

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 83
ELECTRICITY CONSERVATION SERVICE

- PURPOSE:** To promote the efficient use of electrical energy by providing Customers with access to information, products and incentives which will assist them in making conservation/energy efficiency decisions and investments as well as to promote Fuel Conversion and Fuel Switching. In compliance with RCW 19.285, the Company will also install Measures, as defined in Section 4 of this schedule, in Company-owned or operated distribution, transmission or generation facilities to achieve Conservation. Conservation/energy efficiency activities will be consistent with cost-effectiveness as defined by a Total Resource Cost Test. Company funding for services will be limited to cost-effectiveness defined by a Utility Cost Test using the Company's Energy Efficiency Cost Effectiveness Standard, also known as the Conservation Cost Effectiveness Standard. Individual programs are described under Schedules numbered between 200 and 299.
- AVAILABILITY:** Except for conservation Measures installed in Company-owned or operated distribution, transmission or generation facilities, the programs described in Schedules numbered between 200 and 299 are available to Customers receiving their electrical service under Electric Tariff G from the Company, in facilities permanently located or under construction for permanent location in the Company's electric distribution service territory. By virtue of this open availability and corresponding funding by all Customers through Schedule 120, all Customers are deemed to be subscribing to Conservation services offered under Schedules numbered between 200 and 299. The services are available to owners of these facilities and also may be provided to tenants who have obtained appropriate owner consent. Specific incentives may also be available to and divided among manufacturers, distributors, contractors, vendors, retailers or other entities that provide equipment or services, install or facilitate the installation of approved Measures in facilities receiving Electric Service under the Company's Electric Tariff G.

Service provided under this schedule is limited to end-uses where electricity is the energy source and to Measures which increase efficiency in the use of electricity. (T)
- SOURCE OF FUNDING:** Schedule 120 of this tariff implements surcharges to collect all costs incurred in providing services, programs, other incentives or methods to encourage investments to be made in energy efficiency as described in Schedules numbered 200 through 299 of this tariff. Costs of services, programs and other incentives funded by Bonneville Power Administration (BPA) or other federal or state government programs, if available, will not be recovered through Schedule 120. Availability of all services, programs, rebates and other incentives offered in Schedules numbered 200 through 299 is subject to the availability of funding through Schedule 120. Additional sources of funding may be specified in individual Energy Efficiency Programs.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 83

ELECTRICITY CONSERVATION SERVICE (Continued)

Measure savings used by the Company are based on, but not limited to:

- a. Company-approved Prescriptive Base Measure savings estimates,
- b. Energy savings analyses performed on a Site-Specific Basis using Company-approved engineering analysis methods,
- c. Company-approved Performance Basis methods.

7. MEASURES:

In addition to meeting the definition of Measure in Section 4, a Measure must reasonably be expected to satisfy the Total Resource Cost Test and the Utility Cost Test. The Company may, at its sole discretion, review and implement Customer-proposed Measures that meet all Measure evaluation criteria. The Company may, at its sole discretion, provide payments, funding or other remuneration that may be less than the maximum allowed under the Energy Efficiency Cost Effectiveness Standard, based on market conditions and/or available funding.

8. ENVIRONMENTAL ATTRIBUTES OWNERSHIP:

Environmental Attributes, Reporting Rights, as well as the Energy savings associated with these Conservation/energy efficiency Measures installed under the Company's Energy Efficiency Programs will accrue to the ownership and beneficial use of the Company.

9. SPECIAL CONDITIONS:

- a. Low Income: Low Income Customers are qualified by government agencies, using federal low income guidelines. Approved Low Income agencies may receive Measure funding equal to the lesser of one hundred percent (100%) of the Measure Cost or the value that will result in a Total Resource Cost Benefit/Cost ratio of a minimum of 0.667. Measures will be deemed to be cost-effective if they meet either the Department of Commerce Weatherization Guide cost-effectiveness requirements, consistent with WAC 480-109-100(10)(a), or meet a Total Resource Cost test of 0.667, whichever provides the greater assistance to qualifying Low-Income Customers. Funding is in accordance with funding described in Electric Energy Efficiency Schedule 201. (T)
- b. Regional Market Transformation: Northwest regional programs include projects aimed at advancing new promising technologies or changes to standards, codes and practices, which are anticipated to be cost-effective from a Total Resource Cost Test perspective over time. The NEEA Board recognizes, and acknowledges risks associated with determining cost-effectiveness in undertaking these long-range, Market Transformation activities. (T)
- c. Pilot Programs and Demonstration Projects: Pilot programs and demonstration projects may be undertaken to determine whether certain strategies and Measures are cost-effective over an extended period of time. Pilots are employed to test cost-effective ways to demonstrate market opportunities for energy efficiency. Pilots may include tests of Measure Cost and performance, Customer acceptance or delivery methods. Pilots are not subject to achieving energy savings sufficient to demonstrate cost-effectiveness in the short term.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Pilliar

