

## Washington Home Energy Savings

### **APPLICABLE:**

To new and existing residential customers in all territory served by Pacific Power in the state of Washington billed on Schedules 16, 17, ~~18~~ and 19. Landlords who own rental properties served by Pacific Power in the state of Washington where the tenant is billed on listed Schedules 16, 17, ~~18~~ or 19 also qualify for this program.

### **Definitions**

**British Thermal Unit (Btu):** It is approximately the amount of energy needed to heat 1 pound of water from 39° to 40° Fahrenheit.

**Contractor:** Any party that is licensed to install or service HVAC, plumbing, or weatherization equipment or products.

**Cubic Feet per Minute (CFM):** A measurement of the velocity at which air flows into or out of a space.

**Customer:** Any party who has applied for, been accepted and receives service at the real property, or is the electricity user at the real property.

**Direct Install:** Installation of an Energy Efficiency Measure directly by the Program, or a Program-approved contractor or other 3<sup>rd</sup> party.

**Downstream:** Payment of incentive made by the Company to a customer, owner, contractor or other approved third party for the purchase or installation of an Energy Efficiency Measure pursuant to an approved energy efficiency incentive application.

**Energy Efficiency Incentive:** Payments of money made by Company to Owner or Customer or other approved party for installation of an Energy Efficiency Measure pursuant to an approved Energy Efficiency Incentive Application.

**Gallons Per Minute (GPM):** Volumetric flow rate used in rating equipment which saves water

**Heating Seasonal Performance Factor (HSPF/HSPF2):** Is the efficiency of heat pumps measured by the ratio of Btu heat output over the heating season to watt-hours of electricity used. The higher the number, the greater the efficiency.

**Heating, Ventilation and Air Conditioning (HVAC):** Refers to technology of indoor environmental comfort.

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**Integrated Modified Energy Factor (IMEF):** Measures energy consumption of the total laundry cycle (washing and drying). It indicates how many cubic feet of laundry can be washed and dried with one kWh of electricity; the higher the number, the greater the efficiency.

**Light Emitting Diode (LED):** A semiconductor light source.

**Manufactured Homes (mobile homes):** A type of prefabricated housing that is largely assembled in factories and transported to the site of use. Units are at least 320 square feet and installed with a permanent chassis to assure the initial and continued transportability of the home.

**Market Partner:** An approved third party (contractor, retailer, dealer, wholesaler or manufacturer) who installs Energy Efficiency Measures at the real property or sells Energy Efficiency Measures to a Customer or Contractor. Applies to parties in the downstream, midstream, upstream, or direct install delivery channels.

**Northwest Energy Efficient Manufactured Home (NEEM):** Organization based in the Northwest that certifies new manufactured homes are built to various energy efficient standards such as ENERGY STAR or eco-rated.

**New Home:** A newly constructed single-family residence or a complete remodel of an existing structure into a new living space.

**Owner:** The person who has both legal and beneficial title to the real property, and is the mortgager under a duly recorded mortgage of real property, the trustor under a duly recorded deed of trust.

**Prescriptive incentives:** Per unit incentives are listed in the program incentive tables for specific EEMs. Incentives are subject to change.

**RTF:** Regional Technical Forum

**R-Value:** Indicates insulation's resistance to heat flow. The higher the R-value, the greater the insulating effectiveness.

**Seasonal Energy Efficiency Ratio (SEER/SEER2):** Is the efficiency of air conditioners measured by the cooling output in Btu during a typical cooling-season divided by the total electric energy input in watt-hours during the same period. The higher the unit's SEER rating the more energy efficient it is.

**Utility Combined Energy Factor (UCEF):** ENERGY STAR uses Combined Energy Factor to compare the energy efficiency of gas and electric clothes dryers in pounds per kilowatt hour. The higher the value, the more efficient the dryer is.

**U-Factor:** Measures the rate of heat transfer and indicates how well the window insulates. U-factor values generally range from 0.25 to 1.25 and are measured in Btu/h·ft<sup>2</sup>·°F. The lower the U-factor, the better the window insulates.

**Upstream:** Payment of incentive made by the Company directly to a manufacturer, retailer, or other pre-approved vendor to apply a pre-purchase discount for customers.

