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If you will not be using a UL 1741 listed synchronous inverter, complete the following table and questions and attach appropriate documentation:

- A. Protection Equipment: List (or attach) relay manufacturer, type and trip setting used to monitor each of the following to protect against back-feeding into a de-energized PSE power system*:

	Relay Manufacturer	Model	Trip Setting
Overcurrent			
Frequency			
Voltage			

- B. Protection Against Back-feeding:

- o Attach or describe the protection against back-feeding into a de-energized PSE power system: _____

- o Include manufacturer, type and trip setting of relays: _____

* Upon review of this information, PSE may require further information to ensure power quality and safety concerning interconnection to the distribution grid.

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IV. PROJECT AGREEMENTS (Please check all that apply)

- I have provided a system schematic for this facility, including the following:
 - Solar modules (or generator)
 - Inverter(s) (or power quality and protection devices)
 - External locking visible break disconnect switch (if applicable)
 - Production meter (if applicable) – showing the correct polarity line and load and distance from service meter
 - Connection to the structure's electrical service panel
 - Service/Net Meter
 - Batteries and back-up generation (if applicable)

- I agree to the terms and conditions of Schedule 80 regarding Interconnection (including those of Attachment E – Net Energy Metering Interconnection Agreement)
http://pse.com/aboutpse/Rates/Documents/elec_sch_080.pdf

- I agree to the terms and conditions of Schedule 150 regarding Net Metering (continued service under this Application and Agreement is contingent upon the availability of and eligibility for Schedule 150)
http://pse.com/aboutpse/Rates/Documents/elec_sch_150.pdf

- I agree to the terms and conditions of Schedule 151 regarding Production Metering (continued service under this Application and Agreement is contingent upon the availability of and eligibility for Schedule 151)
http://pse.com/aboutpse/Rates/Documents/elec_sch_151.pdf

- I agree to the terms of Section VII, Disconnection – Disconnect Switch, and understand that if I choose to not install a visible-break disconnect switch my Electric Service may be disconnected without notice.

- I am requesting service meter aggregation and understand the requirements and monthly service charge reflected in Schedule 150. Additional meter to be credited: _____

I agree to pay the following applicable production meter installation charge(s)*.

- 2S uni-directional meter = \$83 (additional meter = \$60 each)
- 2S bi-directional meter = \$363 (additional meter = \$330 each)
- 12S uni-directional meter = \$129 (additional meter = \$106 each)
- 12S bi-directional meter = \$404 (additional meter = \$371 each)
- 16S uni-directional meter = \$268 (additional meter = \$244 each)
- 1S uni-directional meter = \$107 (additional meter = \$85 each)

*The production meter charge is a one-time charge that appears on the Customer's bill following meter installation. Most Customers will see a one-time charge of \$83 on their bill for a production meter. Commercial Customers with three phase service, Customers with battery back-up, or Customers with back-up generators, may see higher charges for advanced (bi-directional) meters or multiple meters depending on their installation.

- I agree to allow the disclosure of personal information by PSE relative to the Renewable Energy Production Incentive Payment Program to the Department of Revenue, as required for the processing of the Incentive Payment.

- I agree to allow the disclosure of personal information by PSE relative to Interconnection with PSE to my system installer, as may be required to assist in the safe, reliable and adequate operation of my Generating System.

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V. TERMS

Capitalized terms in this Application and Agreement shall have the meanings specified in Schedules 80, 150 and 151 of the Company's tariff. Each of the Customer-Generator and the Company is sometimes in this Application and Agreement as a "Party"; both the Customer-Generator and the Company are sometimes referred to in this Application and Agreement as the "Parties".

