

Sixth Revision of Sheet No. 150  
Canceling Fifth Revision  
of Sheet No. 150

WN U-60

**PUGET SOUND ENERGY, INC.**  
**Electric Tariff G****SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**  
(Rider to standard rate schedules 7 through 49)**AVAILABILITY:**

1. This schedule applies to Customer-Generators who operate a Net Metering System with a capacity of not more than 100 kW and enter into an Application and Agreement for Interconnection, Net Metering and/or Production Metering, ("Application and Agreement") in the form attached to this schedule. For a Generating Facility with capacity greater than 25 kW, the Customer-Generator shall reimburse the Company the costs of a dedicated service transformer and interconnection protection devices are required, except in a system utilizing a UL@ 1741 inverter where, the Company, in its sole discretion, may require a dedicated service transformer and interconnection protection devices.
2. A Customer-Generator Generating Facility shall be used primarily to offset part, or all, of the Customer-Generator's electricity requirements.
3. Service under this schedule shall be limited to 22.3 MW of cumulative nameplate generating capacity available on a first come, first-served basis to eligible Customer-Generators of which no less than 11.15 MW of cumulative nameplate generating capacity shall be attributable to Net Metering Systems that use as fuel either solar, wind, hydroelectric power, or biogas from animal waste. Additionally, without additional studies, service under this schedule, combined with all other generation on the same individual line section, is limited to fifteen percent (15%) of the line section's annual peak capacity and the Company may restrict or prohibit new or expanded service on any line section if an engineering, safety or reliability study establishes a need for such restriction or prohibition. (l)  
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(C)
4. Service under this schedule is limited to Customer-Generators who are, as Customers, eligible to take service under Schedules 7 through 49 of this tariff.
5. Availability of service under this schedule is subject to rules adopted by the Washington Utilities and Transportation Commission, including any rules adopted as a result of RCW 80.60.404(2) and the provisions of Schedule 80, including attachments to Schedule 80.
6. The Customer requesting service under this schedule must be the Customer-Generator and the Interconnection Customer unless the Company, in its sole judgment accepts another qualified party as the Customer-Generator and/or Interconnection Customer.
7. The Company will not provide wheeling or transmission service for Customer Generator. The Customer Generator's Generated Energy will be applied to consumption on the Customer-Generator's Premises or aggregated with an Aggregated Meter(s).
8. The Net Metering System shall be located on the Customer Generator's Premises, except in the case of Community Solar Projects. Should the location of the Net Metering System be transferred to another electric utility, service under this schedule shall terminate on the date of such transfer and all contracts entered into to implement this schedule, or for interconnection shall be null and void.

**DEFINITIONS:** See definitions section on Sheet 150-i.**MONTHLY RATES:** The monthly rates in the rate schedule under which the Customer-Generator would normally be served absent the Customer-Generator owned generation shall apply as follows:**Issued:** November 25, 2013  
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By:



Ken Johnson

**Title:**

Director, State Regulatory Affairs

Ninth Revision of Sheet No. 150-B  
Canceling Eighth Revision  
of Sheet No. 150-b

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**PUGET SOUND ENERGY, INC.**  
**Electric Tariff G**

**SCHEDULE 150****NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS (Continued)**

(Rider to standard rate schedules 7 through 49)

**TERMS AND CONDITIONS:**

1. **COSTS** – The Customer Generator shall pay for designing, installing, inspecting, operating, and maintaining the electric Generating Facility in accordance with all applicable laws and regulations and shall comply with the Company's Interconnection Standards and all technical standards set forth in WAC Chapter 480-108.

The Customer-Generator shall reimburse the Company for all costs associated with any required upgrade or modification to the distribution system (including the service line or transformer) if (a) Customer-Generator's output exceeds Customer-Generator's demand in the absence of the generation and (b) the existing line transformer and service line is not rated for the Generating Facility's output. If the Generating Facility's output exceeds 25 kW and where engineering, safety or reliability studies establish the need, the Customer-Generator is also responsible for costs associated with the following which the Company in its sole discretion may require, (a) any required upgrade or modification of an existing interconnection protection device or, (b) installation of interconnection protection devices or, (c) the installation of a dedicated service transformer.

(N)

(N)

(C)

Customer Generator shall pay for the Company's standard watt-hour meter electrical hook-up, if not already present.

The Customer Generator shall reimburse the Company for any and all losses, damages, claims, penalties, or liability the Company incurs as a result of Customer Generator's failure to obtain or maintain any governmental authorizations and permits required for construction and operation of Customer Generator's Generating Facility or failure to maintain Customer Generator's Generating Facility.

2. **SAFETY** – All equipment necessary to meet all applicable safety, power quality, and interconnection requirements shall be provided, installed, and maintained by the Customer-Generator. Such requirements include those established by the National Electrical Code (Articles 690 and 705), National Electrical Safety Code, the Institute of Electrical and Electronics Engineers, Underwriters Laboratories, and the Company's Net Metering Interconnection Standards. Such facilities shall be of types and characteristics acceptable to the Company, as reflected in this Schedule and the attached Application and Agreement. The Customer-Generator is responsible for costs associated with any future upgrade or modification to its Generating Facility which may be required due to future modifications in the Company's system or changes in safety, power quality and interconnection requirements.