**Incentives**

**Table 1 - Appliance Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Clothes Washers	IMEF $\geq$ 2.76		\$62
Hybrid/Heat Pump Clothes Dryer	UCEF $\geq$ 3.20		\$750

Notes for appliance incentives table:

- Incentives for clothes washer apply to mid/upstream and/or downstream. Only one incentive will be provided per qualifying clothes washer.
- Incentives for clothes washers may be paid to the customer, retailer, and/or manufacturer and may be split between customer, retailer, and/or manufacturer. The sum of incentive payments per unit will not exceed the amounts listed in the table. The end use customer portion of the incentive will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- Homes must have either an electric water heating or an electric dryer heat for clothes washers to be eligible for incentives.
- Incentives for hybrid/heat pump clothes dryer apply to mid/upstream and/or downstream. Only one incentive will be provided per qualifying clothes dryer.
- Incentives for hybrid/heat pump clothes dryers may be paid to the customer, retailer, and/or manufacturer and may be split between customer, retailer, and/or manufacturer. The sum of incentive payments per unit will not exceed the amounts listed in the table. The end use customer portion of the incentive will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.  
See additional requirements on the program website.
- Acronyms:  
**IMEF:** Integrated Modified Energy Factor  
**UCEF:** Utility Combined Energy Factor

**Table 2 - Lighting Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
<del>LED Bulbs (General Purpose) — Direct Install</del>	<del>Qualified Product List</del>	<del>\$0</del>	<del>Up to \$6.00</del>
<del>LED Bulbs (Specialty) — Direct Install</del>	<del>Qualified Product List</del>	<del>\$0</del>	<del>Up to \$9.00</del>
LED Fixtures – Direct Install	Qualified Product List	\$0	Up to <del>\$23.00</del> <u>\$75.00</u>
LED Lamps – Direct Install	Qualified Product List	\$0	Up to \$12.00

Notes for lighting incentive table:

- Direct install measures are offered on an initiative basis and may not be available for the entire year. See the program website for availability information.
- LED bulbs and fixtures must be listed on the program’s qualified product list on the program website in order to qualify for an incentive.
- Acronyms:  
**LED:** Light Emitting Diode

**Table 3 – Single Family HVAC Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Evaporative Coolers -2,000-3,499 CFM	2,000-3,499 CFM	\$62	
Evaporative Coolers – 3,500+ CFM	Minimum 3,500 CFM (must be the primary cooling source)	\$312	
Central Air Conditioner	≥14.3 SEER2 or 15 SEER Central air conditioner must be installed and sized per program’s requirements.	\$93	\$62
<del>Duct Sealing and Insulation</del>	<del>R<sub>initial</sub> ≤ 2 and replace all existing insulation with at least R-8. Home’s primary heat source must be either a heat pump or electric forced air furnace. Existing ducts must be unsealed. Duct sealing must be done per program’s requirements.</del>	<del>\$750</del>	<del>\$250</del>
Duct Sealing (not Direct Install)	Home’s primary heat source must be either a ducted heat pump or electric forced air furnace. Insulation removed for purposes of sealing must be reinstalled or replaced after sealing is completed. Existing ducts must be unsealed. Duct sealing must be done per program’s requirements.	\$500	
Duct Sealing (Direct Install)	Test and Seal: Home’s primary heat source must be either a ducted heat pump or electric forced air furnace. Insulation removed for purposes of sealing must be reinstalled or replaced after sealing is completed. Existing ducts must be unsealed. Duct sealing must be done per program’s requirements.	\$0	\$500

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Measure	Qualifications	Customer Incentive	Market Partner Incentive
	Test Only: Home's primary heat source must be either a ducted heat pump or electric forced air furnace.	\$0	\$80
Ductless Heat Pump	> <a href="#">8.1 HSPF2</a> or > 9.0 HSPF, single-head or multi-head unit. Home's previous primary heating source must either have been an electric forced air furnace or a zonal electric system.	<a href="#">Up to**</a> \$1,600	<a href="#">Up to**</a> \$400
	> <a href="#">8.1 HSPF2</a> or > 9.0 HSPF, single-head or multi-head unit. Home's previous primary heating source may be any non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil).	<a href="#">Up to**</a> \$1,800	<a href="#">Up to**</a> \$400
Electronic Line Voltage Connected Thermostat	Retail: Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access. Home's primary heating source must be an electric zonal heating system.	\$56	\$0
	Direct Install: Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access. Homes primary heating source must be an electric zonal heating system.	\$0	\$100
Federal Standard Heat Pump Conversion	For replacement of existing electric resistance heating system with new federal standard efficiency heat pump. Heat Pump must include Best Practices Installation & Proper Sizing.	<a href="#">Up to**</a> \$2,000	<a href="#">Up to**</a> \$500
	For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump. Heat pump must include Best Practices Installation & Proper Sizing.	<a href="#">Up to**</a> \$2,250	<a href="#">Up to**</a> \$500
<del>10.0+ HSPF</del> Efficient Heat Pump Conversion	For replacement of existing electric resistance heating system with new high efficiency heat pump <a href="#">that meets the following efficiency requirements:</a>	<a href="#">Up to**</a> \$2,500	<a href="#">Up to**</a> \$500

