



Energy Efficiency Services

July 2011

Exhibit 4

Measures, Incentives & Eligibility

PSE

PUGET SOUND ENERGY

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7. Some of the indicated Measures have very specific requirements that must be satisfied in order to qualify for the indicated incentive. These include, but are not limited to: structural Measures (insulation, windows, etc.), HVAC applications (heat pumps, air handlers, etc.), plumbing fixtures (water heaters, boilers, etc.) and so on. Qualifications listed in this document as a part of the Measure description are of a general nature only and are indented to provide an overview for the Customer. Additional information is available on PSE.com, via an energy advisor (1-800-562-1482) and is provided in the incentive application form.

Prior to committing to a potentially large investment, (a heat pump, water heater, windows, insulation, etc.) **it is recommended that Customers visit PSE.com or call an energy advisor** to obtain the complete list of qualifications for the Measure being considered.

8. Customers, eligible parties, owners or tenants with applicable owner permission assume all liabilities associated with contracting, work performance, ensuring applicable permits are obtained and paying independent contractors. The Company may provide contractor referral services for applicable Measures.
9. General terms and requirements for incentive qualification include, but are not limited to:
 - Purchase receipt or invoice, indicating the date of purchase,
 - Address (the physical location) of where the Measure is being installed,
 - Name of person(s) claiming the incentive,
 - The structure must be receiving natural gas or electric service from the Company at the time of incentive application.

Acronyms, Continued

MEF	Manufacturers Efficiency Factor
NEMA	National Electrical Manufacturers Association
O&M	Operations and Maintenance
ODP	Open Drip-Proof (motors)
PTCS	Performance Tested Comfort Systems
PTHP	Package Terminal Heat Pump
SEER	Seasonal Energy Efficiency Ratio
TEFC	Totally Enclosed, Fan-Cooled (motors)
TRC	Total Resource Cost
UC	Utility Cost
ULI	Urban Land Institute
USGBC	U.S. Green Building Council
UL	Underwriters' Laboratory
VAV	Variable Air Volume
VFD	Variable Frequency Drive
WAMOA	Washington Association of Maintenance and Operations Administrators
WF	Water Factor: a measure of water consumption. A higher number, representing lower efficiency, is less desirable.
WSEC	Washington State Energy Code

Electronic Newsletters

“Energy at Home” is a quarterly e-newsletter promoting Energy Efficiency Services to customers who elect to subscribe using an e-mail address. This free service contains articles about energy efficiency, timely seasonal tips, and links to PSE program information and rebates for energy efficient products. A similar quarterly “Energy in Business” e-newsletter features case studies of energy efficiency projects at PSE customer sites, as well as announcements of upcoming training opportunities. Energy Education Newsletter is a quarterly e-newsletter offering student, teachers and sponsors on expanded ways to learn and take action on energy conservation tips, environmental events, student activities and upcoming energy efficiency projects.

Events

PSE participates in trade shows, community events and homeowner/trade ally associations’ venues that provide avenues, such as seminars and workshops, to attract PSE residential and business customers to the features/benefits of energy efficiency programs.

Residential Low Income Weatherization

Eligibility

Customers

Low-income Customers; including owners and tenants of single family, multi-family, manufactured or mobile homes that meet federal poverty guidelines issued by The Washington State Department of Commerce and natural gas and/or electricity from PSE. Low Income agencies are contracted with PSE to perform customer income eligibility, manage the installation and track and report projects to PSE.

Structures

Measures apply to existing single-family, multi-family and mobile home structures.

Funding Categories

Single Family, Multi-Family and Mobile Home Structure improvements, as detailed below, include the following improvement categories:

- Building envelope Improvements
- Heating system upgrades
- Water heating upgrades
- Lighting upgrades
- Appliance replacement
- Common are upgrades

The majority of measure funding falls into three categories; paid per *square or linear foot*, per *measure* (for example, a CFL bulb), per *structure* (for example, one furnace or water heater per home).

Per Structure Basis Measures**Payment**

- Programmable Thermostat
(One per structure with electric furnace or heat pump) \$202.50
- Duct Sealing with other measures (unconditioned spaces) \$472.50
- Water Heater Pipe Insulation (3 feet, or more, with minimum thermal value of R-3) \$13.50
- Refrigerator Replacement \$565.00
(In accordance with US DOE protocol and Commerce requirements)
- Water Heater Replacement (.95 EF or greater, 45-55 gallons) \$67.00
- Ductless Heat Pump \$3,407.00
(AHRI certified, inverter technology, minimum 1.0 ton)

Multi Family, Existing**Per Square-Foot Basis Measures**

<u>Measures</u>	<u>R-Exist</u>	<u>R-New</u>	<u>Payment</u>
Ceiling Insulation	0	38	\$1.82
	1	38	\$1.77
	2	38	\$1.71
	3	38	\$1.66
	4	38	\$1.63
	5	38	\$1.60
	6	38	\$1.57
	7	38	\$1.54
	8	38	\$1.51
	9	38	\$1.48
	10	38	\$1.45
	11	38	\$1.42
	19	38	\$0.95
	5 (max)	19 (min)	\$2.00
Duct Insulation	0	11	\$5.75
Floor Insulation	0	19	\$1.87
	0	25	\$2.04
	0	30	\$2.20
	11	30	\$1.13
Tapered Rigid Board	5 (max)	38 (min)	\$2.43
Wall Insulation	0	13	\$1.91
Windows	Single pane	U value 0.30	\$16.20
	Double pane	U value 0.30	\$6.00
	Single pane	U value 0.25 (triple pane)	\$18.00
	Double pane	U value 0.25 (triple pane)	\$8.00

Per Measure Basis

	<u>Payment</u>
• Energy Star® CFL Light Fixtures or equivalent	\$63.40
• Energy Star® CFL Screw-in Lamps or equivalent	\$10.80
• Light Socket Conversion Assembly (Compact fluorescent lamp included)	\$12.80

Per Structure Basis Measures

	<u>Payment</u>
• Duct Sealing with other measures (unconditioned spaces)	\$472.50
• Water Heater Pipe Insulation (3 feet or more, with minimum thermal value of R-3)	\$13.50
• Programmable Thermostat (One per structure with electric furnace or heat pump)	\$202.50
• Refrigerator Replacement ○ (In accordance with US DOE protocol and Commerce requirements)	\$565.00
• Water Heater Replacement (.95 EF or greater, 45-55 gallons)	\$67.00
• Ductless Heat Pump (AHRI certified, inverter technology, minimum 1.0 ton)	\$3,407.00

Natural Gas Funding**Single Family, Existing****Per Square-Foot Basis Measures**

<u>Measures</u>	<u>R-Exist</u>	<u>R-New</u>	<u>Payment</u>
Ceiling Insulation	0	38	\$1.82
	1	38	\$1.77
	2	38	\$1.71
	3	38	\$1.66
	4	38	\$1.63
	5	38	\$1.60
	6	38	\$1.14
	7	38	\$1.14
	8	38	\$1.14
	9	38	\$1.14
	10	38	\$1.14
	11	38	\$1.14
	5 (max)	19 (min)	\$1.14
Duct Insulation	0	11	\$2.86
Floor Insulation	0	19	\$1.71
	0	25	\$1.90
	0	30	\$2.00
Wall Insulation	0	13	\$1.14

Per Square-Foot Basis Measures, continued

Floor Insulation	0	19	\$1.40
	0	25	\$1.50
	0	30	\$1.60
Tapered Rigid Board	5 (max)	38(min)	\$2.00
Wall Insulation	0	13	\$1.00
Windows	Single pane	U value 0.30	\$9.00

Per Measure Basis**Payment**

- Energy-efficient Shower Head \$29.70

Per Structure Basis Measures**Payment**

- Water Heater Pipe Insulation (3 feet or more with minimum thermal value of R-3) \$6.75
- Energy Star® Qualified Gas Furnace or equivalent \$692.00
- Energy Star® qualified Gas Water Heater (.67 EF or greater) \$158.00
- Energy Star® qualified Tankless Water Heater (.90 EF or greater) \$923.00
- Common Area Projects² Calculated Incentive
 - Space Heating Boiler
 - Domestic Water Boiler
 - Pool Heating Boiler
 - Solar Pool Heater
 - Solar Water Heater
 - Solar Space Heat