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 83
ELECTRICITY CONSERVATION SERVICE (Continued)

10. **EXPENDITURES:** For years 2020 through 2021, the Company has budgeted \$173.08 million to implement and affect residential and commercial/industrial cost-effective energy efficiency Measures and Conservation initiatives to achieve electricity Conservation objectives mutually agreed to by the Company and the Conservation Resource Advisory Group (CRAG). (C) (R)

In addition, during the years 2020 through 2021, the amount of \$2.91 million is budgeted for the Schedule 150 Net Metering program. (C) (I)

11. **TERMINATION:** Programs under this tariff will terminate

a. When any of the following or similar conditions exist or arise, with 30 days written notice to the CRAG:

- Regional economic downturn, resulting in the cancellation of all or a portion of energy efficiency projects,
- Force Majeure, such as events affecting the environment, regional economy, infrastructure, etc.,
- Lack of Customer participation due to either of the above or other conditions beyond the Company's influence
- Lack of qualified contractors to install approved Measures
- The Company has achieved significant market penetration.


b. When a program is no longer cost effective; or

c. December 31, 2021, whichever comes first. However, commitments entered into prior to termination will be honored and Schedule 258 will continue through December 31, 2022. (C)

12. **CUSTOMERS WHO CHANGE PROVIDER OF ELECTRIC SERVICE:** Customers who have received funding from the Company for a Conservation Measure or Measures who, after receipt of such funding, have all or a portion of the electricity provided by a party other than the Company and thereby no longer contribute to the recovery of costs of Energy Efficiency Programs, except for amounts less than \$100, shall be obligated to refund to the Company, by the due date of the Company's invoice for such refund, an amount equal to the ratio of the unused Measure Life of the Measure to the total Measure Life of the Measure multiplied by the dollar amount of the Conservation funding provided by the Company, for each Measure. The Customer will have the option to enter into an installment plan when amounts owing are greater than \$3,000. Terms of the installment plan will allow the Customer to repay over a period not to exceed 10 years, with a minimum monthly payment of not less than \$250. The monthly installment will be based on a simple annuity calculation, or the minimum monthly installment of \$250, and will include interest at the Company's after tax overall authorized rate of return grossed up for taxes at the time the installment plan is established.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 201
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Residential Low-Income

1. AVAILABILITY:

This Schedule is available for selected Low Income weatherization (“LIW”) projects that may qualify for Matchmaker funds under agreements with the Washington State Department of Commerce (Commerce). Some services under this Schedule may be provided through Commerce and approved local Low Income agencies (“Agencies”) under contract with the Company. Eligible Customers include owners, or tenants with appropriate owner consent, of single family, multi-family, manufactured or mobile homes where the occupant of the structure is Low Income. Low Income multi-family structures are eligible for service under this Schedule.

Customer income eligibility and other requirements are published in the current U.S. Department of Energy – Washington State Low-Income *Weatherization Manual* prepared by Commerce. To be eligible (C) for building thermal Improvements or HVAC Measures referred to in Section 2 below, electricity must be the primary source of space heating. To be eligible for water heating improvement Measures referred to in Section 2 below, electricity must be the primary source of water heating. Customers and structures must receive Electric Service under Electric Tariff G of the Company.