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Measure	Qualifications	Customer Incentive	Market Partner Incentive
	<ul style="list-style-type: none"> <li>- <a href="#">≥ 8.5 HSPF2 or 10 HSPF</a></li> <li>- <a href="#">COP at 5°F of ≥ 1.75</a></li> <li>- <a href="#">Capacity of 5°F of ≥ 70% of rated capacity at 47°F</a></li> </ul> <p>Heat pump must include Best Practices Installation &amp; Proper Sizing.</p>		
	<p>For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump <a href="#">that meets the following efficiency requirements</a>.</p> <ul style="list-style-type: none"> <li>- <a href="#">≥ 8.5 HSPF2 or 10 HSPF</a></li> <li>- <a href="#">COP at 5°F of ≥ 1.75</a></li> <li>- <a href="#">Capacity of 5°F of ≥ 70% of rated capacity at 47°F</a></li> </ul> <p>Heat pump must include Best Practices Installation &amp; Proper Sizing.</p>	<p><a href="#">Up to**</a> \$2,750</p>	<p><a href="#">Up to**</a> \$500</p>
Heat Pump Upgrade	<p>For upgrade of existing heat pump to new high efficiency heat pump <a href="#">that meets the following requirements</a>:-</p> <ul style="list-style-type: none"> <li>- <a href="#">≥ 8.5 HSPF2 or 10.0 HSPF</a></li> <li>- <a href="#">COP at 5°F of ≥ 1.75</a></li> <li>- <a href="#">Capacity of 5°F of ≥ 70% of rated capacity at 47°F</a></li> </ul> <p><a href="#">Heat pump</a> must include Best Practices Installation &amp; Proper Sizing.</p>	<p><a href="#">Up to**</a> \$300</p>	<p><a href="#">Up to**</a> \$125</p>
Smart Thermostat	Unit must be on Energy Star Qualified Products List. Measure is available in retail and direct install delivery.	Retail: \$100	\$0
		\$0	Direct Install: \$150

Notes for HVAC incentive table:

- Incentives for all HVAC measures apply to downstream and/or mid/upstream. Only one incentive will be provided per unit.
- Incentives may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per

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unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.

- Maximum of 10 line voltage thermostats per household.
- Maximum one smart thermostat per household.
- Occupancy sensing feature must be enabled by customer for smart thermostat incentives.
- Homes must have a ducted electric heating system to be eligible for smart thermostat incentives. Customers may self-install smart thermostats. Contractor not required.
- Customers may self-install ductless heat pumps.
- Work must be completed per program requirements listed on the program website.
- See additional installation requirements on the program website.
- Acronyms:

**SEER/SEER2:** Seasonal Energy Efficiency Ratio

**HSPF/HSPF2:** Heating Seasonal Performance Factor

**COP:** Coefficient of -Performance

**CFM:** Cubic Feet per Minute

\*\* “Up to” incentives do not authorize variable incentives except for decreased incentive payments when the energy efficiency project is funded partially by other market funding sources outside of participant funds, financing, or utility incentives. The “up to” designation allows incentive payment to be made such that the incentive does not exceed the qualifying project costs inclusive of other market funding sources.



