

**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

**DEFINITIONS:**

	(K) (M)
1. Aggregated Meter – a Company electric service meter that is not a Designated Meter, measuring electric energy consumption that is eligible to receive credits under a Meter Aggregation arrangement as described in RCW 80.60.030. A Customer-Generator may aggregate a Designated Meter with one additional Aggregated Meter located on the same parcel as the Designated Meter or a parcel that is contiguous with the parcel where the designated meter is located.	I I (C) (D) I I I (D) I I (C) (N) I I (N) (D) I I I I I I I I
2. Approval to Energize – Written electronic communication provided to the Customer, or installer on Customer’s behalf, after the Company has reviewed and approved the as-built specifications of the system per the approved interconnection application, and completed any inspecting, testing, meter installation and on-site commissioning as needed. This communication will represent final approval and agreement by the Company for the Customer to operate the system as described on their application and for the Company to implement the Net Metering terms of this Schedule. Once an Approval to Energize has been granted, it will apply to the Net Metering System, even if the electric service is transferred to a new customer of the Company. Any modifications to an approved Net Metering System must be reported to the Company and may require the Customer to re-apply to the Company and obtain a new Approval to Energize.	I (D) I I I I I   I I   (D) I I I I I I (N) I
3. Customer-Generator – A Customer that operates a Net Metering System that is Interconnected to the Company’s Electric System as defined in Schedule 152, at a premise where the Customer receives Electric Service from the Company.	I I (C) I I I I I I I (C) I
4. Designated Meter – The Company meter at the service of a Net Metering System, through which the Net Metering System is Interconnected to the Company’s distribution Electric System.	I I (N) I I I   I (K) I   I
5. Meter Aggregation – The administrative combination of billing net energy consumption from a Designated Meter and an eligible Aggregated Meter.	I   I I   I
6. Nameplate Capacity – For a Generating Facility that uses an inverter to change DC energy to AC energy, the Nameplate Capacity will be the manufacturer’s AC output rating for the inverter(s), listed in kilowatts (kW).	I I (D) I   I   (D)
7. Net Metering - Measuring the difference between the electricity supplied by the Company and the excess electricity generated by a Customer-Generator’s Net Metering System over the applicable billing period.	I   I I   I I (N) (D)
(K) Transferred to Sheet No. 150	(M)
(M) Transferred from Sheet No. 150-B	

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**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

**DEFINITIONS** (Continued):

- |   | (K) | (M)     |
|---|-----|---------|
| 8. Net Metering System – a fuel cell, a facility that produces electricity and used and useful thermal energy from a common fuel source, or a facility that generates Renewable Energy, that:   |     |         |
| (a) Has an electrical generating Nameplate Capacity of not more than 100 kW AC;   |     | (C)     |
| (b) Is located on the Customer-Generator’s Premises;  |     | (C)     |
| (c) Operates in Parallel with the Company’s transmission and distribution facilities; and is connected to the Company’s distribution system; and  |     | (C)     |
| (d) Is intended primarily to offset part or all of the Customer-Generator’s requirements for electricity.   |     | (C)     |
| 9. Good Utility Practice – (a) any of the practices, methods, and acts that when engaged in are commonly used in prudent electric utility engineering and operations during the relevant time period to operate and maintain 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 that, 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. Good Utility Practice is not intended to be limited to the optimum practice, method, or act to the exclusion of all others, but rather to be a spectrum of possible practices, methods, or acts. |     | (T) (D) |
| 10. Renewable Energy – energy generated by a facility that uses water, wind, solar energy, or biogas as a fuel.   |     | (N)     |
| 11. Contiguous Parcel – parcels are considered contiguous if they share a common property boundary, but may be separated only by a road or rail corridor.   |     | (N)     |

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**SCHEDULE 150  
NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

**MONTHLY RATES & ADJUSTMENTS:** The rates for Electric Service through the Designated Meter shall be equal to the basic charge in the schedule under which the Customer-Generator would normally receive service. Rates in this schedule are subject to adjustment by such other schedules in this tariff as may apply.

(K) (M) (D)  
| | |  
| | |  
| (M) |  
| (D)

**TERMS AND CONDITIONS:**

- 1. **CALCULATION OF BILLED CHARGES** - As described in RCW 80.60.30, billed charges for kilowatt-hour consumption, and credit for excess kilowatt-hour generation by a Net Metered System, will be calculated in the following manner:
  - a. The Company will measure the net amount of electricity delivered during the billing period. (D) |
  - b. If the electricity supplied by the Company exceeds the electricity generated by the Customer-Generator's Net Metering System and fed back to the Company during the billing period, the Customer-Generator shall be billed for the net electricity supplied by the Company. | |
  - c. If excess electricity generated by the Net Metering System during a billing period exceeds the electricity supplied by the Company during the same billing period, the Customer-Generator will be credited for the excess kilowatt-hours generated during the billing period, making the kilowatt-hours available to offset electricity consumption during following bill periods. | |
  - d. If a Customer-Generator requests, the Company will provide such a Customer-Generator Meter Aggregation under the following additional terms: (D) |
    - i. For a Customer-Generator participating in Meter Aggregation, credits for kilowatt-hours earned by the Customer-Generator's Net Metering System during the billing period first will be used to offset electricity supplied by the Company at the Premise of the Customer-Generator's Designated Meter. (K) |
    - ii. A Customer-Generator may aggregate a Designated Meter with one additional Aggregated Meter, with service to the same Customer-Generator, located on the same parcel as the Designated Meter or a parcel that is contiguous with the parcel where the Designated Meter is located and; | |

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(M) Transferred from Sheet Nos. 150-D and 150-E, respectively

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**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