² All calculated *incentives will be evaluated using currently accepted PSE commercial engineering calculations

Energy-Related Repairs Funding

All Structures

Measures

Health and Safety Repairs (including, but not limited to:)

- Electrical safety inspection and repairs
- Extermination of pests, insects or rodents
- Mold/mildew abatement
- Installation of carbon monoxide monitors in homes with natural gas

Weatherization-Related Repairs (including, but not limited to:)

- Roof repair
- Plumbing repair
- Mobile home skirt repair
- Ground Cover

Ventilation

- Installation of proper bath and kitchen ventilation
- Crawlspace and attic ventilation

Furnace/Water Heater Repair, Maintenance, or Replacement

Energy Education

- In-unit and group consultations

Manufactured Homes	Energy Star® or Eco-rated Manufactured Home	\$150.00
Water Heating	High Efficiency Natural Gas Water Heater (greater than or equal to 0.62 Energy Factor)	\$40.00
	Tankless Water Heater (Greater than or equal to 0.82 EF)	\$150.00

New Energy Star® or Eco-rated Manufactured Homes are only eligible for the Manufactured Homes incentive. They are not eligible to receive both the Manufactured Homes incentive in addition to another incentive listed above.

Only one heating duct incentive eligible per installation address. Aligns with Energy Star® homes Builder Option Package One (BOP 1) specification.

Electric Service

<u>Category</u>	<u>Measure</u>	<u>Maximum Amount / each</u>
Appliances	Energy Star® Clothes Washer (Energy Star® qualified Washing machine with a MEF of 2.2 to 2.45)	\$50.00
	Energy Star® Clothes Washer (Energy Star® qualified Washing machine greater than or equal to 2.46 MEF)	\$100.00
	Energy Star® Refrigerator	\$50.00
Home Bonus	Energy Star® Homes (Homes must be Certified Energy Star® Homes NW or equivalent)	\$50.00
Lighting	Energy Star® CFL Bulbs & recycling	\$4.00 (no charge to customer for direct installs)
	Energy Star® CFL Fixtures & recycling	\$20.00
	Energy Star® Linear Fixture (decorative only) & recycling	\$20.00
	Energy Star® CFL Ceiling Fan Fixtures	\$20.00
	Light socket conversion assembly; converts screw-in lighting sockets to plug-in type	\$4.00
Manufactured Homes	Energy Star® Manufactured Home	\$300.00
Space Conditioning (Tiered incentive)	Heat Pump 8.5 HSPF, 14 SEER -or- 9.0 HSPF, 14 SEER	\$200.00 \$350.00
	Ventilation	Whole house ventilation

New Energy Star® or Eco-rated Manufactured Homes are only eligible for the Manufactured Homes incentive. They are not eligible to receive both the Manufactured Homes incentive in addition to another incentive listed above.

Natural Gas service, Continued

Water Heating	Energy Star® Gas Water Heater (greater than or equal to 0.67 Energy Factor)	\$100.00
	Energy Star® tankless Water Heater	
	Tier 1 = greater than or equal to 0.82 EF	\$150.00
	Tier 2 = greater than or equal to 0.90 EF	\$200.00
	2.0 gallon per minute or less bathroom showerhead (EPA WaterSense Labeled)	\$10.00
Weatherization	Attic Insulation (R-11 or less to R-38)	\$200.00/unit
	Floor Insulation (R-0 to R-30)	\$200.00/unit
	Wall Insulation (R-0 to R-11)	\$200.00/unit
	Duct Insulation (R-0 to R-11)	\$200.00/unit
	Manufactured homes duct sealing	Direct Install - No cost to eligible customers
	Quality Assured Duct Sealing	Direct Install - No cost to eligible customers
	Home Performance with Energy Star Rebate	\$450.00

Specific requirements for above incentives

- Some structural, HVAC and water heat Measures require qualified contractor installation in order to be eligible for the indicated incentive.

Electric Service, continued

<u>Category</u>	<u>Measure</u>	<u>Maximum Incentive / each</u>
Water Heating	2.0 gallon per minute or less bathroom showerhead (EPA WaterSense Labeled)	\$10.00
	Energy Star® Heat Pump Water Heater (greater than or equal to 2.0 EF)	\$250.00*
	<i>* Incentive may occur at the manufacturer, distributor, contractor, retailer or consumer level. (Please see Section 3 of the General Guidelines, page 1 of this document.)</i>	
	High Efficiency Electric Water Heater (greater than or equal to .94 EF)	\$50.00
	Waste Water Heat Recovery (Models with an efficiency of 42% or greater.)	\$250.00
Weatherization	Attic Insulation (R-11 or less to R-38)	\$200.00/unit
	Floor Insulation (R-0 to R-30)	\$200.00/unit
	Wall Insulation (R-0 to R-13)	\$200.00/unit
	Duct Insulation (R-0 to R-11)	\$200/unit
	Manufactured home duct sealing	Direct Install - No cost to eligible customers
	Quality Assured Duct Sealing	Direct Install - No cost to eligible customers
	Home Performance with Energy Star Rebate	\$450.00

Specific requirements for above incentives

- Some structural, HVAC and water heat Measures require qualified contractor installation in order to be eligible for the indicated incentive.

Measures and Incentives – Based on 2009 WSEC
All Structure Types**Natural Gas Service**

<u>Category</u>	<u>Measure</u>	<u>Incentive Amount / each</u>
Common Area Space Heating	Heat Recovery in common spaces with hydronic heat and NO mechanical cooling.	\$0.18 - \$0.32/ total served common area sq foot
Residential Space Heating	Hydronic Heat in Low-Rise/Mid-Rise buildings using fully condensing boiler with external storage tank (efficiency greater than or equal to 0.93)	\$0.05/total served conditioned sq. foot
	Hydronic Heat in Low-Rise/Mid-Rise buildings using fully condensing water heater (efficiency greater than or equal to 0.93)	\$0.04/total served conditioned sq. foot
Water Heating	2.0 Gallon Per Minute or less shower heads with gas water heat	\$5.00
		\$0.129/total conditioned sq. foot of dwelling units
	Condensing Boiler with external storage tank (efficiency greater than or equal to 0.93)	
	Condensing Water Heater (efficiency greater than or equal to 0.93)	\$0.040/total conditioned sq. foot of dwelling units

- Many structural, HVAC and water heat Measures require qualified contractor installation in order to be eligible for the indicated incentive.

Multi-Family New Construction Electric Measures, continued

Envelope	Windows - Upgrade weighted U-Value of glazed areas in Hi-Rise buildings to U-0.30 or better. Applies to metal frame windows only.	\$1.00/sq. foot of glazed area
Residential Space Heating	Package Terminal Heat Pump - Convert from electric resistance heat in Low-Rise/Mid-Rise buildings to WSEC efficiency thru-wall heat pump (PTHP)	\$300-400 / residential dwelling unit
Ventilation	Garage CO Demand Control Ventilation with VFD fan control	\$320.00 per HP
Water Heating	Drain Water Heat Recovery – preheat electric resistance hot water tank with gravity film heat recovery device with at least 42% efficiency or greater.	\$183 / unit
	2.0 gpm or less shower heads – Electric water heat	\$5.00

- Many structural, HVAC and water heat Measures require qualified contractor installation in order to be eligible for the indicated incentive.