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**PUGET SOUND ENERGY, INC.  
Electric Tariff G**

**SCHEDULE 150**

**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS (Continued)**

(Rider to standard rate schedules 7 through 49)

- 3. PARALLEL OPERATION – Customer Generator shall not commence parallel operation of the Generating Facility until written approval of the Interconnection facilities has been given by the Company; the Company has installed the necessary metering and tested the protective equipment installed by the Customer Generator. Such approval shall not be unreasonably withheld. The Company shall have the right to have representatives present at the initial testing of Customer Generator’s protective apparatus. Customer Generator shall provide the Company with reasonable advance notice as to when testing is to take place. After such approval, the Customer-Generator is responsible for operating its generation system in parallel with the Company’s transmission and distribution system and maintaining its Generating Facility to safety and reliability standards required by the Company or by any entity having jurisdiction over the Company or the operation of the Company’s electrical system. Customer-Generator shall obtain all governmental authorizations, licenses and permits needed for the construction and operation of the Generating Facility.
- 4. INTERCONNECTION REQUIREMENTS – The Customer-Generator’s Generating Facility must meet the Company’s interconnection requirements, as reflected in the attached Application and Agreement between the Customer-Generator and the Company, including, but not limited to, the ability to separate the Customer-Generator’s Generating Facility from the Company’s system as described in this schedule and the Application and Agreement.
- 5. DISCONNECTION – The Customer-Generator is responsible for disconnecting its Generating Facility from the Company’s system when the Company so requests for reasons of safety and system reliability. The Company may require the Customer-Generator to interrupt or reduce deliveries when (i) necessary to construct, install, maintain, repair, replace, remove, investigate, or inspect any of the Company’s equipment or part of its system; or (ii) the Company determines that curtailment, interruption, or reduction is necessary because of emergencies, force or compliance with prudent electrical practices. The Company, when possible, shall give the Customer-Generator reasonable notice of possible interruptions or reductions that may be required.
- 6. VISIBLE-BREAK DISCONNECT – No disconnect switch is required for any tier 1 Interconnection. A visible-break disconnect switch is required when: (1) the Customer-Generator’s Generating Facility has a capacity greater than 25 kW, or (2) the Customer-Generator’s Generating Facility has a capacity of 25 kW or less and the Electric Service meter for the Customer-Generator has a capacity of greater than 320 amperes or where service is metered using current transformers, or (3) the Generating Facility does not qualify for interconnection under Tier 1 (as described in Schedule 80). The visible-break disconnect switch shall be UL® approved, meet Company standards, and be capable of disconnecting the Generating Facility from the Company’s electric system. All visible-break disconnect switches must be located adjacent to the Company’s electric meter(s) or other location specified by the Company either location must be accessible to the Company at all times and have the capability to be locked, with a padlock installed by the Company, in a position that disconnects the Generating Facility from the Company’s system. Customer-Generators who are not required to install a visible-break disconnect switch and choose not to install the switch acknowledge and agree to the provisions regarding the disconnect switch in Schedule 80 on Sheet 80-bb.2.

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Third Revision of Sheet No. 150-D  
Canceling Second Revision  
of Sheet No. 150-d

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**PUGET SOUND ENERGY, INC.**  
**Electric Tariff G**

**SCHEDULE 150**

**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS (Continued)**

(Rider to standard rate schedules 7 through 49)

7. CAPACITY GREATER THAN 25 kW – The Customer-Generator whose generation capacity is greater than 25 kW and where engineering, safety or reliability studies establish the need, must be served through a service transformer dedicated to providing service only to the Customer-Generator except in a system utilizing a UL® 1741 inverter where such service transformer may be required by the Company. If not existing, the Customer-Generator is responsible for the cost of installing a dedicated service transformer serving the Customer-Generator and the Generating Facility. This Customer-Generator is also responsible for installing Interconnection protection devices according with the latest revision of the Company's Standard, PSE-ET-160.50. Interconnection Standards. (N)
8. DISCONTINUANCE OF SERVICE – Service to the Customer-Generator under this schedule may be discontinued if the Customer-Generator's operations adversely affect the Company's service to other Customers. Customer Generators must follow all applicable electrical safety regulations including those described in this Schedule and in the Schedule 150 Application and Agreement. Failure to follow such regulations or Interconnection of generation with the Company's electrical system without entering into an agreement for such Interconnection may result in a hazardous condition and/or may result in disconnection of Electric Service.

Notwithstanding any other provision of this schedule or any agreement between the Customer-Generator and the Company, if in the Company's sole determination either (i) the Generating Facility may endanger any person or the property of the Company, Customer-Generator, or of any third party, or (ii) the continued operation of the Generating Facility may interfere with or endanger or adversely affect the integrity of the Company's electrical system or operations, or (iii) the continued operation of the Generating Facility would be unsafe or contrary to prudent electrical practices, or (iv) at any time when the Application or Agreement is not in effect, the Company shall have the right to temporarily or permanently disconnect its electric system from the Generating Facility or may interrupt or reduce the flow of energy to or from the Generating Facility. Customer Generator's Generating Facility shall remain disconnected until such time as the Company is satisfied that the condition(s) referenced in this section has been corrected.

Prudent electrical practices means (a) those practices, methods and acts which when engaged in are commonly used in prudent utility engineering and operations to operate electric equipment lawfully and with safety, reliability, efficiency and expedition; or (b) if no such practices, methods and acts exist, then those practices, methods and acts which, in the exercise of reasonable judgment considering the facts known when engaged in, could have been expected to achieve the desired result consistent with applicable law, safety, reliability, efficiency and expedition. Prudent electrical practices are not limited to the optimum practice, method or act, but rather is a spectrum of possible practices, methods or acts.

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