**Table 4 – Single Family Weatherization Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Insulation – Attic	$R_{\text{initial}} \leq 19$ $R_{\text{final}} \geq 49$	\$0.07/sq-ft. for electrically cooled home  \$0.46/sq-ft. for electrically heated home	
Insulation – Floor (to R-19)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 19$  Home’s primary heat source must be electric.	\$0.31/sq-ft	
Insulation – Floor (to R-30)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 30$  Home’s primary heat source must be electric.	\$0.46/sq-ft	
Insulation - Wall	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 13$ or fill cavity  Home’s primary heat source must be electric.	\$0.62/sq-ft	
Windows	U-factor of 0.25 or lower. Home’s primary heat source must be electric.  Any pre-condition.	\$1.00/sq-ft	
	U-factor of 0.30 or lower. Home's primary heat source must be electric.  Specified pre-condition.	Replacing single pane wood/metal: \$5/sq-ft  Replacing double pane metal: \$3/sq-ft	
	U-factor of 0.22 or lower. Home’s primary heat source must be electric.  Specified pre-condition.	Replacing single pane wood/metal: \$10/sq-ft  Replacing double pane metal: \$6/sq-ft	
Low-E Storm Window	Windows must use glazing materials with an emissivity less than or equal to 0.22 and a solar transmittance greater than 0.55	\$3.00/sq-ft	

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	Home’s primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify	
<u>Duct Insulation</u>	<u>Flex ducts shall be replaced with R8 insulated flex ducts. Rigid ducts shall be insulated to R11 or higher.</u>	<u>\$2.50/sq-ft</u>

Notes for weatherization incentive table:

- See additional installation requirements on the program website.
- Weatherization incentives may be paid to the customer, dealer, manufacturer, and/or contractor and may be split between customer, dealer, manufacturer, and/or contractor. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- Home’s primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump heating system to qualify for the electrically heated incentive.
- Home’s primary heat source must be a gas heating system to qualify for the electrically cooled incentive.
- Definitions:  
**R-Value:** Thermal resistance of a material  
**U-Factor:** Inverse of R-value used to measure the amount of heat transmitting through a square foot of material

**Table 5 – Single Family New Homes Incentives**

Measure	Qualifications	Customer/ Builder Incentive	Market Partner Incentive
Performance Path	Incentives available for new electric heated or gas heated homes that exceed the prevailing code by a minimum of 10% as modeled using program required tools and software. The home’s performance must be modeled and verified by an independent third-party Rater. Homes must have electric water heating to qualify.	Electric space heating, electric water heating exceeding code by 10% to 19.99%: \$1,875  Electric space heating with electric water heating exceeding code by 20% or more: \$3,125  Compressor based electric cooling. Electric water heating. Space heated by gas or other fuel exceeding code by 10% or more. \$625	

Measure	Qualifications	Customer/ Builder Incentive	Market Partner Incentive
Single Family Pay for Savings	Incentives available for new electric heated homes that exceed the prevailing code by any percentage. The home’s energy savings must be modeled and verified by an independent third-party Rater. Homes must have electric water heating to qualify.	\$0.50/kWh annual energy savings	
Standalone New Construction Heat Pump	Equipment must be incremental to energy code, and standalone incentive cannot be combined with a Performance Path or Pay for Savings incentive. Incentives and minimum efficiency requirement will be listed on the program website.	<u>Up to**</u> \$250	

Notes for New Homes incentive table:

- See additional installation requirements on the program website.
- Incentives for performance path apply to downstream and mid/upstream. Only one incentive will be provided per home. Electrically heated and non-electrically heated incentives may not be combined.
- Incentives may be paid to the customer, builder, or rater and may be split between customer, builder, and/or rater. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- New homes may only apply for one incentive from the New Homes table.
- Acronyms:

**HSPF/HSPF2:** Heating Seasonal Performance Factor

**SEER/SEER2:** Seasonal Energy Efficiency Ratio

\*\* “Up to” incentives do not authorize variable incentives except for decreased incentive payments when the energy efficiency project is funded partially by other market funding sources outside of participant funds, financing, or utility incentives. The “up to” designation allows incentive payment to be made such that the incentive does not exceed the qualifying project costs inclusive of other market funding sources.