Incentives

All Structure Types

Natural Gas Service

<u>Category</u>	<u>Measure</u>	<u>Maximum Amount</u>
Building Envelope	Attic Insulation R-0 to 38	\$0.50/sq. foot
	Floor insulation R-0 to 30	\$0.50/sq. foot
HVAC	Energy Star® qualified Gas Furnace	\$250.00 each
	Replace Existing Space Heat Boiler	Calculated incentive
	Replace existing space heat boiler	Calculated Incentive
Windows (Low and mid-rise structures only)	Replace Existing Domestic Water Boiler	Calculated incentive
	Window Replacement; Single-Pane to High Efficiency double-Pane. U value 0.30 or less.	\$4.00/sq. foot
	Window Replacement; Single-Pane to High Efficiency triple-Pane. U value 0.25 or less.	\$4.00/sq. foot
Water Heating	Direct install 1.75 Gallon Per Minute or less shower heads	Direct Install: no charge to customer
	Tankless water heater	\$150.00 each

Specific requirements for above incentives

- A signed Multifamily Incentive Application must be authorized by PSE prior to installation of upgrades
- Customer must meet all requirements outlined in the most current 2010-11 PSE Multifamily Retrofit Program Guidelines to participate and receive incentives
- A Multifamily Payment Request must be authorized by PSE in order to execute incentive payment
- All calculated incentives will be evaluated using currently accepted PSE commercial engineering calculations
- All installed measures and incentives require installation by a qualified contractor.

Multi-Family Existing Electric Measures, continued

Windows (Low and mid-rise structures only)	Single-Pane to High Efficiency Double-Pane. U value 0.30 or less.	\$5.00/sq. foot
	Window Replacement; Single-Pane to High Efficiency triple-Pane. U value 0.25 or less.	\$7.00/sq foot
	Window Replacement; Double -Pane to High Efficiency Double-Pane. U value 0.30 or less.	\$5.00/sq. foot
	Window Replacement; Double-Pane to High Efficiency Triple-Pane. U value 0.25 or less.	\$5.00/sq. foot

Specific requirements for above incentives

- A signed Multifamily Incentive Application must be authorized by PSE prior to installation of upgrades.
- Customer must meet all requirements outlined in the most current 2010-11 PSE Multifamily Retrofit Program Guidelines to participate and receive incentives.
- A Multifamily Payment Request must be authorized by PSE in order to execute incentive payment
- All calculated incentives will be evaluated using currently accepted PSE commercial engineering calculations.
- All installed measures and incentives require installation by a qualified contractor

Specific requirements for Fuel Conversion incentives

- For Space Heating, must be a PSE electric Customer who currently uses electric heating as primary source of space heat.
- For Water Heating, must be a PSE electric Customer who has an electric storage water heater and uses electricity as primary source for water heating.
- Rebate is subject to minimum kilowatt-hour amounts used by Customer as determined by PSE.
- The rebate applicant installs gas-only heating equipment to meet the entire space heating requirements of the dwelling.
- Rebate applicants are ineligible if a heat pump is installed in conjunction with natural gas equipment.
- Customer is responsible for complying with all applicable codes and regulations.
- Rebates are paid directly to the Customer.
- Rebate form must be submitted within 30 days of completion of energy efficiency measure(s) installation.
- PSE reserves the right to inspect fuel conversion measures and will coordinate inspection as applicable.
- Rebate is limited to 75 percent of Total Measure Cost.

Other requirements may apply.

Incentives are paid in three phases. Half of the incentive, for all phases except the performance bonus, is paid after the investigation phase is complete. The second half of the incentive is paid after the training/systems manual phase. The performance bonus incentive is paid after verification that the actual first year savings meet the minimum percent savings requirements and the savings recommendations are still in place. If, after the Scoping/Plan phase, it is determined that the building is an inappropriate candidate for savings through the program, only the scoping & plan incentive will be paid.

EXISTING BUILDING COMMISSIONING INCENTIVE/CUSTOMER COST SUMMARY			
Description	Building's Utility Services		
	PSE All Services	PSE Electric Only (Other Gas)	PSE Gas Only (Other Elec)
Scoping & Plan Incentive			
100% of Cost, up to:	\$3,000	\$2,000	\$2,000
Investigation & Verification Incentive			
Maximum Percent of Investigation & Verification Cost	70%	40%	30%
Incentive up to:	\$0.25/sq.ft.	\$0.20/sq.ft.	\$0.10/sq.ft.
Implementation of Recommendations Customer Cost			
Customer pays for items with at least 2 year payback			
Maximum Required Customer Cost	\$0.15/sq.ft.	\$0.10/sq.ft.	\$0.10/sq.ft.
Training & Systems Manual Incentive			
100% of Cost, up to:	\$5,000	\$3,000	\$3,000
1 Year Performance Bonus Incentive			
Minimum Annual Savings Required	10%	10%	15%
Maximum Percent of Investigation & Verification Cost	30%	20%	15%
Incentive up to:	\$0.10/sq.ft.	\$0.08/sq.ft.	\$0.05/sq.ft.

Commercial/Industrial New Construction Incentives, Continued

(C) Component Approach	<p><u>Lighting</u>: lesser of 50% of the incremental cost or \$0.20 per annual kWh savings, subject to PSE Cost-Effective Standards.</p> <p><u>Non-lighting</u>: lesser of 70% of the incremental cost or \$0.30 per annual kWh savings, subject to PSE Cost-Effective Standards.</p> <p><u>Natural gas</u>: lesser of 70% of the incremental cost or \$5.00 per annual therm savings, subject to PSE Cost-Effective Standards..</p>	When doing in lieu of whole building approaches.
(D) Rebates Measure	See eligible measures list under Commercial & Industrial Incentives section.	See eligible measures list under Commercial and Industrial Incentive section.

New Construction Commissioning (CX) Incentives (\$/Ft² conditioned space):

<u>Phase</u>	<u>Incentive (\$/Ft²)</u>	<u>Eligibility</u>
Design Phase	\$0.10	All PSE service: Gas &/or Electric Service; Independent CX Provider
Construction Phase	\$0.15	
Post-Occupancy Phase	\$0.25	
Design Phase	\$0.08	PSE Electric Only Service, Other Gas Provider; Independent CX Provider
Construction Phase	\$0.12	
Post-Occupancy Phase	\$0.20	
Design Phase	\$0.02	PSE Gas Only Service, Other Electric Provider; Independent CX Provider
Construction Phase	\$0.03	
Post-Occupancy Phase	\$0.04	

Additional Path Measures	Incentives	
<i>To complete the package select at least one other path measure</i>	Gas Heat	Electric Heat
1. Improve wall insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.20 / sqft conditioned space	\$ 0.20 / sqft conditioned space
2. Improve roof insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.20 / sqft conditioned space	\$ 0.20 / sqft conditioned space
3. Reduced lighting wattage at least 10% below WSEC	\$ 0.20 / sqft conditioned space	\$ 0.20 / sqft conditioned space
4. High efficiency HVAC - better than required by WSEC (CEE Tier 1)	\$ 0.20 / sqft conditioned space	\$ 0.20 / sqft conditioned space
5. High efficiency windows with better than required by WSEC ($U \leq 0.35$)	\$ 0.20 / sqft conditioned space	\$ 0.20 / sqft conditioned space
Enhanced Measures	Incentives	
<i>OPTIONAL: add enhanced measures to receive additional incentives</i>	Gas Heat	Electric Heat (Heat Pump)
Lighting Measures		
1. Additional interior lighting wattage reduction below WSEC (beyond 10%)	\$ 0.01 / 0.01 watt per sqft reduction / sqft conditioned space	\$ 0.01 / 0.01 watt per sqft reduction / sqft conditioned space
3. Daylighting controls in high ceiling retail with skylights to WSEC electric resistance heat level and functional performance testing	\$ 1.30 / sqft daylit space	\$ 1.30 / sqft daylit space
4. Reduced lighting wattage in parking garages at least 10% below WSEC	\$ 0.005 / % reduction / sqft garage space	\$ 0.005 / % reduction / sqft garage space
Envelope Measures		
5. Higher efficiency windows - upgrade to $U \leq 0.33$	\$ 0.01 / sqft conditioned space	\$ 0.01 / sqft conditioned space