<b>TERMS AND CONDITIONS:</b> (Continued)	(D)(M)
1.d. (Continued)	I (N)
iii. Credits for excess kilowatt-hours earned by the Net Metering System at the site of a Designated Meter during a billing period will be applied to electricity consumption at the Aggregated Meter during the same billing period.	I I I I (D) I
iv. If credits generated in any billing period exceed total consumption for that billing period at both meters that are part of an aggregated arrangement, excess kilowatt-hours will be available to offset electricity consumption during following bill periods.	(K) I I I I I
v. Credits carried over from one billing period to the next will be applied in subsequent billing periods in the same manner.	I I I I
vi. Meters so aggregated shall not change rate classes due to meter aggregation under this section.	I I (K) I
e. On March 31st of each calendar year, any remaining unused kilowatt-hour credits accumulated during the previous year will be granted to the Company, without compensation to the Customer-Generator.	I I (D) I
f. The owner of a multi-family residential facility may install a Net Metering System assigned to a single designated meter located on the Premises of the multi-family residential facility where the tenants are not individually metered Customers of the Company and distributing any benefits of the Net Metering to tenants of the facility where the Net Metering System is located. The Company will measure the net energy produced and provide credit to the single designated meter to which the Net Metering System is assigned. The distribution of benefits to tenants of such a system, if any, is the responsibility of the owner of the Net Metering System and not the responsibility of the Company.	I I I I I I I I (D) I I I I (N)

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(M) Transferred from Sheet No. 150-E

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**PUGET SOUND ENERGY  
Electric Tariff G**

**SCHEDULE 150  
NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

**TERMS AND CONDITIONS** (Continued): (T)

2. OTHER CHARGES & COSTS – (C)

- a. Application Fee: Beginning January 1, 2020, a fee in the amount of \$1 will be charged for review and processing of Interconnection applications for UL listed, inverter-based systems eligible for Net Metering under this schedule. (N)
- b. Aggregation Set-Up Charge: A one-time charge of \$100 shall be charged to any Customer-Generator using Meter Aggregation under the terms of this schedule. (I)
- c. Excess Site Visit Fee: If the Company arrives at a requested appointment to inspect, test or install equipment for the operation of the Net Metering System and the Customer-Generator has not complied with specifications on the approved application or the Net Metering System is not correctly configured for commissioning, the Customer-Generator may be assessed a charge of \$240. (I)
- d. Costs: (N)
  - i. The Customer-Generator shall pay for the Company's standard watt-hour meter electrical hook-up, if not already present. (T)
  - ii. The Customer-Generator shall reimburse the Company for any and all losses, costs, expenses, damages, claims, penalties, and liabilities the Company incurs as a result of or related to the Customer-Generator's failure to obtain or maintain any governmental authorizations and permits required for constructing and operating the Customer-Generator's Generating Facility or failure to maintain the Customer-Generator's Generating Facility. (D), (D), (T), (K), (C)
  - iii. The Customer-Generator shall pay for designing, installing, inspecting, operating, and maintaining the electric Generating Facility in accordance with all applicable laws and regulations. The Customer-Generator is responsible for costs associated with any future upgrade or modification to its Generating Facility that may be required due to future modifications in the Company's Electric System or changes in safety, power quality, or Interconnection requirements. (I), (C), (T), (I), (K)

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**SCHEDULE 150  
NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS  
(Rider to standard rate schedules 7 through 49)**

**TERMS AND CONDITIONS (Continued):**

3. INDEMNITY AND LIABILITY – The Company shall have no liability (whether arising in contract, tort, strict liability, warranty, or otherwise) for permitting or continuing to allow the Interconnection of the Customer-Generator to the Company’s Electric System. Further, the Company shall not be liable for the acts or omissions of the Customer-Generator that cause loss or injury, including death, to any third party. (D) (M)
- The Customer-Generator assumes the risk of all damages, losses, costs, and expenses and agrees to indemnify the Company, its successors and assigns, and their respective directors, officers, employees, and agents, from and against any and all claims, losses, costs, expenses, liabilities, damages, and penalties caused by or arising out of any electrical disturbance initiated by or migrating through the Customer-Generator’s Generating Facility. The Customer-Generator assumes the risk of all damages, losses, costs, and expenses and agrees to indemnify the Company, its successors and assigns, and their respective directors, officers, employees, and agents, from and against any and all claims, losses, costs, expenses, liabilities, damages, and penalties, including reasonable attorneys’ fees, resulting from the death or bodily injury to any person, including the officers, employees, agents, and subcontractors of either the Customer-Generator or the Company, to the extent arising out of the Customer-Generator’s negligence or willful misconduct. The Customer-Generator waives any immunity, defense, or other protection that may be afforded by any workers’ compensation, industrial insurance, or similar laws (including the Washington Industrial Insurance Act, Title 51 RCW) in connection with any action to enforce the Customer-Generator’s obligations under this Section 10 with respect to any claim arising out of bodily injury (including death) of any employee of Customer-Generator. This Section 10 will not be interpreted or understood as a waiver of Customer-Generator’s right to assert any such immunity, defense, or protection directly against any of its own employees or such employee’s estate or other representatives. (D) (M)
- The provisions of this Section 10 shall not be interpreted as relieving any insurer of its obligations to pay any insurance claims in accordance with the provisions of any insurance policy. (M)
- The Company shall have no liability or responsibility for the Customer-Generator’s electric Generating Facility or its Interconnection with the Company’s Electric System, regardless of what the Company knows or should know about the Customer-Generator’s electric Generating Facility or its Interconnection. The Company shall not be deemed to have any ownership interest in or control of the Customer-Generator’s Generating Facility. (M)

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**SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**  
(Rider to standard rate schedules 7 through 49)

**TERMS AND CONDITIONS** (Continued):

- 4. ACCESS TO PREMISES – The Customer-Generator shall permit the Company to enter the Customer-Generator’s Premises or property to: (D) (M)
  - a. inspect, at all reasonable hours, the Customer-Generator’s Generating Facility’s protective devices; | |
  - b. read any meter; and | |
  - c. disconnect at the Company’s meter or transformer the Generating Facility if, in the Company’s determination, a hazardous condition exists and such action is necessary to protect persons, or the Company’s facilities, or the property of others from damage or interference caused by (i) the operation of the Customer-Generator’s electric Generating Facility, (ii) the lack of properly operating protective devices at the Generating Facilities, or (iii) the facilities are not able to be inspected. | |