**Table 6 – Water Heating Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Heat Pump Water Heater	NEEA Advanced Water Heating Specification Tier 3 and above replacing an existing electric tank type water heater.	Customer-Install: \$900	Customer-Install: \$0
		Contractor Install: \$900	Contractor Install: \$300

Notes for water heating table:

- Incentives for heat pump water heater measures apply to downstream, mid/upstream, and direct install. Direct install will be offered on an initiative basis and may not be available for the entire year. See the program website for availability information.
- Incentives for heat pump water heaters may be paid to the customer, retailer/dealer, or manufacturer and may be split between customer retailer/dealer, and/or manufacturer. The sum of incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- Incentives are available for single family and manufactured homes. Incentives are not available for multifamily homes.
- See additional installation requirements on the program website.
- Acronyms:  
**NEEA:** Northwest Energy Efficiency Alliance

**Table 7 – Other Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Air Purifier	Must meet Clean Air Delivery Rate (CADR) requirements as outlined on the program website		\$40
Engine Block Heater Control	May be engine or wall mounted. Must meet requirements outlined on the program website.		\$150
<a href="#">Door Sweep (Direct Install)</a>	<a href="#">Door sweep must be installed on door that opens from conditioned space to unconditioned space and fully cover gap between bottom of door and threshold/floor.</a>	\$0	Up to \$21

**Table 8 - Manufactured Homes Incentives**

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<b>Measure</b>	<b>Qualifications</b>	<b>Customer Incentive</b>	<b>Market Partner Incentive</b>
Central Air Conditioner	<p>≥<a href="#">14.3 SEER2</a> or 15 SEER            Central air conditioner must be installed and sized per program’s requirements.</p>	\$93	\$62
Duct Sealing (Not Direct Install)	<p>Home’s primary heat source must be either a ducted heat pump or electric forced air furnace.            Existing ducts must be unsealed.            Duct sealing must be done per program’s requirements.</p>	\$500	
Duct Sealing (Direct Install)	<p>Test and Seal:            Home’s primary heat source must be either a ducted heat pump or electric forced air furnace.            Existing ducts must be unsealed.            Duct sealing must be done per program’s requirements.</p>	\$0	\$500
	<p>Test Only:            Home’s primary heat source must be either a ducted heat pump or electric forced air furnace</p>	\$0	\$80
Electronic Line Voltage Connected Thermostat	<p>Retail:            Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access.            Home’s primary heating source must be an electric zonal heating system.</p>	\$56	\$0
	<p>Direct Install:            Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access.            Home’s primary heating source must be an electric zonal heating system.</p>	\$0	\$100

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Evaporative Coolers 2,000-3,499 CFM	2,000-3,499 CFM	\$125	
Evaporative Coolers – 3,500+ CFM	Minimum 3,500 CFM (must be the primary cooling source)	\$375	
Federal Standard Heat Pump Conversion	For replacement of existing electric resistance heating system with new federal standard efficiency heat pump.  Heat Pump must include Best Practices Installation & Proper Sizing.	<u>Up to**</u> \$2,000	<u>Up to**</u> \$500
	For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump.  Heat pump must include Best Practices Installation & Proper Sizing.	<u>Up to**</u> \$2,250	<u>Up to**</u> \$500
10+ <del>HSPF</del> <u>Efficient</u> Heat Pump Conversion	For replacement of existing electric resistance heating system with new high efficiency heat pump <u>that meets the following efficiency requirements:-</u>  - <u>&gt; 8.5 HSPF2 or 10 HSPF</u> - <u>COP at 5°F of &gt; 1.75</u> - <u>Capacity of 5°F of &gt; 70% of rated capacity at 47°F</u>  Heat pump must include Best Practices Installation & Proper Sizing.	<u>Up to**</u> \$2,500	<u>Up to**</u> \$500

Measure	Qualifications	Customer Incentive	Market Partner Incentive
	<p>For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump <u>that meets the following efficiency requirements:-</u></p> <ul style="list-style-type: none"> <li>- <u>≥ 8.5 HSPF2 or 10 HSPF</u></li> <li>- <u>COP at 5°F of ≥ 1.75</u></li> <li>- <u>Capacity of 5°F of &gt; 70% of rated capacity at 47°F</u></li> </ul> <p>Heat pump must include Best Practices Installation &amp; Proper Sizing.</p>	<p><u>Up to**</u> \$2,750</p>	<p><u>Up to**</u> \$500</p>
Ductless Heat Pumps	<p><u>≥ 8.1 HSPF2 or ≥ 9.0 HSPF</u> single-head or multi-head unit</p> <p>Home's previous primary heating source must either have been an electric forced air furnace or a zonal electric system.</p>	<p><u>Up to**</u> \$1,600</p>	<p><u>Up to**</u> \$400</p>
	<p><u>≥ 8.1 HSPF2 or ≥ 9.0 HSPF</u>, single-head or multi-head unit.</p> <p>Home's previous primary heating source may be any non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil).</p>	<p><u>Up to**</u> \$1,800</p>	<p><u>Up to**</u> \$400</p>
Heat Pump Upgrade	<p>For upgrade of existing heat pump to new high efficiency heat pump <u>that meets the following requirements:-</u></p> <ul style="list-style-type: none"> <li>- <u>≥ 8.5 HSPF2 or ≥ 10.0 HSPF</u></li> <li>- <u>COP at 5°F of &gt; 1.75</u></li> <li>- <u>Capacity of 5°F of &gt; 70% of rated capacity at 47°F</u></li> </ul> <p><u>Heat pump</u> must include Best Practices Installation &amp; Proper Sizing</p>	<p><u>Up to**</u> \$300</p>	<p><u>Up to**</u> \$125</p>

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Insulation – Attic (R0 to R-22)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 22$ Homes' primary heating must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.77/sq-ft	
Insulation – Attic (R11 to R-30)	$R_{\text{initial}} \leq 11$ $R_{\text{final}} \geq 30$ Homes' primary heating must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.94/sq-ft	
Insulation – Floor	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 22$ Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.46/sq-ft	
New Homes, ENERGY STAR Homes	Home must be new and have received ENERGY STAR certification.	\$2,250	\$250
New Homes, NEEM+ Homes	Home must be new and have received NEEM Plus certification.	\$2,750	\$250
Heat Pump, New Manufactured Homes	Central heat pump installed in a house with permanently installed central electric resistance furnace.  Ductless heat pump shall be inverter-driven with a <u>7.7+ HSPF2</u> or <u>8.5+ HSPF</u> <del>of 8.5 or better</del> , have a nominal heating capacity of 9,000 Btu/hr or higher, and be installed in the main living area of a home	<u>Up to**</u> \$1,000	<u>Up to**</u> \$300

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Measure	Qualifications	Customer Incentive	Market Partner Incentive
	<p>with permanently installed ducted electric resistance furnace or zonal electric heat.</p> <p>Homes must be less than one year old and not be certified as NEEM or ENERGY STAR.</p>		
Smart Thermostat	Unit must be on ENERGY STAR Qualified Products List. Measure is available in retail and direct install delivery.	Retail: \$100	\$0
		\$0	Direct Install: \$150
Windows	<p>U-factor of 0.25 or lower. Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify</p>	\$1.00/sq-ft	
	<p>U-factor of 0.30 or lower. Home's primary heat source must be electric.  Specified pre-condition.</p>	<p>Replacing single pane wood/metal: \$5/sq-ft</p> <p>Replacing double pane metal: \$3/sq-ft</p>	
	<p>U-factor of 0.22 or lower. Home's primary heat source must be electric.  Specified pre-condition.</p>	<p>Replacing single pane wood/metal: \$10/sq-ft</p> <p>Replacing double pane metal: \$6/sq-ft</p>	
Low-E Storm Window	<p>Windows must use glazing materials with an emissivity less than or equal to 0.22 and a solar transmittance greater than 0.55</p> <p>Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify</p>	\$6/sq-ft	

Notes for manufactured homes table:

- Duct sealing (direct install) will be offered on an initiative basis and may not be available for the entire year. See the program website for availability information.
- Incentives for central air conditioner, not-direct install duct sealing, electronic line voltage, evaporative cooler, ductless heat pump, heat pump, and smart thermostat measures apply to downstream and mid/upstream. Only one incentive will be provided per unit.