2. MEASURES:

The Company will maintain and make available a list of electric funding information and cost-effective efficiency Prescriptive Basis, as well as Site-Specific Basis Measures. The Measure list may be updated as market conditions change. Some Measures, reliant on Non-quantifiable Benefits (or Costs) may apply. Measure category headings may include but are not limited to:

- HVAC
- Controls
- Lighting Improvements, including approved fixtures
- Process Efficiency Improvements
- Building Thermal Improvements, including insulation and/or duct sealing
- Water Heating Improvements
- Building Commissioning
- Appliance Upgrades
- Energy-related repairs

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By:



Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 201
ELECTRICITY ENERGY EFFICIENCY PROGRAM (Continued)
Residential Low-Income

3. FUNDING:

Funding for some LIW Measures will be agreed to with approved LIW Agencies. The total Energy savings under this schedule will be 1) within limits of the Total Resource Cost Test and/or 2) consistent with the procedures in the *Weatherization Manual*, pursuant to WAC 408-109-100(10)(a). Some Low Income Measures may qualify for Matchmaker funds under agreements with Commerce. (C)
I
(C)

The Company, at its sole discretion, may inspect installations prior to fulfillment of the incentive. Costs of Low Income incentives, Measures, grants or other remuneration may be recovered through, but not limited to: Schedule 120, Bonneville Power Administration (BPA) credits, other federal or state government programs, proceeds from the sale of Renewable Energy Credits as made available in Docket No. UE-070725 ("REC Funding"), agreements made in Special Contracts, Company funds or other approved sources.

A portion of Schedule 120 funding, funding from Special Contracts, and REC Funding available under this Schedule can be applied to necessary energy-related repairs in which the total spending of the particular funding source is subject to the Total Resource Cost Test.

4. ADMINISTRATIVE PAYMENTS:

Approved local Agencies may be paid a fee based on a percentage of the Measure Cost, the percentage of the fee will be determined by the Company. Commerce may be paid a flat annual administrative fee for services such as for inspections and monitoring by Agencies.

5. SCHEDULE 83:

Service under this schedule is subject to the provisions of Schedule 83, Electricity Conservation Service, contained in this tariff.

6. GENERAL RULES AND PROVISIONS:

Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 219

(N)

ELECTRICITY TARGETED DEMAND SIDE MANAGEMENT PILOT

Existing Residential Single Family, Multifamily and Commercial and Industrial

1. **AVAILABILITY:** This schedule applies to Customers located within specific Transmission & Distribution (T&D) Deferral Project areas receiving retail, bundled Electric Service under Electric Tariff G of the Company. TDSM may be conducted for residential, commercial, and Industrial classes of Customers. Customers on Schedules 43, 46 and 171 are not eligible for Demand Response Incentive rebates, as defined in Section 2(c) of Schedule 249A, offered under this schedule.


2. **DEFINITIONS:**
 - a) **Non-Wires Alternatives (NWA):** An electricity grid investment or project that uses non-traditional transmission and distribution (T&D) solutions, such as, but not limited to distributed generation (DG), energy storage, energy efficiency (EE), demand response (DR), and grid software and controls, to defer or replace the need for specific equipment upgrades, such as T&D lines or transformers, by reducing load at a substation or circuit level.
 - b) **Targeted Demand Side Management (TDSM):** Energy Efficiency and Demand Response measures and services deployed in a localized area as part of a NWA solution.
 - c) **Targeted Energy Efficiency (TEE):** Energy Efficiency measures and services deployed as part of an NWA solution.
 - d) **Localized Avoided Cost:** The Avoided Cost, as defined in Schedule 83, of electricity specific to a T&D deferral project.
 - e) **Localized Incentives:** Energy Efficiency measure incentives specific to an NWA solution with cost-effectiveness calculated using localized Avoided Costs.
 - f) **Targeted Demand Response (TDR):** Demand Response initiatives deployed specific to an NWA solution.
 - g) **Bonus Incentive:** Targeted Energy Efficiency incentive, based on cost-effectiveness using localized avoided cost, offered in addition to incentives offered on standard energy efficiency measure.

T&D Deferral Project: An identified infrastructure improvement need where an NWA solution proved more cost effective than a traditional wired solution. T&D Deferral Project periods are typically between two and ten years.