The Company’s inspection or other action shall not constitute any approval or endorsement by the Company. The Customer-Generator remains solely responsible for the safe, reliable, and adequate operation of its Generating Facility. | (M)

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(D)

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**SCHEDULE 150  
NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**


(Rider to standard rate schedules 7 through 49)

<b>ELECTRONIC APPLICATION PROCESS:</b> (Continued)	(D)	(N)
2. The Company will review complete applications and respond with either a request for revisions/corrections or Approval to Construct. Once the system installation is complete, including the passage of electrical inspection and finalization of permits obtained through the local electrical permitting jurisdiction, the Customer, or agent on their behalf, will notify the Company.		
3. The Company will test that the system is installed according to the specified plans, and if so install new metering equipment if necessary to execute the billing described in Schedule 150.		
4. The Company will issue Approval to Energize to Customer for the Net Metering System, signifying that Company approves of the system for interconnection and Net Metering under the terms of Schedule 150.		
5. Once issued, an Approval to Energize will apply to the Net Metering System, itself. A new Customer that establishes Electric Service at the Premise of an existing Net Metering System, is not required to apply for Interconnection or obtain a new Approval to Energize for the Net Metering System in order to begin service under the terms of Schedule 150.		
6. Any modifications to an approved Net Metering System must be reported to the Company and may require the Customer to re-apply to the Company and obtain a new Approval to Energize.		
7. For all other systems, including those that qualify for the terms of this Schedule but do not include a UL listed inverter based technology, Schedule 152 Attachment B must be completed and submitted.		
8. The Company is available to assist by telephone with the completion of applications for any Customers unable to utilize the online application.		(N)
<b>GENERAL RULES AND PROVISIONS:</b> Service under this schedule is subject to the General Rules and Provisions contained in this tariff (Schedule 80), as they may be modified from time to time, and to other schedules of the tariff that may from time to time apply to this Schedule.		(M)
		(M)(N)
		(N)
	(D)	

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**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 150**  
**NET METERING SERVICES FOR CUSTOMER-GENERATOR SYSTEMS**

(Rider to standard rate schedules 7 through 49)

**OVERVIEW:** Schedule 150 applies to Net Metering available to electric Customers that generate some or all of their electricity with a fuel cell, a facility that produces electricity and used and useful thermal energy from a common fuel source, or a facility that generates electrical energy using water, solar, wind, or biogas as fuel, in accord with RCW 80.60. Schedule 152 of this tariff and WAC 480-108, having to do with the requirements of Interconnection of a Generating Facility apply to all Net Metering Systems including, but not limited to, those accomplished through the application process described in Schedule 150.

(D)(M)(C)  
	(C)

**AVAILABILITY:**

1. Service under this schedule is limited to Customer-Generators who are, as Customers of the Company, eligible to take service under one of the Schedules for Electric Service numbered 7 through 49 of this tariff and is subject to the provisions of Schedule 152 in this tariff. (D) | (C)
2. This schedule applies to Customer-Generators that operate a Net Metering System and Interconnect, per one of the processes described in this schedule. | (C)
3. A Customer-Generator's Net Metering System must be Interconnected to the Company's distribution system and is intended to offset part or all of the Customer-Generator's electricity requirements. | (C)
4. Service under this schedule shall be limited in accordance with Chapter 80.60 RCW and will be available to eligible Customer-Generators on a first-come, first-served basis, until the earlier of either June 30, 2029 or the first date upon which the cumulative generating capacity of Net Metering Systems equals four percent of the Company's peak demand during 1996 (or 179.2 MW). Not less than one-half of this 179.2 MW available for Net Metering Systems shall be reserved for the cumulative generating capacity attributable to Net Metering Systems that generate Renewable Energy. The Company may restrict or prohibit new or expanded Net Metered Generating Facilities on any feeder, circuit, or network if engineering, safety, or reliability studies establish a need for such restriction or prohibition. | (N)
5. A Customer taking service under this schedule will not be eligible for Schedule 171, Optional Non-Communicating Meter Service. (M)(N)
6. Any Customer-Generator with an existing arrangement for Meter Aggregation entered into prior to July 28, 2019, or any Customer who submits a written request for Meter Aggregation on or before July 1, 2019, may maintain the terms of an aggregation arrangement that is other than a Designated Meter aggregated with one additional Aggregated Meter located on the same parcel or a Contiguous Parcel where the Designated Meter is located. (D) | (N)

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WNU-60 Attachment "A-1" to Schedule 152. Page 1**PUGET SOUND ENERGY**

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**Attachment "A-1" Procedures, Terms & Conditions- Tier 1 Generating Facilities**

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**SCHEDULE 152  
PROCEDURES, AND TERMS AND CONDITIONS FOR INTERCONNECTING  
A CERTIFIED INVERTER-BASED GENERATING FACILITY ELIGIBLE FOR TIER 1 ("TIER 1  
PROCESS")**