- A. This Application and Agreement shall be in effect when complete, signed and delivered by the Customer-Generator or Administrator to PSE and signed by the Company. After receipt of a complete Application and Agreement the Company will acknowledge receipt by delivery of a copy of the Application and Agreement that has been signed by the Company. Such delivery may take place by (i) personal delivery, (ii) by United States postal service, (iii) by recognized courier service, (iv) by UPS, FedEx or similar service, (v) by facsimile transmission, or (vi) by electronic mail in Adobe Portable Document Format (PDF). It is advised that the sender have delivery made with delivery confirmation requested from the delivery service. The Application and Agreement shall remain in effect following the Company's signature unless terminated by either Party on thirty (30) days' prior written notice. This Application and Agreement shall terminate on the date that the Customer-Generator or Administrator is not eligible for service under Schedules 150 or 151, as applicable, or no longer eligible under Schedule 80. When the Company notifies the Customer-Generator that the Application and Agreement is incomplete, the Customer-Generator shall return a completed Application and Agreement within fifteen (15) business days or the Application and Agreement is void, unless the Company has granted an extension in writing.
- B. This Application and Agreement shall not apply to any of Customer-Generator's electrical service location(s) other than that served by the Generating Facility except if the Customer-Generator chooses to aggregate the Generated Energy with an Aggregated Meter(s).
- C. This Application and Agreement is subject to the General Rules and Provisions as set forth in the Company's Electric Tariff G, Schedule 80, and to Schedules 150, 151 and other schedules that may apply. Such schedules may be revised from time to time upon approval of the Washington Utilities and Transportation Commission. Any conflict between this Application and Agreement and any provisions of the Company's approved tariffs and rate schedules shall be resolved in favor of such tariff and schedule provisions. Terms defined in Schedules 80, 150 and 151 of the Company's Electric Tariff G have the same meaning when used in this Application and Agreement unless the usage clearly indicates otherwise.
- D. This Application and Agreement shall in all respects be interpreted, construed and enforced in accordance with the laws of the State of Washington (without regard to any conflict of law rules) or federal law, as appropriate, as if executed and to be performed wholly within the State of Washington. Venue of any action arising hereunder or related to this Application and Agreement shall lie in King County, Washington.
- E. All obligations of the Parties arising pursuant to this Application and Agreement which may reasonably be construed as surviving the completion, termination, or cancellation, shall survive the completion, termination or cancellation of this Application and Agreement and shall be and remain fully enforceable in accordance with the terms and conditions of this Application and Agreement.

PUGET SOUND ENERGY, INC.

- F. Except as otherwise provided herein, this Application and Agreement, including all exhibits hereto and Schedules 80, 150 and 151 of the Company's tariff and attachments to the Company's tariff, sets forth the entire agreement between the Parties. After receipt of a completed Application and Agreement the Application and Agreement may not be modified or amended except by written amendment, signed by both Parties hereto. The failure of any Party at any time or times to require performance of any provision hereof shall in no manner affect the right at a later time to enforce the same. No waiver by any Party of the breach of any term or covenant contained in this Application and Agreement, whether by conduct or otherwise, shall be deemed to be a further or continuing waiver of the same or any similar breach.
- G. The Parties hereto are independent contractors and shall not be deemed to be partners, joint venturers, employees, franchisees or franchisers, servants or agents of each other for any purpose whatsoever under or in connection with this Application and Agreement.
- H. This Application and Agreement and all of the terms and provisions of this Application and Agreement shall be binding upon and inure to the benefit of the respective successors and assigns of the Parties; provided, that Customer-Generator shall not assign all or any part of this Application and Agreement (or assign any of its rights under this Application and Agreement or delegate performance of any of its obligations under this Application and Agreement) without the prior written consent of the Company, which consent the Company may withhold in its sole discretion.
- I. Nothing in this Application and Agreement shall be construed to create any duty, obligation or liability to, or any standard of care with reference to any person or entity, other than the Parties (and their respective successors and assigns, subject to this section).

VI. NOTICES AND OTHER COMMUNICATIONS

All notices, requests, demands and other communications required or permitted to be given under this Application and Agreement shall refer to the Service Address and be given in writing (i) by personal delivery, (ii) by recognized overnight air courier service, (iii) by United States postal service, postage prepaid, registered or certified mail, return receipt requested, (iv) by facsimile transmission, using facsimile equipment providing written confirmation of successful complete transmission to the receiving facsimile number, or (v) by electronic mail, including documents scanned in Adobe Portable Document Format with a read receipt requested. All notices to either Party shall be made to the address set forth below. Any notice shall be deemed to have been given on the date delivered, if delivered personally by overnight air carrier service or by facsimile transmission; or, if mailed, shall be deemed to have been given on the date shown on the return receipt as the date of delivery; or if by facsimile as of the date following documented completion of transmission; or if by electronic mail as of the date of the read receipt.