(N)

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

**PUGET SOUND ENERGY
Electric Tariff G**

SCHEDULE 219

(N)

**ELECTRICITY TARGETED DEMAND SIDE MANAGEMENT PILOT (Continued)
Existing Residential Single Family, Multifamily and Commercial and Industrial**

3. **PURPOSE:** Targeted Demand Side Management (TDSM) works to support the Company's electric infrastructure planning teams, specifically as related to Non Wires Alternatives (NWA). TDSM will identify Localized Conservation and Demand Response potential, develop plans to achieve a defined percentage of that potential, then implement those plans to deliver identified energy efficiency and capacity savings.
4. **MEASURES:** The Company will maintain and make available a list of cost-effective electric efficiency and Demand Response Prescriptive-Basis Measure categories as identified in Conservation Schedules 214, 215, 217, 250 and 251.
5. **SERVICES:** The Company will offer information, saving estimates, incentive application forms and may offer referral services and training to encourage cost-effective investments in energy efficiency as identified in Schedules 214, 217, 250 and 251. The company may calculate, and apply, Localized Avoided Cost of energy for use in cost-effectiveness calculations and measure incentive-setting. The Company may offer Demand Response services as identified in Schedules 249a and 271.
6. **FUNDING:** Prescriptive Basis Measure funding will be prepared and updated as markets change and will be available from the Company. The Company, at its sole discretion, may inspect installations prior to fulfillment of the incentive. Schedule 120 of this tariff implements surcharges to collect all costs incurred in providing the service and programs of this Schedule except those costs recovered from other sources that are described in this section.
7. **SCHEDULE 83:** Service under this schedule is subject to the provisions of Schedule 83, Electricity Conservation Service, contained in this tariff, except that these pilot programs are not subject to demonstration of cost-effectiveness in the short run.
8. **GENERAL RULES AND PROVISIONS:** Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

(N)

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 250
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Commercial and Industrial Retrofit Program

1. **AVAILABILITY:** Any Customer, owner, or tenant with appropriate owner consent, of a commercial or industrial facility or outdoor lighting receiving Electric Service under Schedules 7A, 24, 25, 26, 29, 31, 35, 40, 43, 46, 49, 50, 51, 52, 53, 54, 55, 57, 58, 448, 449, 458, 459 (or their equivalent) or Special Contracts of Electric Tariff G of the Company.

2. **MEASURES:** Cost-effective Measures, applicable to, but not limited to the category headings below, may be recommended under this schedule. Measures proposed by the Customer, owner or tenant may be reviewed at the Company's discretion. (D)
 - HVAC and Refrigeration (D)
 - Controls
 - Process Efficiency Improvements
 - Lighting Improvements, including approved fixtures
 - Street and Area Lighting Improvements
 - Building Thermal Improvements, including insulation and duct sealing
 - Water Heating Improvements
 - Building Commissioning
 - Optimization

3. **SERVICES:** The Company may make recommendations of cost-effective savings potential for the facility or facilities or end-use, including estimates of costs and the Simple Payback of energy efficiency Measures. This may include a review of energy consumption history and the planned use of the facility. The Company will review engineering analyses of savings potential performed at the Customer's, owner's or tenant's direction and expense. The Company, as appropriate, may offer sample performance specifications to assist in obtaining bids for Measures. The Company may contract with service providers for implementation of energy efficiency Measures or services. The Company will review installation of Measure(s) for consistency with contracted energy efficiency specifications.

The Company will provide secure website access to energy-use data for participating Customers who commit to monitoring and using information to improve energy efficiency at their facilities. Customers will demonstrate annual energy savings potential through energy management operations or maintenance as well as identification of further efficiency Measures and equipment upgrades.

The Company's cost of providing these services may reasonably be expected to result in cost-effective energy savings using a Total Resource Cost Test and a Utility Cost Test.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By:



Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

10th Revision of Sheet No. 251
Canceling 9th Revision
of Sheet No. 251

WN U-60

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 251
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Commercial and Industrial New Construction Efficiency

1. **AVAILABILITY:** Any Customer, owner or tenant with appropriate owner consent, of a new construction commercial or industrial facility or outdoor lighting which will receive Electric Service under Schedules 7A, 24, 25, 26, 31, 35, 40, 43, 46, 49, 50, 51, 52, 53, 54, 55, 57, 58, 448, 449, 458, 459 (or their equivalent) or Special Contracts of Electric Tariff G of the Company, including mixed-end-use and multi-family facilities. The Company is particularly interested in projects which have broad application to commercial new construction such that they may be considered for development of future energy codes.


2. **MEASURES:**

Cost-effective Measures, applicable to, but not limited to the category headings below, may be recommended under this schedule. Additionally, the Company will maintain and make available a list of cost-effective Prescriptive Basis Measures for new construction projects. Additional Measures proposed by the Customer, owner or tenant may be reviewed at the Company's discretion. The Prescriptive Basis Measure list may be updated as market conditions change.

- HVAC and Refrigeration (D)
- Controls I
- Process Efficiency Improvements (D)
- Lighting Improvements, including fixtures
- Street and Area Lighting Improvements
- Building Thermal Improvements, including insulation and duct sealing
- Building Commissioning

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 258
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Large Power User Self-Directed Program

1. **AVAILABILITY:** Customers receiving Electrical Service from the Company under a Special Contract, or Schedules 40, 46, 49, 448, 449, 458 or 459 of Electric Tariff G with cost-effective electric energy efficiency projects are eligible to respond to the Company's Request for Proposals (RFPs), which will be developed jointly with representative Customers and Alliance of Western Energy Consumers (AWEC). Customers are eligible for other services offered under the Schedule, including below-noted measures.

2. **MEASURES:** Customer may propose Measures shown to meet the Company's cost effectiveness standard for electrical energy savings. Measure categories may include but are not limited to those shown below.

- | | | |
|---------------------------------|---------------------------------------|-----|
| HVAC and Refrigeration | Building Thermal Improvements | (D) |
| Controls | Building Commissioning | (D) |
| Process Efficiency Improvements | Optimization | |
| Lighting Improvements | Energy-Efficiency Engineering Studies | |

Eligible Customers may receive funding for Energy-Efficiency Engineering Studies prepared by PSE-approved third-party contractors, Prescriptive Basis Measures and Performance Basis Measures offered under Schedules 250, 251, 253 and 262. Qualifying Energy-Efficiency Engineering Studies will be conducted for the express purpose of determining the availability and potential extent of any conservation potential at a Customer's premise.

The Company may review and implement Customer-proposed Measures that meet all Measure evaluation criteria. Specific guidelines will be included in the Company's RFP.

3. **ANALYSIS:** Electricity savings are to be calculated using standard engineering practices, and with operations schedules documented by the Customer. The Company will review electricity savings calculations, and reserves the right to modify energy savings estimates. Actual savings may be trued up based on post-installation energy use monitoring. Further details will be provided in the RFP.

(Continued on Sheet No. 258-A)

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By: 

Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs

PUGET SOUND ENERGY
Electric Tariff G

SCHEDULE 262
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Commercial and Industrial Incentive Program

1. **AVAILABILITY:** Any Customer, owner or tenant with appropriate owner consent, of a commercial, farm, or industrial facility or outdoor lighting receiving Electric Service under Schedules 7A, 8, 10, 11, 12, 24, 25, 26, 29, 31, 35, 40, 43, 46, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 448, 449, 458, 459 or Special Contracts of Electric Tariff G of the Company.

2. **MEASURES:** The Company will maintain and make available a list of cost-effective electric efficiency Prescriptive Basis Measures. The Prescriptive Basis Measure list may be updated as market conditions change. Measure category headings may include, but are not limited to those listed below.

(D)

 - HVAC and Refrigeration (D)
 - Controls
 - Lighting Improvements, including approved fixtures
 - Street and Area Lighting Improvements
 - Process Efficiency Improvements
 - Building Thermal Improvements, including insulation and duct sealing
 - Water Heating Improvements
 - Building Commissioning
 - Optimization

3. **SERVICES:** The Company will offer information, program guidelines, savings estimates, incentive application forms and may offer referral services to encourage cost-effective investments in energy efficiency. The Company may contract with service providers for implementation of energy efficiency Measures or services.

4. **FUNDING:** Prescriptive Basis Measure funding will be prepared and updated as markets change and will be available from the Company. Prescriptive Basis Measure funding will be provided upon receipt of prescriptive Measure incentive forms, invoices and/or receipts documenting materials and costs, and Customer, owner or tenant verification that the installation is complete. The Company, at its sole discretion, may inspect installations prior to payment of the incentive.

Funding for Customers on Schedules 448, 449, 458, 459 and Special Contracts will be through their individual allocations under Schedule 258.

Issued: November 1, 2019
Advice No.: 2019-39

Effective: January 1, 2020

By:



Issued By Puget Sound Energy

Jon Piliaris

Title: Director, Regulatory Affairs