- 1.0 The Interconnection of Generating Facilities eligible for Tier 1 and eligible for Schedule 150 as a Net-Metering System requires an application fee and Electronic Application Process described in Schedule 150. For all others, the following requirements apply:
  - 2.0 The Interconnection Customer completes an Application in the form of Attachment B to Schedule 152, and submits it to the Company with the non-refundable application fee.
  - 3.0 Upon receipt, the Company stamps the Application with the date and time of receipt and within five Business Days the Company sends notice of receipt to the Interconnection Customer.
    - 3.01 The Company evaluates the Application for completeness and notifies the Interconnection Customer within 10 Business Days of receipt that the Application is or is not complete and, if not, advises what information is missing.
  - 4.0 The Interconnection Customer must submit all information required for a complete Application or request an extension of time within 15 Business Days of receiving notice from the Company that the Application is incomplete. The Company is not obligated to grant a request to extend time to complete the Application. If the Interconnection Customer does not provide the required information or request an extension of time that is granted by the Company within such 15-Business Day period, the Application expires.
    - 4.01 The Company verifies that the Generating Facility can be Interconnected safely and reliably and in compliance with the technical standards established in WAC 480-108-020 and the Codes and Standards. The Company has 20 Business Days after acceptance of a complete Application to complete the verification process and, based on the results of such verification process, shall accept, accept with conditions, or reject the Application with written justification. For Interconnection Customers who do not complete the application process for Net-Metering Systems outlined in the Electronic Application Process in Schedule 150, the notice shall include the Interconnection Agreement in the form of in Attachment I to Schedule 152. If delays result from unforeseen circumstances, Interconnection Customer variance requests, or other incentive program approval requirements, the Company shall promptly notify the Interconnection Customer.
    - 4.02 The Interconnection Customer must Interconnect and operate the Generating Facility within one (1) year from the date the Company accepts the Application, or the Application expires, unless the Company, in its sole discretion, grants an extension in writing.
  - 5.0 The Interconnection Customer who has not executed an Application via the Electronic Application Process outlined in Schedule 150 executes and returns the Interconnection

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WNU-60 Attachment "A-1" to Schedule 152. Page 2**PUGET SOUND ENERGY**

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**Attachment "A-1" Procedures, Terms & Conditions- Tier 1 Generating Facilities**

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- Agreement (in the form of in Attachment I to Schedule 152) within 30 Business Days of the notice that the Company has accepted the Application and prior to physical Interconnection.
- 6.0 After installation, the Interconnection Customer returns the Certificate of Completion to the Company. Prior to Parallel Operation, the Company will inspect the Generating Facility for compliance with Company standards, the Company's inspection will include a witness test, and the Company may schedule appropriate metering replacement, if necessary.
- 7.0 The Company notifies the Interconnection Customer in writing that Interconnection of the Generating Facility is authorized once the Company has completed its inspection and a witness test (if required). If the witness test is not satisfactory, the Company has the right to disconnect the Generating Facility. The Interconnection Customer has no right to Operate in Parallel until a witness test has been performed or previously waived on the Application. The Company may waive the requirement of a witness test by so indicating on the Application.

**PUGET SOUND ENERGY**

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**Attachment "A-2" Procedures, Terms & Conditions - Tier 2 Generating Facilities**

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**SCHEDULE 152  
PROCEDURES, AND TERMS AND CONDITIONS FOR INTERCONNECTING  
A CERTIFIED INVERTER-BASED GENERATING FACILITY ELIGIBLE FOR TIER 2  
("TIER 2 PROCESS")**

- 1.0 The Interconnection of Generating Facilities eligible for Tier 2 and eligible for Schedule 150 as a Net Metering System requires an application fee and Electronic Application Process described in Schedule 150. For all others, the following requirements apply:
- 2.0 The Interconnection Customer completes an Application in the form of (i) Attachment C to Schedule 152 and submits it to the Company with the non-refundable application fee.
- 3.0 Upon receipt, the Company stamps the Application with the date and time of receipt and within five Business Days the Company sends a notice of receipt to the Interconnection Customer.
- 3.01 The Company evaluates the Application for completeness and notifies the Interconnection Customer within 10 Business Days of receipt that the Application is or is not complete and, if not, advises what information is missing.
- 4.0 The Interconnection Customer must submit all information required for a complete Application or request an extension of time within 15 Business Days of notice from the Company that the Application is incomplete. The Company is not obligated to grant an extension to complete the Application. If the Interconnection Customer does not provide the required information or request an extension of time that is granted by the Company within such 15-Business Day period, the Application expires.
- 4.01 The Company verifies that the Generating Facility can be Interconnected safely and reliably and is in compliance with the technical standards established in WAC 480-108-020 and the Codes and Standards. Within 30 Business Days of notifying the Interconnection Customer that the Application is complete, the Company shall accept, accept with conditions, or reject the Application with written justification. Based on the complexity of the proposed Interconnection, the conditions of acceptance by the Company may include requirements for the completion of a feasibility study, a system impact study, and/or a facilities study prior to Interconnection. Information about the time and costs for each study is available in Attachment L to this Schedule. If delays result from unforeseen circumstances, Interconnection Customer variance requests, or other incentive program approval requirements, the Company shall promptly notify the Interconnection Customer.
- 4.02 For Interconnection Customers who complete an Application in the form of Attachment C to Schedule 152: Within five Business Days of accepting the Application as complete and no additional studies are required or within five Business Days of accepting the Application as complete after additional studies, the Company shall offer the Interconnection Customer an executable Interconnection Agreement in the form of Attachment J to Schedule 152.

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WN U-60Attachment "A-2" to Schedule 152, Page 2**PUGET SOUND ENERGY**

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**Attachment "A-2" Procedures, Terms & Conditions - Tier 2 Generating Facilities**

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- 4.03 The Interconnection Customer must Interconnect and operate the Generating Facility within one (1) year from the date the Company accepts the Application, or the Application expires, unless the Company, in its sole discretion, grants an extension in writing.
- 5.0 For Interconnection Customers who complete an Application in the form of Attachment C to Schedule 152: The Interconnection Customer shall execute and return the Company-prepared Interconnection Agreement within 30 Business Days of being notified that the Company has accepted the Application and prior to Commissioning of Customer Owned Protection Systems (commonly called the witness test) and physical Interconnection.
- 6.0 After installation, the Interconnection Customer returns the Certificate of Completion to the Company. Prior to Parallel Operation, the Company may inspect the Generating Facility for compliance with standards, which typically includes a witness test, and the Company may schedule appropriate metering replacement, if necessary.
- 7.0 The Company notifies the Interconnection Customer in writing that Interconnection of the Generating Facility is authorized once the Company has completed its inspection and a witness test (if required). If the witness test is not satisfactory, the Company has the right to disconnect the Generating Facility. The Interconnection Customer has no right to Operate in Parallel until a witness test has been performed or previously waived on the Application. The Company may waive the requirement of a witness test by so indicating on the Application.

**PUGET SOUND ENERGY**  
**Electric Tariff G****SCHEDULE 152****INTERCONNECTION WITH ELECTRIC GENERATORS (Continued)**

(Part of Schedule 80, General Rules And Provisions)

**1) Introduction:** Eligible electric generators that are capable of being Interconnected with the Company's Electric System and satisfy the Company's Interconnection requirements shall be Interconnected under the provisions of this Schedule 152. The requirements for Interconnection generally fall into three (3) tiers, as follows:

- Tier 1 includes the requirements for interconnecting the smallest and easiest-to-connect projects;
- Tier 2 includes the requirements for interconnecting mid-sized and mid-complexity projects; and
- Tier 3 includes the requirements for interconnecting larger or more complex projects.

If an Application does not meet the requirements of a particular tier, Interconnection will be subject to the requirements of the next higher tier. Summaries of the Interconnection procedures for each tier are appended to this schedule as Attachments A-1 (for Tier 1), A-2 (for Tier 2), and A-3 (for Tier 3).

This Schedule 152 is based on state laws and rules regulating Electric Service including Washington Administrative Code (WAC) Chapter 480-108 and the Revised Code of Washington (RCW) Chapter 80-60.

The provisions of Schedule 152 apply to all Interconnections, including without limitation Net Metering Interconnections, but the Interconnection Application Process specifically for Net Metering Systems is described in the Electronic Application Process described in Schedule 150.

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**2) Attachments:** The attachments listed in the table of contents contain additional information, procedures, applications, requirements and agreements and are, by this reference, incorporated into this Schedule 152.

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By:


**Issued By Puget Sound Energy**

Jon Piliaris

**Title:** Director, Regulatory Affairs

**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 152**  
**INTERCONNECTION WITH ELECTRIC GENERATORS (Continued)**  
(Part of Schedule 80, General Rules And Provisions)

**3) Definitions:** The following capitalized terms used in this schedule have the meanings set forth below. Other terms used in this schedule, whether or not capitalized, have the meanings set forth in Schedule 80 or WAC 480-108.

a. **Agreement** – the Interconnection agreement using one of the forms appended to this Schedule: Attachment I for Tier 1 Interconnections or Attachment J for Tier 2 and Tier 3 Interconnections.

b. **Application** – the written notice that the Interconnection Customer provides to the Company to start the Interconnection process. The form of Application for a Generation Facility eligible for Tier 1 is set forth in Attachment B to Schedule 152. The form of Application for a Generating Facility eligible for Tier 2 or Tier 3 is set forth in Attachment C to Schedule 152. For Tier 1 or Tier 2 interconnections of Net Metering Systems eligible under Schedule 150 that use UL-listed inverter based technologies, Customers shall use the Electronic Application Process described in Schedule 150.

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|  
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c. **Business Day** – Monday through Friday, excluding official federal and state holidays.

d. **Certificate of Completion** – the form that must be completed by the Interconnection Customer’s electrical inspector and accepted by the Company indicating the Interconnection Customer has completed, installed, and inspected the Interconnection. The form of Certificate of Completion is set forth in Attachment H to Schedule 152. The Company may choose not to require a Certificate of Completion if the Interconnection is accomplished under the provisions of Schedule 150.

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Jon Piliaris

**Title:**

Director, State Regulatory Affairs

1<sup>st</sup> Revision of Sheet No. 152-S  
Canceling Original  
of Sheet No. 152-S

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**PUGET SOUND ENERGY**  
**Electric Tariff G**

**SCHEDULE 152**  
**INTERCONNECTION WITH ELECTRIC GENERATORS (Continued)**

(Part of Schedule 80, General Rules And Provisions)

**6) Application For Interconnection (Continued):**

a. **Standard Application.** Standard Applications for Interconnection are included as attachments to, or described in, Schedules 91, 150, and 152 of this tariff as follows:

(C)

i. **Tier 1:** Each Interconnection Customer must have entered into an Agreement or must enter into the Company's current Interconnection Agreement. The Interconnection Agreement may be modified to accommodate terms and conditions specific to individual Interconnections, subject to the conditions set forth in this Schedule 152 and in WAC 480-108.

If the Interconnection Customer desires to participate in the Company's Net Metering and/or production metering programs (see Schedules 150 and 151, respectively), the Interconnection Customer shall complete the Electronic Application Process described in Schedule 150, as applicable. If the Interconnection Customer does not intend to participate in the Net Metering program, the Interconnection Customer must submit a completed Application in the form set forth in Attachment B to this Schedule 152 and must enter into an Interconnection Agreement in the form set forth in Attachment I to this Schedule 152.

(N)

(N)

ii. **Tier 2:** If the Interconnection Customer desires to participate in the Company's Net Metering and/or production metering programs (and is eligible to participate), the Interconnection Customer shall complete the Application Process described in the Electronic Application Process described in Schedule 150. If the Interconnection Customer does not intend to participate in the Net Metering program, the Interconnection Customer must submit a completed Application in form set forth in Attachment C to this Schedule 152 and must enter into an Interconnection Agreement in the form set forth in Attachment J to this Schedule 152 (or in such other form as may be acceptable to the Company) prior to Interconnection.

(N)

(N)

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By:



Jon Piliaris

**Title:**

Director, State Regulatory Affairs



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Attachment "B" to Schedule 152, Page 1

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**PUGET SOUND ENERGY**

**Attachment "B" Application Tier 1**

**SCHEDULE 152  
APPLICATION FOR INTERCONNECTING AN INVERTER-BASED GENERATING FACILITY  
ELIGIBLE UNDER TIER 1**

This Application is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application may be required. Certain terms in this Application are defined in Schedules 80 and 152.

In order to be eligible to interconnect an inverter-based Generating Facility under Tier 1, the proposed Generating Facility must meet the criteria in Section 4(b)(i) of Schedule 152.

Application Fee

A non-refundable fee of (if applicable) must accompany this Application.  
For UL 1741 Inverter-based Generating Facilities of 0 kW to 25 kW \$ 145.00

Interconnection Customer

Name: \_\_\_\_\_

Contact name if Interconnection Customer is a business: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_

Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Contact or Consultant (if different from Interconnection Customer)

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ (Evening): \_\_\_\_\_

Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Owner(s) of the facility (include % ownership by any electric utility or public utility holding company, or by any entity owned by either): \_\_\_\_\_

Generating Facility Information

Location (if different from above): \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

PSE Account Number: \_\_\_\_\_

Inverter Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_

Nameplate Rating: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volt)

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WN U-60 Attachment "B" to Schedule 152, Page 2

**PUGET SOUND ENERGY**

**Attachment "B" Tier 1 Application**

Single Phase \_\_\_\_\_ Three Phase \_\_\_\_\_

System Design Capacity: \_\_\_\_\_ (kW) \_\_\_\_\_ (kVA)

Prime Mover: Photovoltaic \_\_\_\_ Reciprocating Engine \_\_\_\_ Fuel Cell \_\_\_\_ Turbine \_\_\_\_

Other \_\_\_\_\_

Energy Source: Solar \_\_\_\_ Wind \_\_\_\_ Hydro \_\_\_\_ Diesel \_\_\_\_ Natural Gas \_\_\_\_ Fuel Oil \_\_\_\_

Other (describe) \_\_\_\_\_

Is the equipment UL®1741 listed? Yes \_\_\_\_ No \_\_\_\_

If Yes, attach manufacturer's cut-sheet showing UL®1741 listing

Estimated Installation Date: \_\_\_\_\_ Estimated In-Service Date: \_\_\_\_\_

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1. _____	_____
2. _____	_____
3. _____	_____
4. _____	_____
5. _____	_____

**Notification of Potential Voltage Irregularities:**

The Company Electric System voltage 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 the PSE Electric System. For example, for a nominal 240-volt service the voltage could range up to 252 volts.

Interconnection Customer Signature

I hereby certify that, to the best of my knowledge, the information provided in this Application is true and correct. I agree to abide by the General Rules and Provisions for Interconnecting a Tier 1 Generating Facility and to return the Certificate of Completion when the Generating Facility has been installed, but prior to actual Interconnection.

Signed: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Contingent Approval for Interconnection of the Generating Facility

(For Company use only)

Interconnection of the Generating Facility no larger than 25 kW is authorized contingent upon compliance with the General Rules and Provisions for Interconnection with Electric Generators, including return of the Certificate of Completion and execution of an Interconnection Agreement prior to Interconnection and inspection by the Company.

PSE Representative's Signature: \_\_\_\_\_

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Attachment "B" to Schedule 152, Page 3

**PUGET SOUND ENERGY**

Title: \_\_\_\_\_ Date: \_\_\_\_\_

Company waives inspection/witness test? Yes \_\_\_\_ No \_\_\_\_

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WN U-60 Attachment "C" to Schedule 152. Page 1

**PUGET SOUND ENERGY**

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**Attachment "C" Application - Tier 2 and Tier 3**

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**SCHEDULE 152  
APPLICATION FOR INTERCONNECTING A GENERATING FACILITY  
TIER 2 OR TIER 3**

This Application is considered complete when it provides all applicable and correct information required below. Additional information to evaluate the Application may be required. Certain terms in this Application are defined in Schedules 80 and 152.

Application Fee

A non-refundable fee must accompany this Application.

For Generating Facilities of 0 kW to 25 kW, the fee is \$100.00

For Generating Facilities of greater than 25 kW to 500 kW that do not qualify for the Interconnection process outlined in Schedule 150, the fee \$500.00

For Generating Facilities of greater than 500 kW to 20 MW, the fee is \$1000.00

For Generating Facilities of greater than 2 MW or up to 20 MW the fee is \$1000.00. psei.

**Puget Sound Energy ("PSE" or "Company"):**

[Note: The blanks below must be filled in prior to sending this form to an Interconnection Customer.]

Designated Contact Person: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax: \_\_\_\_\_

E-Mail Address: \_\_\_\_\_

**Preamble and Instructions**

An Interconnection Customer who requests Interconnection must submit this Application by hand delivery, mail, e-mail, or fax to the Company.

**Interconnection Customer Information**

Legal Name of the Interconnection Customer (or, if an individual, individual's name)

Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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**PUGET SOUND ENERGY**

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**Attachment "C" Application - Tier 2 and Tier 3**

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Facility Location (if different from above): \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ Telephone (Evening): \_\_\_\_\_

Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Alternative Contact Information (if different from the Interconnection Customer)

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone (Day): \_\_\_\_\_ Telephone (Evening): \_\_\_\_\_

Fax: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_

Application is for:     \_\_\_\_\_ New Generating Facility  
                                  \_\_\_\_\_ Capacity addition to Existing Generating Facility

If capacity addition to existing facility, please describe: \_\_\_\_\_

Will the Generating Facility be used for any of the following?

- Net Metering? Yes \_\_\_ No \_\_\_
- To Supply Power to the Interconnection Customer? Yes \_\_\_ No \_\_\_
- To Supply Power to Others? Yes \_\_\_ No \_\_\_

For installations at locations with existing electric service to which the proposed Generating Facility will Interconnect, provide:

\_\_\_\_\_  
(Existing PSE Account Number\*)

Requested Point of Interconnection: \_\_\_\_\_

Interconnection Customer's Requested In-Service Date: \_\_\_\_\_

**Generating Facility Information**

Information applies only to the Generating Facility, not to the Interconnection Facilities.

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**PUGET SOUND ENERGY**

**Attachment "C" Application - Tier 2 and Tier 3**

Energy Source:  Solar  Wind  Hydro  Hydro Type (e.g. Run-of-River): \_\_\_\_\_  
 Diesel  Natural Gas  Fuel Oil  Other (state type) \_\_\_\_\_

Prime Mover:  Fuel Cell  Recip Engine  Gas Turb  Steam Turb  Microturbine  PV   
Other

**Synchronous Generators**

Generator Nameplate Rating: \_\_\_\_\_ kW (Typical) Generator Nameplate kVA: \_\_\_\_\_

Interconnection Customer or Customer-Site Load: \_\_\_\_\_ kW (if none, so state)

Typical Reactive Load (if known): \_\_\_\_\_

Maximum Physical Export Capability Requested: \_\_\_\_\_ kW

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

Is the prime mover compatible with the certified protective relay package?  Yes  No

Generator:

Manufacturer, Model name, & Number: \_\_\_\_\_

Version Number: \_\_\_\_\_

Nameplate Output Power Rating in kW: (Summer) \_\_\_\_\_ (Winter) \_\_\_\_\_

Nameplate Output Power Rating in kVA: (Summer) \_\_\_\_\_ (Winter) \_\_\_\_\_

Individual Generator Power Factor:

Rated Power Factor: Leading: \_\_\_\_\_ Lagging: \_\_\_\_\_

Direct Axis Synchronous Reactance, Xd: \_\_\_\_\_ P.U.

Direct Axis Transient Reactance, X' d: \_\_\_\_\_ P.U.

Direct Axis Subtransient Reactance, X" d: \_\_\_\_\_ P.U.

Negative Sequence Reactance, X2: \_\_\_\_\_ P.U.

Zero Sequence Reactance, X0: \_\_\_\_\_ P.U.

KVA Base: \_\_\_\_\_

Field Volts: \_\_\_\_\_

Field Amperes: \_\_\_\_\_

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WN U-60 Attachment "C" to Schedule 152. Page 4

**PUGET SOUND ENERGY**

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**Attachment "C" Application - Tier 2 and Tier 3**

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**Induction Generators**

Generator Nameplate Rating: \_\_\_\_\_ kW (Typical) Generator Nameplate kVA: \_\_\_\_\_

Interconnection Customer or Customer-Site Load: \_\_\_\_\_ kW (if none, so state)

Typical Reactive Load (if known): \_\_\_\_\_

Maximum Physical Export Capability Requested: \_\_\_\_\_ kW

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

Is the prime mover compatible with the certified protective relay package?  Yes  No

**Generator**

Manufacturer, Model name, & Number: \_\_\_\_\_

Version Number: \_\_\_\_\_

Nameplate Output Power Rating in kW: (Summer) \_\_\_\_\_ (Winter) \_\_\_\_\_ or

Nameplate Output Power Rating in kVA: (Summer) \_\_\_\_\_ (Winter) \_\_\_\_\_

**Individual Generator Power Factor**

Rated Power Factor: Leading: \_\_\_\_\_ Lagging: \_\_\_\_\_

Motoring Power (kW): \_\_\_\_\_

I22t or K (Heating Time Constant): \_\_\_\_\_

Rotor Resistance, Rr: \_\_\_\_\_

Stator Resistance, Rs: \_\_\_\_\_

Stator Reactance, Xs: \_\_\_\_\_

Rotor Reactance, Xr: \_\_\_\_\_

Magnetizing Reactance, Xm: \_\_\_\_\_

Short Circuit Reactance, Xd": \_\_\_\_\_

Exciting Current: \_\_\_\_\_

Temperature Rise: \_\_\_\_\_

Frame Size: \_\_\_\_\_

Design Letter: \_\_\_\_\_

Reactive Power Required in Vars (No Load): \_\_\_\_\_

Reactive Power Required in Vars (Full Load): \_\_\_\_\_

Total Rotating Inertia, H: \_\_\_\_\_ Per Unit on kVA Base

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**PUGET SOUND ENERGY**

**Attachment "C" Application - Tier 2 and Tier 3**

**Inverter Based Generation**

Source Nameplate Rating: \_\_\_\_\_ DC KW (Typical) Inverter Nameplate Rating \_\_\_\_\_ AC KW

Interconnection Customer or Customer-Site Load: \_\_\_\_\_ kW (if none, so state)

Will site load be a separate service \_\_\_\_\_

Reactive Capability : \_\_\_\_\_

Maximum Physical Export Capability Requested: \_\_\_\_\_ kW

List components of the Generating Facility equipment package that are currently certified:

Equipment Type	Certifying Entity
1 _____	_____
2 _____	_____
3 _____	_____
4 _____	_____
5 _____	_____

Is the inverter controller UL1741 listed? \_\_Yes \_\_ No

Generator (or solar collector)

Manufacturer, Model name, & Number: \_\_\_\_\_

Version Number: \_\_\_\_\_

Inverter Model number: \_\_\_\_\_

Output Power Rating in kW: (Summer) \_\_\_\_ (Winter) \_\_\_\_

List of adjustable set points for the protective equipment, including software adjustable points: \_\_\_\_\_

Contact the Company to discuss this item prior to filling out the Application.

**Note:** A completed Power Systems Load Flow data sheet must be supplied with the Application.

Generating Facility Characteristic Data (for inverter-based machines)

Max design fault contribution current: \_\_\_\_\_ Instantaneous \_\_ or RMS? \_\_\_\_

Harmonics Characteristics: \_\_\_\_\_

Start-up requirements: \_\_\_\_\_

Generating Facility Characteristic Data (for rotating machines)



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**PUGET SOUND ENERGY****Attachment "C" Application - Tier 2 and Tier 3**

**Note:** Please contact the Company prior to submitting the Application to determine if the specified information below is required.

RPM Frequency: \_\_\_\_\_

(\*) Neutral Grounding Resistor (If Applicable): \_\_\_\_\_

Synchronous Generators:Direct Axis Synchronous Reactance,  $X_d$ : \_\_\_\_\_ P.U.Direct Axis Transient Reactance,  $X'_d$ : \_\_\_\_\_ P.U.Direct Axis Subtransient Reactance,  $X''_d$ : \_\_\_\_\_ P.U.Negative Sequence Reactance,  $X_2$ : \_\_\_\_\_ P.U.Zero Sequence Reactance,  $X_0$ : \_\_\_\_\_ P.U.

KVA Base: \_\_\_\_\_

Field Volts: \_\_\_\_\_

Field Amperes: \_\_\_\_\_

Induction Generators

Motoring Power (kW): \_\_\_\_\_

 $I_2^2t$  or K (Heating Time Constant): \_\_\_\_\_Rotor Resistance,  $R_r$ : \_\_\_\_\_Stator Resistance,  $R_s$ : \_\_\_\_\_Stator Reactance,  $X_s$ : \_\_\_\_\_Rotor Reactance,  $X_r$ : \_\_\_\_\_Magnetizing Reactance,  $X_m$ : \_\_\_\_\_Short Circuit Reactance,  $X_d''$ : \_\_\_\_\_

Exciting Current: \_\_\_\_\_

Temperature Rise: \_\_\_\_\_

Frame Size: \_\_\_\_\_

Design Letter: \_\_\_\_\_

Reactive Power Required in Vars (No Load): \_\_\_\_\_

Reactive Power Required in Vars (Full Load): \_\_\_\_\_

Total Rotating Inertia, H: \_\_\_\_\_ Per Unit on kVA Base

Excitation and Governor System Data for Synchronous Generators Only

Provide an appropriate IEEE model block diagram of excitation system, governor system, and power system stabilizer (PSS) in accordance with the regional reliability council criteria. Studies may determine that a PSS is required. A copy of the manufacturer's block diagram may not be substituted.

**Interconnection Facilities Information**

Will a transformer be used between the generator and the Point of Common Coupling (PCC)?

\_\_\_Yes \_\_\_No

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**PUGET SOUND ENERGY**

**Attachment "C" Application - Tier 2 and Tier 3**

Will the transformer be provided by the Interconnection Customer?  Yes  No

Transformer Data (If Applicable, for Interconnection Customer-Owned Transformer):

Is the transformer:  single phase  three phase? Size: \_\_\_\_\_ kVA  
Transformer Impedance: \_\_\_\_\_ % on \_\_\_\_\_ kVA Base

If Three Phase:

Transformer Primary: \_\_\_\_\_ Volts \_\_\_\_\_ Delta \_\_\_\_\_ Wye \_\_\_\_\_ Wye Grounded  
Transformer Secondary: \_\_\_\_\_ Volts \_\_\_\_\_ Delta \_\_\_\_\_ Wye \_\_\_\_\_ Wye Grounded  
Transformer Tertiary: \_\_\_\_\_ Volts \_\_\_\_\_ Delta \_\_\_\_\_ Wye \_\_\_\_\_ Wye Grounded

Transformer Fuse Data (If Applicable, for Interconnection Customer-Owned Fuse):

(Attach a copy of the fuse manufacturer's Minimum Melt and Total Clearing Time-Current Curves)

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Size: \_\_\_\_\_  
Speed: \_\_\_\_\_

Interconnecting Circuit Breaker (if applicable):

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_  
Load Rating (Amps): \_\_\_\_\_ Interrupting Rating (Amps): \_\_\_\_\_  
Trip Speed (Cycles): \_\_\_\_\_

Interconnection Protective Relays (if applicable):

If Microprocessor-Controlled:

List of functions and adjustable set points for the protective equipment, including software adjustable points:

Setpoint Function	Minimum	Maximum
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
5. _____	_____	_____
6. _____	_____	_____

If Discrete Components:

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**PUGET SOUND ENERGY**

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**Attachment "C" Application - Tier 2 and Tier 3**

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(Enclose Copy of any Proposed Time-Overcurrent Coordination Curves)

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting: \_\_\_\_\_  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting: \_\_\_\_\_

Current Transformer Data (if applicable):

(Enclose a copy of the Manufacturer's Excitation and Ratio Correction Curves)

Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Accuracy Class: \_\_\_ Proposed Ratio Connection: \_\_\_

Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Accuracy Class: \_\_\_ Proposed Ratio Connection: \_\_\_

Potential Transformer Data (if applicable):

Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Accuracy Class: \_\_\_ Proposed Ratio Connection: \_\_\_

Manufacturer: \_\_\_\_\_  
Type: \_\_\_\_\_ Accuracy Class: \_\_\_ Proposed Ratio Connection: \_\_\_

**General Information**

Enclose a copy of the site electrical one-line diagram showing the configuration of all Generating Facility equipment, current and potential circuits, and protection and control schemes. This one-line diagram must be signed and stamped by a Washington State licensed electrical Professional Engineer if the Generating Facility is larger than 50 kW. Is one-line diagram enclosed? \_\_Yes \_\_No

Enclose a copy of any site documentation that indicates the precise physical location of the proposed Generating Facility (e.g., USGS topographic map or other diagram or documentation).

Proposed location of protective interface equipment on property (include address if different from the Interconnection Customer's address) \_\_\_\_\_

Enclose a copy of any site documentation that describes and details the operation of the protection and control schemes. Is available documentation enclosed? \_\_Yes \_\_No

Enclose copies of schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).  
Are schematic drawings enclosed? \_\_Yes \_\_No

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Attachment "C" to Schedule 152. Page 9

**PUGET SOUND ENERGY**

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**Attachment "C" Application - Tier 2 and Tier 3**

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**Notification of Potential Voltage Irregularities:**

The Company's Electric System voltage 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 the PSE Electric System. For example, for a nominal 240-volt service the voltage could range up to 252 volts.

**Applicant Signature**

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

For Interconnection Customer: \_\_\_\_\_ Date: \_\_\_\_\_