Addresses for Notification: If to Company: Addresses for Notification below. If to Customer, Customer-Generator or Administrator: shall be the applicable name and address as contained in this Application and Agreement.

Puget Sound Energy, Inc.
P.O. Box 97034 (EST-10E)
Bellevue, WA 98009-9734
Attn: Net Metering
Tel. (425) 456-2419
FAX (425) 456-2706
Email: netmetering@pse.com

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VII. DISCONNECTION – DISCONNECT SWITCH

The Customer-Generator operating a Generating Facility of 25 kW or less (unless required by the Washington state Department of Labor and Industries) is not required to install a disconnect switch on the Customer-Generator's side of the Point of Common Coupling if the Customer-Generator is operating an inverter-based UL[®] 1741 certified system Interconnected through a self-contained socket-based meter of 320 amps or less. The Customer-Generator may choose to (i) install an lockable exterior UL[®] approved visible-break disconnect switch which meets Company standards and is capable of fully disconnecting the Generating Facility from the Company's system, or (ii) agree that the Company has the right to disconnect electric service through other means if the Generating Facility must be physically disconnected for any reason, without liability to the Company. This agreement constitutes a waiver of the Customer's rights of notice as provided in WAC 480-100-128(3). The Company shall provide reasonable advance notice to a Customer-Generator before any scheduled disconnection, or reasonable notice after an unscheduled disconnection. Such notices or disconnection may be provided in writing, electronically or voice or text by telephone. Disconnection through other means may involve removal of the Customer-Generator's electric service meter and loss of electrical service from the Company and wear and tear on the Customer-Generator's meter base. In addition, the outage for the Customer-Generator and Customers served from the same transformer (if physical disconnection is made at the transformer) may be longer than it would otherwise would have been had a disconnect switch been installed.

Customer-Generators that (i) have a Generating Facility of greater than 25 kW, or (ii) are not operating an inverter-based UL[®] 1741 certified system, are required to install an external UL[®] approved visible-break disconnect switch that (i) meets the Company standards (ii) is wired between the inverter and the production meter base and (iii) is lockable with a PSE padlock.

VIII. PSE TRANSFORMER – GENERATING FACILITES LARGER THAN 25 KW

For Generating Facilities larger than 25 kW the PSE transformer needs to be appropriately sized to handle all back-feed. For more information, please request a copy of the latest revision of the PSE Standard, PSE-ET-160.50, Interconnection Standards. A dedicated service transformer and interconnection protection devices are required when generation capacity is (i) greater than 25 kW, and (ii) engineering, safety or reliability studies establish the need for a dedicated service transformer, and (iii) the generating system does not use a a UL[®] 1741 inverter. For a generation system that is (i) greater than 25 kW, and (ii) utilizes a UL[®] 1741 inverter, and (iii) engineering, safety or reliability studies establish the need for a dedicated service transformer, the Company may require a dedicated service transformer.

Issued: November 25, 2013

Effective: January 1, 2014

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Attachment "A" to Schedule 150, Page 10

PUGET SOUND ENERGY, INC.

Interconnection Customer Signature

Customer-Generator, by signing below certifies that, to the best of my knowledge, the information provided in this Application and Agreement is true and correct. By signing below, the Customer-Generator agrees to abide by the General Rules and Provisions in Schedule 80 regarding interconnecting a Generating Facility.

IN WITNESS WHEREOF, the Parties have caused this Application and Agreement to be executed by their duly authorized representatives as of the date below.

This final Application and Agreement is effective as of the last date set forth below.

CUSTOMER-GENERATOR: (matches PSE account holder name)	PUGET SOUND ENERGY, INC.:
Signature:	Signature:
Print Name:	Print Name:
Title:	Title:
Date Signed:	Date Signed:

PUGET SOUND ENERGY, INC.

Attach one-line schematic:

System Diagram Guide:

