

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. (N)

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. Cost-effective Fuel Conversion and Fuel Switching Measures that convert energy use from electric to natural gas may be recommended under this program.
 - HVAC and Refrigeration
 - 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.

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SCHEDULE 250
ELECTRICITY ENERGY EFFICIENCY PROGRAM (Continued)
Commercial and Industrial Retrofit Program

- f. Building Commissioning and optimization incentives under Schedule 250 are available to Customers on Schedules 40, 46 and 49 who are eligible for participation in the Schedule 258 Large Power User Self-Directed Program before utilizing their Schedule 258 allocation. Funding for incentives under Schedule 250 for Customers on Schedules 448, 449, 458, 459 and Special Contracts will be through their individual allocations under Schedule 258. (T) (T) (T) (T) (N) (T) (N)
- g. Incentive funding requested by Customers for Measures involving Company-owned outdoor lighting shall be limited to the amount of the required Customer contribution toward the Measure Cost.
7. **SCHEDULE 83:** Service under this schedule is subject to the provisions of Schedule 83, Electricity Conservation Service, contained in this tariff.
8. **GENERAL RULES AND PROVISIONS:** Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

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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. (N)

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. Cost-effective Fuel Conversion and Fuel Switching Measures that convert energy use from electricity to natural gas may be recommended under this program when the baseline electric system is consistent with standard industry practice, as determined by the Company.

HVAC and Refrigeration

Controls

Process Efficiency Improvements

Lighting Improvements, including fixtures

Street and Area Lighting Improvements

Building Thermal Improvements, including insulation and duct sealing

Building Commissioning

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

3. **SERVICES:** The Company will make recommendations of cost-effective savings potential for the facility or facilities or end-use including estimates of costs and the Customer's Simple Payback for energy efficiency Measures. This will include a projection of energy consumption and costs, based on 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 will review installed Measure(s) for consistency with contracted energy efficiency specifications.

Upon occupancy, the Company may provide secure website access to facility energy-use data for participating Customers who commit to monitoring and using information to improve energy efficiency at their facility(ies). Customers will demonstrate annual energy savings potential through energy management operations and maintenance as well as identification of efficiency Measures and equipment upgrades.

The 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.

4. **ENGINEERING FEES:** The Customer, owner or tenant is responsible for project design and engineering costs.
5. **FUNDING:** Funding is subject to Company-approved savings estimates, engineering analyses or performance measurement plan.
- a. Site-Specific Basis incentives or Prescriptive Basis incentives will be provided for new construction Measures that exceed Energy Code or, where no such code exists, standard industry practice. Measure funding will be based on the Company's Energy Efficiency Cost-Effectiveness Standard.
- b. Funding for Customers on Schedules 448, 449, 458, 459 and Special Contracts will be through their individual allocations under Schedule 258. (T) (N)
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SCHEDULE 253
ELECTRICITY ENERGY EFFICIENCY PROGRAM
Resource Conservation Management (Energy Performance Incentive Programs)

1. **AVAILABILITY:** Any Customer, owner, or tenant with appropriate owner consent, of a commercial or industrial facility with multiple accounts or facilities with qualifying usage receiving Electric Service under Schedules 7A, 24, 25,26, 29, 31, 35, 40, 43, 46, 49 (or their equivalent) or Special Contracts of Electric Tariff G from the Company. (N)
2. **MEASURES:** Cost-effective electricity savings, as well as savings involving other resources (e.g., natural gas, propane, oil, water, sewer, solid waste and recycling) will be achieved through Energy Management. Measures proposed by the Customer, owner or tenant may be reviewed at the Company's discretion. Measure categories are applicable to, but not limited to the categories below:
 - a. Operations, maintenance, and process improvements
 - b. Occupant behavior change to reduce energy consumption
 - c. Capital investments to increase Energy Efficiency
3. **ANALYSIS:** Baseline energy use will be established using historical data prior to program implementation. An energy management plan will be established and put in place. Tracking of implementation activities and monitoring of consumption will be conducted on an ongoing basis. Savings will be calculated using whole building analysis in accordance with standard practices.
4. **SERVICES:** The Company will make a preliminary estimate with the Customer of the cost-effectiveness of the program. Services may include, but are not limited to the following, negotiated to meet the specific needs of the Customer:
 - a. Assistance in development of baseline energy use, energy management plans, energy management plan implementation tracking, and ongoing monitoring and reporting of energy use.
 - b. Access to PSE on-line software tools for tracking energy use data.
 - c. Company hosted periodic meetings to allow Energy Managers to review and evaluate energy management techniques with peers and Company subject matter experts.

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SCHEDULE 253

ELECTRICITY ENERGY EFFICIENCY PROGRAM (Continued)

Resource Conservation Management (Energy Performance Incentive Programs)

5. **FUNDING:** Funding is subject to Company-approved savings estimates and analysis. Funding for Customers on Schedules 448, 449, 458, 459 and Special Contracts will be through their individual allocations under Schedule 258. (N)
6. **CUSTOMER OBLIGATIONS:** Customers shall enter into an agreement with the Company, and therein must agree to designate an Energy Manager for participating facilities. The Energy Manager will routinely prepare energy accounting reports for each facility that will include information on implemented efficiency measures as well as changes to facility use that impact energy consumption, showing energy use and costs for each facility. Customers must commit staff necessary to continue resource monitoring efforts at a "match" of the time period for which the Company provides any guarantee. Furthermore, the Customer agrees to adopt an energy management plan and incorporate the guidelines from the energy management plan into standard practice for facility operations. The Agreement will be reviewed annually to determine the cost-effectiveness and assess continuance, following which either party may terminate the agreement with 30 days written notice.
7. **SCHEDULE 83:** Service under this schedule is subject to the provisions of Schedule 83, Electricity Conservation Service, contained in this tariff.
8. **GENERAL RULES AND PROVISIONS:** Service under this schedule is subject to the General Rules and Provisions contained in this tariff.

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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. (T)
(N)
(N)

 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. Cost-effective Fuel Conversion and Fuel Switching Measures that convert energy use from electric to natural gas may be recommended under this program.
 - HVAC and Refrigeration
 - 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. (T) (N)
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SCHEDULE 271
ELETRICITY ENERGY EFFICIENCY PROGRAM
Commercial/Industrial Electric Demand Response Program

1. **AVAILABILITY:** Targeted Customers with average November through March and/or May through September monthly demands great than 350 kilowatts (kW) receiving retail, Electric Service under Schedules 26, 31, 35, 40, 49, 448, 458, 449, 459 and Special Contracts of Electric Tariff G of the Company. The Company will maintain and make available program details, which will enumerate eligibility requirements, service provided by the program, funding and facility potential to reduce electric demand during program event periods. (N)
2. **PURPOSE:** This voluntary program will acquire cost-effective capacity from targeted eligible Customers during periods of need identified by the Company by reducing the electricity Demand as described in the following section.
3. **DESCRIPTION:** The program may employ a variety of methodologies and technologies. These may include both Company-owned and those owned, leased or maintained by a third-party service provider or by the Customer. Customers who participate in the program consent to make temporary, systematic reductions in discretionary end-use electric loads used in operation of buildings or production processes.
4. **FUNDING:** The program offered under this schedule will be incentive-based where the Company provides Customer incentives for performance. Costs of program operation, administration, incentives or other remuneration may be recovered through, but not limited to: Schedule 120, Bonneville Power Administration (BPA) credits, other federal or state government programs, Company funds or other approved sources. Customers on Schedules 40, 49, 448, 458, 449, 459 and Special Contracts are not required to, but may, utilize their Schedule 258 allocation to participate in this program. (N)
5. **CUSTOMER OBLIGATIONS:** Customer or eligible parties must agree to be willing participants, meet requirements of the program, and understand and accept any risks or uncertainties associated with voluntary participation. Participants must agree to provide the Company with feedback in the form of release for use of electricity Demand and Energy-use data for incentive calculation and evaluation purposes, completed surveys or interviews related to participation. Customers or eligible parties are solely responsible for and assume all liabilities associated with contracting with the program's third-party Demand response service provider and hiring and paying independent contractors to enable facilities to allow participation.

At its option, the Company may elect to contract directly with large business or government-Customers for participation of certain facilities with large electric Demand.

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