PSE Prescriptive Package – Office		
Path A - Enhanced HVAC Controls		
Package Incentives are based on the path chosen (A, B, or C) and the main type of heating in the building - gas or electric. Refer to the package incentive table below to determine package options and incentives for the package of measures selected.		
Main Path Measures	Incentives	
<i>For the PSE Office Prescriptive Package, select main path measure, one or more additional path measures, and optional enhanced measures to build a package and determine incentives.</i>	Gas Heat	Electric Heat
A. Enhanced HVAC Controls with Functional Performance Testing For All buildings <ul style="list-style-type: none"> • Optimum Start • Warm-up with outside air lockout • Thermostat with holiday scheduling • Enhanced economizer control <ul style="list-style-type: none"> – Economizer lock out at outside air temperature above 70 F or at return air temperature – Integrated economizer for small packaged units (cooling capacity <65,000 btu/h) PLUS: For Heat Pumps <ul style="list-style-type: none"> • Electric strip heat lockout above 35 F outside air temperature For VAV Systems <ul style="list-style-type: none"> • Supply air reset based on load rather than outside air temperature • Use fans and heat in VAV boxes, not central AHU fan and heat, in warm-up or in night set-back (exception: non-fan boxes if AHU uses minimum needed supply air and has outside air damper closed) For Hydronic Systems <ul style="list-style-type: none"> • CW & HW variable flow with VFD pumps and pressure control • CW & HW temperature reset based on load rather than outside air temperature 	\$ 0.30 / sqft conditioned space	\$ 0.20 / sqft conditioned space

HVAC Measures		
5. Higher Efficiency Air Cooled Chiller (beyond 5% IPLV improvement)	\$ 0.023 / 5% IPLV improvement/ sqft conditioned space	\$ 0.023 / 5% IPLV improvement/ sqft conditioned space
6. Higher Efficiency HVAC system (CEE Tier 2)	\$ 0.02 / sqft conditioned space	\$ 0.02 /sqft for DX cooling; \$ 0.035 / sqft for heat pump
7. Electronically commuted motors (ECM) for variable air volume (VAV) boxes	\$ 0.12 / sqft space served by box	\$ 0.12 / sqft space served by box
8. NEMA Premium Efficiency motors beyond WSEC <ul style="list-style-type: none"> • Totally Enclosed Fan Cooled (TEFC) <ul style="list-style-type: none"> 1 – 5 HP \$ 20 / HP 7.5 – 100 HP \$ 7 / HP 125 – 200 HP \$ 3 / HP • Open Drip-Proof Motors (ODP) <ul style="list-style-type: none"> 1 – 5 HP \$ 8 / HP 7.5 – 100 HP \$ 4 / HP 125 – 200 HP \$ 2 / HP 		
10. Parking garage ventilation CO control with Variable Frequency Drive (VFD) and functional performance testing	\$ 600 / HP of controlled fans	\$ 600 / HP of controlled fans

PSE Prescriptive Package – Office		
Path B – Envelope to WSEC Zone 2		
<p>Package Incentives are based on the path chosen (A, B, or C) and the main type of heating in the building - gas or electric. Refer to the package incentive table below to determine package options and incentives for the package of measures selected.</p>		
Main Path Measures	Incentives	
<i>For the PSE Office Prescriptive Package, select main path measure, one or more additional path measures, and optional enhanced measures to build a package and determine incentives.</i>	<i>Gas Heat</i>	<i>Electric Heat</i>
<p>B. Building Envelope Improvements</p> <ul style="list-style-type: none"> • Improve wall insulation to WSEC Zone 2 electric resistance heat level • Improve roof insulation to WSEC Zone 2 electric resistance heat level • Improve windows to WSEC electric resistance heat level <p>(Zone 2 buildings heated by electric resistance heat not eligible)</p>	\$ 0.80 / sqft conditioned space	\$ 1.00 / sqft conditioned space

7. Electronically commuted motors (ECM) for variable air volume (VAV) boxes	\$ 0.12 / sqft space served by box	\$ 0.12 / sqft space served by box
8. NEMA Premium Efficiency motors beyond WSEC <ul style="list-style-type: none"> • Totally Enclosed Fan Cooled (TEFC) <ul style="list-style-type: none"> 1 – 5 HP \$ 20 / HP 7.5 – 100 HP \$ 7 / HP 125 – 200 HP \$ 3 / HP • Open Drip-Proof Motors (ODP) <ul style="list-style-type: none"> 1 – 5 HP \$ 8 / HP 7.5 – 100 HP \$ 4 / HP 125 – 200 HP \$ 2 / HP 		
9. Parking garage ventilation CO control with Variable Frequency Drive (VFD) and functional performance testing	\$ 600 / HP of controlled fans	\$ 600 / HP of controlled fans

PSE Prescriptive Package – Office		
Path C – Condensing Boiler		
<p>Package Incentives are based on the path chosen (A, B, or C) and the main type of heating in the building - gas or electric. Refer to the package incentive table below to determine package options and incentives for the package of measures selected.</p>		
Main Path Measures	Incentives	
<i>For the PSE Office Prescriptive Package, select main path measure, one or more additional path measures, and optional enhanced measures to build a package and determine incentives.</i>	Gas Heat	Electric Heat
C. Condensing Boiler for space heating with hot water reset and oversized coils to ensure low return water temperature and with functional performance testing (hydronic systems only)	\$ 0.50 / sqft conditioned space	N/A
Additional Path Measures	Incentives	
<i>To complete the package select at least one other path measure</i>	Gas Heat	Electric Heat
1. Improve wall insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.25 / sqft conditioned space	N/A
2. Improve roof insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.25 / sqft conditioned space	N/A
3. Improve windows to WSEC electric resistance heat level (buildings heated by electric resistance heat not eligible)	\$ 0.25 / sqft conditioned space	N/A
4. Additional window improvement beyond WSEC electric resistance heat level ($U \leq 0.35$)	\$ 0.25 / sqft conditioned space	N/A
5. Enhanced HVAC controls with functional performance testing	\$ 0.25 / sqft conditioned space	N/A

8. NEMA Premium Efficiency motors beyond WSEC <ul style="list-style-type: none"> • Totally Enclosed Fan Cooled (TEFC) <ul style="list-style-type: none"> 1 – 5 HP 7.5 – 100 HP 125 – 200 HP • Open Drip-Proof Motors (ODP) <ul style="list-style-type: none"> 1 – 5 HP 7.5 – 100 HP 125 – 200 HP 	\$ 20 / HP \$ 7 / HP \$ 3 / HP \$ 8 / HP \$ 4 / HP \$ 2 / HP	N/A
9. Parking garage ventilation CO control with Variable Frequency Drive (VFD) and functional performance testing	\$ 600 / HP of controlled fans	N/A

Additional Path Measures	Incentives	
<i>To complete the package select at least one other path measure</i>	Gas Heat	Electric Heat
1. Improve wall insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by resistance heat not eligible)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
2. Improve roof insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by resistance heat not eligible)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
3. Improve windows to WSEC electric resistance heat level (buildings heated by electric resistance heat not eligible)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
4. Additional window improvement beyond WSEC electric heat resistance level ($U \leq 0.35$)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
5. Condensing boiler for space heating with hot water reset and oversized coils to ensure low return water temperature and with functional performance testing (hydronic systems only)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
6. Reduced lighting wattage at least 20% below WSEC	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
7. High efficiency HVAC - better than required by WSEC (CEE Tier 1; water source heat pump 5% improvement; chiller 5% IPLV improvement)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
Enhanced Measures	Incentives	
<i>OPTIONAL: add enhanced measures to receive additional incentives</i>	Gas Heat	Electric Heat
Lighting Measures		
1. Additional interior lighting wattage reduction below WSEC (beyond 20%)	\$ 0.01 / 0.01 watt per sqft reduction / sqft conditioned space	\$ 0.01 / 0.01 watt per sqft reduction / sqft conditioned space
2. Daylighting controls in gym with skylights to WSEC electric resistance heat level and functional performance testing	\$ 0.60 / sqft of daylit space	\$ 0.42 / sqft of daylit space
3. Reduced lighting wattage in parking garages at least 10% below WSEC	\$ 0.005 / % reduction / sqft garage space	\$ 0.005 / % reduction / sqft garage space
Envelope Measures		
4. Higher efficiency windows – upgrade to $U \leq 0.33$	\$ 0.02 / sqft conditioned space	\$ 0.03 / sqft conditioned space

PSE Prescriptive Package – Schools		
Path B – Envelope to WSEC Zone 2		
<p>Package Incentives are based on the path chosen (A, B, or C) and the main type of heating in the building - gas or electric. Refer to the package incentive table below to determine package options and incentives for the package of measures selected.</p>		
Main Path Measures	Incentives	
<i>For the PSE Schools Prescriptive Package, select main path measure, one or more additional path measures, and optional enhanced measures to build a package and determine incentives.</i>	<i>Gas Heat</i>	<i>Electric Heat</i>
<p>B. Building Envelope Improvements Envelope Improvements</p> <ul style="list-style-type: none"> • Improve wall insulation to WSEC Zone 2 electric resistance heat level • Improve roof insulation to WSEC Zone 2 electric resistance heat level • Improve windows to WSEC electric resistance heat level <p>(Zone 2 buildings heated by electric resistance heat not eligible)</p>	\$ 0.80 / sqft conditioned space	\$ 0.85 / sqft conditioned space
Additional Path Measures	Incentives	
<i>To complete the package select at least one other path measure</i>	<i>Gas Heat</i>	<i>Electric Heat</i>
1. Additional window improvement beyond WSEC electric resistance heat level ($U \leq 0.35$)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
2. Condensing boiler for space heating with hot water reset and oversized coils to ensure low return water temperature and with functional performance testing (hydronic systems only)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
3. Reduced lighting wattage at least 20% below WSEC	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
4. High efficiency HVAC - better than required by WSEC (CEE Tier 1; water source heat pump 5% improvement; chiller 5% IPLV improvement)	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space
5. Enhanced HVAC controls with functional performance testing	\$ 0.10 / sqft conditioned space	\$ 0.15 / sqft conditioned space

10. NEMA Premium Efficiency motors beyond WSEC <ul style="list-style-type: none"> • Totally Enclosed Fan Cooled (TEFC) <ul style="list-style-type: none"> 1 – 5 HP \$ 20 / HP \$ 20 / HP 7.5 – 100 HP \$ 7 / HP \$ 7 / HP 125 – 200 HP \$ 3 / HP \$ 3 / HP • Open Drip-Proof Motors (ODP) <ul style="list-style-type: none"> 1 – 5 HP \$ 8 / HP \$ 8 / HP 7.5 – 100 HP \$ 4 / HP \$ 4 / HP 125 – 200 HP \$ 2 / HP \$ 2 / HP 		
11. Parking garage ventilation CO control with Variable Frequency Drive (VFD) and functional performance testing	\$ 600 / HP of controlled fans	\$ 600 / HP of controlled fans

PSE Prescriptive Package - Schools		
Path C – Condensing Boiler		
<p>Package Incentives are based on the path chosen (A, B, or C) and the main type of heating in the building - gas or electric. Refer to the package incentive table below to determine package options and incentives for the package of measures selected.</p>		
Main Path Measures	Incentives	
<i>For the PSE Schools Prescriptive Package, select main path measure, one or more additional path measures, and optional enhanced measures to build a package and determine incentives.</i>	<i>Gas Heat</i>	<i>Electric Heat</i>
C. Condensing Boiler for space heating with hot water reset and oversized coils to ensure low return water temperature and with functional performance testing (hydronic systems only)	\$ 0.60 / sqft conditioned space	N/A
Additional Path Measures	Incentives	
<i>To complete the package select at least one other path measure</i>	<i>Gas Heat</i>	<i>Electric Heat</i>
1. Improve wall insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.10 / sqft conditioned space	N/A
2. Improve roof insulation to WSEC Zone 2 electric resistance heat level (Zone 2 buildings heated by electric resistance heat not eligible)	\$ 0.10 / sqft conditioned space	N/A
3. Improve windows to WSEC electric resistance heat level (buildings heated by electric resistance heat not eligible)	\$ 0.10 / sqft conditioned space	N/A
4. Additional window improvement beyond WSEC electric resistance heat level ($U \leq 0.35$)	\$ 0.10 / sqft conditioned space	N/A
5. Enhanced HVAC controls with functional performance testing	\$ 0.10 / sqft conditioned space	N/A
6. Reduced lighting wattage at least 20% below WSEC	\$ 0.10 / sqft conditioned space	N/A

<p>10. NEMA Premium Efficiency motors beyond WSEC</p> <ul style="list-style-type: none"> • Totally Enclosed Fan Cooled (TEFC) <ul style="list-style-type: none"> 1 – 5 HP 7.5 – 100 HP 125 – 200 HP • Open Drip-Proof Motors (ODP) <ul style="list-style-type: none"> 1 – 5 HP 7.5 – 100 HP 125 – 200 HP 	<p>\$ 20 / HP \$ 7 / HP \$ 3 / HP \$ 8 / HP \$ 4 / HP \$ 2 / HP</p>	<p>N/A</p>
<p>11. Parking garage ventilation CO control with Variable Frequency Drive (VFD) and functional performance testing</p>	<p>\$ 600 / HP of controlled fans</p>	<p>N/A</p>

<p align="center">LEED Prescriptive Program Package NBI Core Performance Package Requirements</p>	
<p align="center">Core Performance Measures Requires installation of all 13 Core Performance Measures</p>	<p align="center">Incentive</p>
<ol style="list-style-type: none"> 1. Energy Code Compliance 2. Continuous Air Barrier 3. Minimum IAQ performance 4. Below-Grade Exterior Performance 5. Opaque Envelope Performance 6. Fenestration Performance 7. Lighting Controls 8. Lighting Power Density 9. Mechanical Efficiency Requirements 10. Dedicated Mechanical Systems 11. Demand Control Ventilation 12. Domestic Hot Water System Efficiency 13. Fundamental Economizer Performance 	<p align="center">\$ 0.50 / sqft of conditioned space</p>
<p>Details at: http://www.newbuildings.org; http://www.usgbc.org</p>	

<p align="center">BPA Package for Offices – Energy Smart Design For Offices Only</p>	
<p align="center">Office Package Measures Requires installation of all 7 Office Package Measures</p>	<p align="center">Incentive</p>
<ol style="list-style-type: none"> 1. Cooling Efficiency CEE Tier 2 2. Higher efficiency windows – upgrade to $U \leq 0.35$ 3. Window Solar Heat Gain Coefficient (SHGC) ≤ 0.30 4. Enhanced economizer with functional performance testing 5. Integrated design of HVAC system with checklist 6. Lighting wattage reduction to 0.75 watts/sqft 7. Occupancy sensors where not required by code for lighting loads >100 watts 	<p align="center">\$ 0.50 / sqft of conditioned space</p>
<p>Details at: http://www.bpa.gov/esd</p>	

Lighting

Measure	Amount	Eligibility
Compact Fluorescent Lamps		Purchasing and installing a qualified specialty lamp where a similar style incandescent lamp would normally be used.
	(A) \$3.00/unit	ENERGY STAR® qualified lamps less than 26 Watts (Including qualifying cold cathodes with warranties of at least 2 years and which produce at least 35 lumen per Watt)
	(B) \$6.00/unit	ENERGY STAR® qualified reflector or specialty lamps less than 40 Watts (Including qualifying cold cathodes with warranties of at least 2 years and which produce at least 35 lumen per Watt)
	(C) \$6.00/unit	ENERGY STAR® qualified lamps 26 to 39 Watts (including qualifying cold cathodes with warranties of at least 2 years and which produce at least 35 lumen per Watt)
	(D) \$12.00/unit	ENERGY STAR® qualified lamps greater than or equal to 40 Watts (including qualifying cold cathodes with warranties of at least 2 years and which produce at least 35 lumen per Watt)
	25¢ per lamp reseller, dealer or vendor incentive. ⁴	Incentive is capped at \$200 per site.

⁴ To qualify for the additional Dealer incentive, the contractor or vendor must be under agreement with PSE.

Small Business Lighting Replacement Table, cont.

Measure	Device/Unit Is Replacing:	Amount	Eligible Replacements
	F40T12, One or two-lamp fixture with one magnetic ballast	\$40.00/fixture	"Lamp-for-lamp": F32T8 lamp(s). Low ballast factor ballast required.
	F40T12, Three or four-lamp fixture with two magnetic ballasts	\$45.00/fixture	"Lamp-for-lamp": F32T8 lamp(s). Low ballast factor ballast required.
	F40T12, Four-lamp fixture with two magnetic ballasts	\$50.00/fixture	Reduce lamps to two F32T8 lamps and one electronic ballast.
	F40T12, One or two-lamp fixture, one magnetic ballast.	\$40.00/fixture	One or two F32T8 lamp(s). <i>Low ballast factor</i> required.
	F40T12, Three or four-lamp fixture, magnetic ballasts.	\$70.00/fixture	Lamps reduced to two or three F32T8. <i>Low ballast factor</i> ballast recommended.
	F96T12 One lamp fixture, one magnetic ballast	\$60.00/fixture	Two F32T8 lamps and one electronic ballast. <i>Low ballast factor</i> ballast required.
	F96T12 Two lamp fixture, one magnetic ballast	\$85.00/fixture	Two F32T8 lamps and one electronic ballast. <i>Low ballast factor</i> ballast required.
	F96T12 Two lamp fixture, one magnetic ballast	\$60.00/fixture	Four F32T8 lamps and one electronic ballast. <i>Low ballast factor</i> ballast required.
	F96T12 HO Two lamp high-output fixture, one magnetic ballast	\$75.00/fixture	Four F32T8 lamps and one electronic ballast.
	F96T12 HO Two lamp high-output fixture, one magnetic ballast	\$80.00/ Fixture	Four F32T8 lamps <i>with reflector</i> and one electronic ballast.

LED Traffic Signals

Eligibility

Customers must receive electric service from PSE to qualify for the Incentives, and Customers with unmetered accounts must document all connected load at the intersection. New installations will not be eligible for an incentive as the LED traffic lights are required by code. Only retrofits of existing incandescent traffic signals are eligible for incentives.

Incentives

TYPE OF SIGNAL	INCENTIVE AMOUNT
12" Red Ball	\$ 10.00 each
12" Red Arrow	\$ 10.00 each
8" Red Ball	\$ 10.00 each
Red Ped. Crossing Signal	\$ 10.00 each
12" Green Ball	\$ 20.00 each
8" Green Ball	\$ 20.00 each
12" Green Arrow	\$ 20.00 each
Yellow Module – Any Size	\$ 5.00 each

Note 1: Additional \$5/yellow if Yellow Thru light is replaced in conjunction with Red & Green

Commercial and Industrial Incentives

Eligibility

Any Customer, Owner, or Tenant with appropriate owner consent, who purchase or arrange for the installation of qualifying products, of a commercial or industrial facility receiving bundled natural gas service or electric service under the Company's Schedules 24, 25, 26, 29, 31, 40, 43, 46 or 49 (or their equivalent). Schedule 448, 449, 458, and 459 customers may utilize their Schedule 258 funding allocation for Commercial and Industrial Incentives.

Incentives

Appliances

Measure	Amount	Eligibility
High-Efficiency Clothes Washers	\$200.00/unit	CEE qualified
Dishwashers	<p>Customers will receive a rebate based on dishwasher type and the energy source for water heating and/or a booster heater as outlined by the table below when an Energy Star® Qualified model is purchased. Some leased equipment may also qualify when the lease result in the customer owning the equipment at the end of the lease period.</p> <p>When the energy for water heating and the booster is different, PSE will pay the eligible customer the rebate amount that corresponds to the component of the equipment using energy provided by PSE.</p> <p>In applicable instances, PSE will coordinate with the utility that provides the energy for the opposite energy use (for instance, in Snohomish County, PSE provides the natural gas and Snohomish County PUD provides the electricity) and the water utility for consideration for potential incentives when those utilities have corresponding rebates.</p>	

Cooking Equipment, Cont.

Measure	Amount	Eligibility
Hot Food Holding Cabinet ⁵		
Larger than 20 cubic feet	\$400.00/unit	CEE Tier 2 qualified
12 to 20 cubic feet	\$300.00/unit	CEE Tier 2 qualified
7 to less than 12 cubic feet	\$200.00/unit	CEE Tier 2 qualified
Commercial Natural Gas or Electric Convection Ovens ⁶ :	\$1,000.00/oven cavity	A list, based on the Food Service Technology Center (FSTC) will be made available to commercial kitchen equipment dealers and will be posted on the Company's website.
Electric Combi Oven	\$2,000.00/unit*	
Single or Double-Rack Oven	\$2,000.00/unit*	

⁵ All Hot Food Holding Cabinets include a \$30.00 dealer incentive when the incentive amount is credited to the customer on the dealer invoice at the point of sale. (Resulting in an "instant rebate" to the customer.)

⁶ All Ovens include a \$50.00 dealer incentive when the incentive amount is credited to the customer on the dealer invoice at the point of sale. (Resulting in an "instant rebate" to the customer.)

Drives & Motors

Measure	Amount	Eligibility
Variable Speed Drives	\$100.00 per motor HP for HVAC fan and HVAC pump applications	Where not required by Energy Codes. Eligible applications are HVAC fan motors and HVAC pump motors in closed-loop systems.
Electronically-Commutated Motors for HVAC related fans	\$0.12 per square foot	Where not required by code.

HVAC, Cont.

HVAC Retrofit

All equipment the new equipment has been purchased to replace must be removed or disabled.

			Rebate per Ton	Rebate per Ton	
			CEE Tier I	CEE Tier II	
Existing System	Heat Pump	Retrofit System			
		Heat Pump	\$100	\$150	
		Dual Fuel Heat Pump	\$300	\$350	
		Gas Pack	\$500	\$550	
	*Electric/Electric	Retrofit System			
		Heat Pump	\$500	\$550	
		Dual Fuel Heat Pump	\$500	\$550	
		Gas Pack	\$500	\$550	
	Gas/Electric	Retrofit System			
		Gas/Electric	\$100	\$150	

*Note: Electric/Electric systems are those which are designed to provide heating solely through electric resistance.

Measure	Amount	Eligibility
Premium HVAC Service	<p>Three Incentive categories; Retail, Specialty Retail and Office, each with an incremental variety of service offerings, ranging from \$50.00* to \$1,870.00 per unit, depending on system size; 4 tons to 20 tons and over 20 tons.</p> <p>*Some incentive packages are provided concurrently and in addition to others.</p>	<p>Customers receiving electricity and/or bundled natural gas service under electric schedules 24, 25, or 26 and natural gas schedules 31, 36, or 41. Based on the level of Premium Services and amount of equipment repair or replacement required at the site. Details can be obtained at the Company's website: http://www.pse.com/SOLUTIONS/FORBUSINESS/pages/comRebates.aspx?tab=3&chapter=4.</p>

		re-lamping project. Previously paid retrofits and retail wheeling customers are ineligible.
LED Exit Signs		
Option A - New LED Exit Sign Retrofit	\$50.00 per fixture	Complete removal and replacement of the entire exit sign, including its components and enclosure.
	Input power demand	5 watts or less per sign
	Manufacturer warranty for defects in materials and manufacturing	Replacement of defective parts for 5 years from date of purchase
Option B - LED Exit Sign Retrofit kit	\$30 per fixture retrofitted	Commercial, industrial or agricultural customer receiving electric service under any electric Schedule, with the exception of Schedule 258. Includes internal sign components only. Hardwired kits only, meeting previous Energy Star® specifications, noted below, where the original bases for the incandescent or CFL lamps are disabled or removed.
	Energy-Efficiency Characteristic	
	Performance Specifications	
	Input power demand	5 watts or less per sign
	Power factor (for electrically-powered, internally-illuminated signs only)	Any leading power factor is satisfactory. A lagging power factor not less than 0.7 is satisfactory.
	Reliability Characteristics	
	Specification	
Manufacturer warranty for defects in materials and manufacturing	Replacement of defective parts for 5 years from date of purchase	
Product Listing	Listed in accordance with UL 924	

⁸ Qualifying dealers, retailers or other vendors who are under agreement with PSE may earn up to 25¢ per Reduced-wattage T8 lamp if rebate taken at point of sale. Incentive is capped at \$200.00 per group re-lamping site.

Refrigeration

Measure	Amount	Eligibility
Commercial Ice Makers (Ice Harvest Rate)		Ice makers that meet PSE's Super Efficient Ice Maker kWh/lb of ice made in 24 hours cut off as outlined in the table below:
500 lbs. and under	\$300.00/unit*	
Over 500 lbs.	\$600.00/unit*	
* Plus \$30.00 dealer incentive if taken off dealer invoice at point of sale.		

Commercial Ice Makers

Ice Harvest Rate (Pounds per 24 hr period)	Up to <u>200</u> <u>lbs</u>	201- <u>300</u> <u>lbs</u>	301- <u>400</u> <u>lbs</u>	401- <u>500</u> <u>lbs</u>	501- <u>1000</u> <u>lbs</u>	1001- <u>1500</u> <u>lbs</u>	over <u>1500</u> <u>lbs</u>
<i>Kilowatt-hour per pound of ice</i>							
Water-cooled ice making heads	5.2	5.2	4.7	4.4	4.1	3.8	3.4
Water-cooled, self-contained unit	5.2	5.2	4.7	4.4	3.9	2.9	2.4
Air-cooled ice making heads	6.6	6.6	6.1	5.5	5.4	5	4.7
Air-cooled remote condensing unit	6.6	6.6	6.1	5.5	5.4	5	4.7
Air-cooled self-contained unit	6.6	6.6	6.1	5.5	5.4	4.5	4

RCM Incentives

Eligibility

Any school district, public-sector government agency and commercial or industrial (C/I) Customer with facilities receiving electric service under Electric Tariff G from PSE is eligible. Schedule 448, 449, 458, and 459 customers may utilize their Schedule 258 funding allocation for Resource Conservation Management (RCM) Incentives.

General Description of Program Offerings

Resource Accounting Software - PSE will assist in selection, purchase, and set-up of a resource accounting software and annual technical support maintenance fees if the Customer agrees to maintain the system and provide annual consumption reports.

Initial Cash Incentive - For qualifying organizations, PSE will pay a cash incentive determined as a percentage of the typical RCM salary to help get the program started with initial set-up of utility database and program organization. PSE will fund 35 percent of the time spent on establishing the RCM program during the first year provided the Customer completes a set of four deliverables. Customers receive support tailored to their needs, including staff training, technical assistance, interval metering, salary guarantees, site-based incentives, and other services.

Performance-Based Incentives - PSE may provide additional cash incentives to Customers who achieve a pre-established targeted amount of energy savings in years two and three of a three-year program. The savings must relate to occupant and behavioral practices and improvements in operational and maintenance (O&M) practices. Energy savings targets are established each year and are typically based on a 5 percent reduction over the previous 12-months energy profile. Actual savings are calculated and verified by PSE staff.

Salary Guarantee - For Customers with qualifying programs (1 FTE or more funding), PSE will provide a salary guarantee that the Customers' total resource bill savings achieved by RCM activities relating to occupant and behavioral practices and improvements in operational and maintenance (O&M) practices exceed the salary of the RCM. If not, the difference will be paid to the Customer up to the value of the natural gas and electrical savings achieved, as determined by weather corrected reduction of the Customer's utility bills or by single Measure calculations agreed to by PSE.

Site-Based Incentives - PSE may award cash incentives directly to a Customer's facility for implementation of verifiable behavioral changes by the building occupants, maintenance and custodial staff members.

Training Stipend - Each RCM customer will be allocated a cash stipend for professional development. The Customer will be allowed flexibility to apply this

DIRECT CUSTOMER INCENTIVES - figures based on 1 full-time equivalent (FTE)

Program Element	Term	Formula / Notes	10-11 RCM Grant
1. RCM Program Start-Up Incentive	1 Year	35% of First Year, up to \$28,000. Prorated up or down relative to customer-specific profile. Minimum eligibility is defined by Auto Fund parameters.	\$28,000
2. Performance Grant - Year 2	1 Year	35% paid at 5% O&M savings below previous 12-months; prorated for partial FTE.	\$28,000
3. Performance Grant - Year 3	1 Year	35% paid at 5% O&M savings below previous 12-months; prorated for partial FTE allocation.	\$28,000
4. RCM Salary Guarantee	3 Years		TBD
5. RCM Training Allowance	3 Years	Training stipend to allow for RCM participation in BOC Level 1& 2 training; allowing flexibility for RCM to choose other accredited training if desired. Tuition paid directly to Registrar; prorated for FTE allocation.	\$2,000
6. Site-Based Incentives	3 Years	Paid at end of project with documented plan, methods and results; prorated for FTE allocation.	\$2,500
TOTAL (includes sales tax)			\$88,500

INDIRECT INCENTIVES (soft costs)

Value-added Services	Term	Formula / Notes	10-11 RCM Value
1. Resource Accounting Software	3 Years	PSE has distributor license for UM Pro from LBP. LPB minimum cost per software license is \$7,500.	\$7,500
2. Software Maintenance and Technical Support for Years 2 & 3	2 Years	LPB minimum cost for annual technical support is \$1,400 per year.	\$2,800
3. Utility Manager Database Set Up	1 Year	Assume 40 facilities with .5 hrs per facility	\$600
4. Historical PSE Billing Data	1 Year	Assume 40 facilities with .25 hrs per facility	\$300
5. Monthly Data Downloads	3 Years	Assume one hour per customer per month	\$1,080
6. Annual Savings Analysis	3 Years	Assume .1 hour per facility per year	\$360
7. Energy Interval Services	3 Years	Assume 40 facilities with 2 accounts each: 50% on cellnet with available data	\$18,000
8. Energy Center - Online Materials	3 Years	Estimate average 2 hour per customer per year plus base-support for Resource Management Plans, Facility Action Plans, etc.	\$840
9. Three for Free - Technical Audits	1 Year	Three audits at 1.5 days per audit plus assistance with Facility Action Plan help	\$1,420
10. RCM Training Series	3 Years	For all 8 courses at \$100/class.	\$800
TOTAL (includes sales tax)			\$22,800

Total of 3 Year Agreement - Cash plus Support Value	\$111,300
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Savings Projections

The following table is an estimate of the savings potential from implementation of 1.0 Full-Time Equivalent (FTE) of resource management activities at a typical RCM customer's facility.

Savings Projection (From Base Year)	kWh	Therms	Resource Cost Savings
Year 1 - 3%	619,688	21,216	\$ 61,725
Year 2 - 5%	1,600,859	54,809	\$ 221,181
Year 3 - 5%	2,532,973	86,722	\$ 473,482
Energy Cost Savings			\$ 756,388
RCM Program Costs			\$ (249,520)
RCM Program Grants			\$ 96,020
NET SAVINGS	4,753,520	162,747	\$ 602,888

5. RCM Training Stipend

For each RCM FTE employed under a Puget Sound Energy RCM agreement, PSE will provide a grant of \$2,000 for training. The training budget is based on a negotiated PSE-RCM discounted tuition for the Building Operator Certification (BOC) program. The stipend can be applied to any other equivalent, credentialed RCM-related training course with prior PSE approval only. Tuition allotment will be prorated based on customer FTE allocation.

The RCM will be responsible for initial payment and registration and any course-related materials and/or supplies. Travel or other ancillary costs will not be reimbursed. Upon completion of the training course, the RCM shall submit to PSE their final coursework and certificate of completion along with an invoice requesting reimbursement. PSE will review the submittal for successful completion of the training program, and upon approval, will make payment to the customer up to the amount of the training cost or stipend outlined in this grant.

6. Site-Base Incentives

These are small cash incentives that are awarded directly to a facility for implementation of verifiable behavioral changes by building occupants and/or maintenance and custodial staff. Awards of up to \$500 per facility and up to \$2,500 per customer will be granted for implementation of RCM recommended activities. The customer must submit a proposal to PSE which outlines specific action items to be taken at specific facilities that will result in measurable savings. The activities should be carried out as per the plan, and a final report which details the effectiveness of these measures should be submitted to PSE for final payment.

5. Software Maintenance

PSE will provide annual Technical Support for the customer's Utility Manager Software. This service is valued at \$2,400 for years 2 and 3 of the RCM contract. The customer agrees to maintain their database by updating utility data on a monthly basis and agrees to submit a copy of their database to PSE on an annual basis.

6. Energy Interval Data

PSE's Energy Interval Service is an internet-based energy information and management tool that helps customers see and interpret utility-use patterns using interval data from gas and electric revenue meters. The system provides timely access to meter and cost data any time of day, seven days a week over a secured website. The value of this service is that customer can identify how much, how often, and when power or gas is used at given intervals of time. Data is typically available for viewing the following day. PSE will provide the customer with access to the interval data system for all qualifying meters.

7. Annual Savings Analysis

PSE will work with the customer to calculate O&M savings after each 12-month period of their RCM contract. Adjustments will be made for major capital improvements, change in use, weather, and other factors that may have had a significant impact to facility energy use.

8. On-line Tool Box

An on-line technical support and materials center has been developed to help RCMs with their program implementation. Each customer with an active RCM agreement will be provided with a username and password for access to this secure website. The site hosts all PSE program materials that have been developed for implementation and reference and allows for RCMs to communicate with each other in a chat room like setting.

9. Three for Free Audits

For each RCM FTE, PSE will provide an initial three (3) facility audits to jump-start you on the process of completing your Facility Action Plans. The site visits will act as both training and technical assistance such that through this process, and along with the RCM training series, each RCM will gain the knowledge necessary to perform their own detailed facility audits. During these first walkthroughs, the RCM will learn how to gather the information necessary to complete the second deliverable of the Start up Grant, their Facility Action Plans. The number of site visits will be prorated for based on FTE.

10. RCM Training Series

To support your organization's resource conservation efforts, PSE has designed a series of courses to help you learn more about building energy and resource consuming systems and the tools that will help you be effective in your role as a resource conservation manager. There are eight (8) core classes offered and a number of advanced and specialized courses. Most training classes are scheduled to be held at the Bellevue PSE campus, but can be customized for and offered at customer's facilities.

Small Scale Renewable Electricity Generation

Eligibility

Any Customer with a Premises receiving service under Electric Tariff G of the Company and

- a. who generates electricity using solar or wind energy or biogas from animal waste as a fuel and meets the terms of both Schedule 150 and Schedule 151 of this tariff is eligible for Incentives under this schedule, or
- b. is a non-residential Customer who has been selected and awarded a grant under this schedule.

Renewables Generating Grants

The Company may, at its discretion, award grants, provide remuneration or otherwise fund eligible small-scale (1-2 kilowatt generating capacity), school-based renewable energy projects. The Company plans to award multiple grants each year.

Primary selection criteria for grant approval include, but are not limited to:

Educational benefit: The project should demonstrate renewable energy generating technology that facilitates student learning, understanding and acceptance of renewable energy resources,

Geographic diversity: Project grants will consider the proximity to existing or planned demonstration projects funded by a grant within the Company's service territory,

Energy efficiency: The school must demonstrate a commitment to energy efficient practices including, but not limited to, utilizing an on-staff Conservation Resource Manager,

Broad support: The project must be championed by at least one teacher at the school and include the support of the administration and governing board.

Project characteristics: the technology utilized, size and other characteristics of the generating project will be considered.

Renewable Energy Advantage Program

Eligibility

Customer-Generators who receive electric service from the Company and operate a qualifying Generation System on their Premises. Where the Generation System will be interconnected with the Company's distribution system such interconnection shall be under the provisions of a separate interconnection (net metering) agreement. If the Generation System is interconnected with the Company's transmission or distribution system, service under this schedule is not available except during the effectiveness of an interconnection agreement between the Customer-Generator and the Company.

The Customer-Generator must own the real property on which the Generation System is located.

Generation Systems that operate on real property where the Company provides Electric Service, but the Generation System is not interconnected to the Company's distribution system are also eligible. Generation Systems installed on real property that are not and will never be served by the Company are not eligible for service under this schedule.

Detailed eligibility requirements are enumerated in PSE's Schedule 151.

Annual Payments

The underlined component in the below table is the driver of the Payment Factor

<u>Customer-Generated Power</u>	<u>Base Rate</u>	<u>Payment Factor</u>	<u>Price per kWh</u>
Solar modules and inverter manufactured in Washington state	\$0.15	3.6	\$0.54
Solar modules manufactured in Washington state	\$0.15	2.4	\$0.36
Solar or wind generating equipment with an inverter manufactured in Washington state	\$0.15	1.2	\$0.18
Anaerobic digester or other solar equipment without components manufactured in Washington state	\$0.15	1.0	\$0.15
Wind generator equipped with blades manufactured in Washington state	\$0.15	1.0	\$0.15
All other electricity produced by wind	\$0.15	0.8	\$0.12

Measure Life Calculations

Residential Programs

Measure/Incentive/Initiative	Maximum Measure Life, Years
Boilers, Energy Star®	20
CFL Energy Star® qualified, any exterior application	9
CFL Fixture Energy Star® qualified	15
CFL Portable Fixture Energy Star® qualified, table or floor	9
CFL, Energy Star® Bulb- Specialty, Hard to Reach	5
Clothes Washers, Energy Star®	14
Compact Fluorescent Light (CFL) Bulb Energy Star® qualified, any interior application	5
Dishwashers, Energy Star®	9
Duct leakage testing and duct sealing	20
Duct Sealing	20
Freezers	20
Fireplace, High Efficiency, Natural Gas	25
Fuel Conversion—Space and Water Heat	30
Furnace, Energy Star® Natural Gas	18
Heat Pump – ductless using inverter technology	20
Heat Pump – Energy Star® qualified (air-source, split systems)	18
Heat Pump – Geothermal, Energy Star®	30
Heat pump replacement for an electric furnace	18
HomePrint Audit	3
Insulation, Attic (R-11 or less to R-38)	30
Insulation, Duct (R-0 to R-11)	30
Insulation, Floor (R-0 to minimum R-19, up to R-30)	30
Insulation, Wall (R-0 to R-13)	30
Light socket, CFL conversion assembly	15
Manufactured Home, Energy Star® certified	30
Multifamily Lighting Measures (including lighting reduction)	12
Powerful Choices for the Environment, Electric and Natural Gas	8
Refrigerator Decommissioning	6
Refrigerator, Energy Star®	22
Replacement Doors	30
Showerheads, Energy Efficient Residential in <u>Multifamily</u> units	6
Showerheads, Energy Efficient Residential all dwelling types	10

Low Income Weatherization Program Specific Measure Life

Unless otherwise noted below, all measure life figures in the above table apply to the Company's Low Income Weatherization program.

Faucet Aerators, Low Income Weatherization	6
Programmable Thermostat, Low Income Weatherization	15
Refrigerator Replacement (also known as "decommissioning" or "early retirement")	6
Structure Sealing	25
Tapered Ridge Board, R-05 max to R-38 min	30
Water Heater Insulation	12

Commercial and Industrial Programs, continued

Measure/Incentive/Initiative	Maximum Measure Life, Years
New Construction Whole Building Analysis	
Prescriptive Whole Building Measure Packages	14, 20 or 24 years depending on the measures In the package
Energy Model Whole Building Approach	15
Process Efficiency Improvements:	
Fan, Compressor and Pump Systems or Stations	15
Motor and Drive Systems	15
Process Optimization	5
Other Process Modifications	15
Reciprocating Engines	15
Refrigeration Systems	15
Restaurant/Kitchen Equipment:	
Connectionless Steamer	10
Deep Fat Fryer	8
Dishwashers	
Conveyor type	20
Door type	15
Under counter	10
Freezers	20
Hot Food Holding Cabinet	12
Pre-Rinse Spray Heads	5
Refrigerators, Solid or Glass Door	20
Water Heating Improvements:	
Low Flow Devices	10
Piping Insulation	15
Water Heaters	7
Other:	
Clothes Washers, Multifamily, High-use	8
Transformers	15
Gas Boiler Tune-Up	2
Green Motor Rewinds	10
Ice Makers	12