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- Customers may self-install ductless heat pumps.
  - Incentives for central air conditioner, not-direct install duct sealing, electronic line voltage, evaporative cooler, ductless heat pump, heat pump, and smart thermostat may be paid to the customer, dealer, manufacturer, or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
  - Incentives for new manufactured homes may be paid to customer, dealer/retailer, or manufacturer and the available incentive per home and may be split between customer, dealer/retailer, and/or manufacturer. The sum of incentive payments per home will not exceed the amounts listed in the table. The end use customer portion of the incentive will be clearly displayed on the web site with applicable dates. The end use customer portion of the incentive may be changed.
  - See additional installation requirements on the program website.
  - Contractors providing the direct install duct sealing services will be reimbursed for actual job costs which may include surcharge for mileage, duct testing, and other job expenses, the total of which may not exceed the incentive. No additional costs will be billed to the customer.
  - Acronyms and Definitions:
    - NEEM:** Northwest Energy Efficient Manufactured Homes
    - IECC:** International Energy Conservation Code
    - HSPF/HSPF2:** Heating Seasonal Performance Factor
    - R-Value:** Thermal resistance of a material
    - SEER/SEER2:** [Seasonal Energy Efficiency Ratio](#)
    - COP:** [Coefficient of Performance](#)
    - U-Factor:** Inverse of R-value used to measure the amount of heat transmitting through a square foot of material
- \*\* “Up to” incentives do not authorize variable incentives except for decreased incentive payments when the energy efficiency project is funded partially by other market funding sources outside of participant funds, financing, or utility incentives. The “up to” designation allows incentive payment to be made such that the incentive does not exceed the qualifying project costs inclusive of other market funding sources.

**Table 9 – Multifamily Homes Incentives**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Evaporative Coolers -2,000-3,499 CFM	2,000-3,499 CFM	\$62	
Evaporative Coolers – 3,500+ CFM	Minimum 3,500 CFM (must be the primary cooling source)	\$312	
Ductless Heat Pump	≥ <a href="#">8.1 HSPF2</a> or ≥ 9.0 HSPF, single-head or multi-head unit Home's previous primary heating source must either have been an electric forced air furnace or a zonal system.	<a href="#">Up to**</a> \$1,600	<a href="#">Up to**</a> \$400
	≥ <a href="#">8.1 HSPF2</a> or ≥ 9.0 HSPF, single-head or multi-head unit Home's previous primary heating source may be any non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil).	<a href="#">Up to**</a> \$1,800	<a href="#">Up to**</a> \$400
<a href="#">Packaged Terminal Heat Pump</a>	<a href="#">AHRI certified PTHP unit replacing an operable PTAC unit with integral electrical resistance heat.</a>	<a href="#">Up to**</a> \$300	<a href="#">Up to**</a> \$100
Electronic Line Voltage Connected Thermostat	Retail: Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access. Home's primary heating source must be an electric zonal heating system.	\$56	\$0
	Direct Install: Must have 7-day programming scheduling and must be Wi-Fi enabled (or via bridge) with remote access. Home's primary heating source must be an electric zonal heating system.	\$0	\$100

Insulation - Attic (R-19 to R-49)	$R_{\text{initial}} \leq 19$ $R_{\text{final}} \geq 49$  Homes' primary heating must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.46/sq-ft.
Insulation – Attic (R-0 to R-49)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 49$  Homes' primary heating must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.62/sq-ft
Insulation – Floor (R-0 to R-19)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 19$  Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.31/sq-ft.
Insulation – Floor (R-19 to R-30)	$R_{\text{initial}} = 19$ $R_{\text{final}} \geq 30$  Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.20/sq-ft
Insulation – Floor (R-0 to R-30)	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 30$  Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify for the electrically heated incentive.	\$0.46/sq-ft.
Insulation - Wall	$R_{\text{initial}} = 0$ $R_{\text{final}} \geq 11$ or fill cavity  Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to	\$0.62/sq-ft.

	qualify for the electrically heated incentive.		
Smart Thermostat	Unit must be on Energy Star Qualified Products List. Measure is available in retail and direct install delivery.	Retail: \$100	\$0
		\$0	Direct Install: \$150
Windows (U-factor 0.25 or lower)	U-factor of 0.25 or lower. Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify.	\$1.00/sq-ft.	
Windows (pre-condition baseline)	U-factor of 0.22 or lower. Home's primary heat source must be zonal, heat pump, electric forced air furnace, or ductless heat pump system to qualify. Existing window must be single glazed with wood frame, single glazed with metal frame, or double glazed with metal frame.	Up to \$25/sq-ft	
Low-E Storm Window	Windows must use glazing materials with an emissivity less than or equal to 0.22 and a solar transmittance greater than 0.55.  Home's primary heat source must be either a heat pump, electric forced air, zonal, or ductless heat pump system to qualify.	\$6/sq-ft	
Multifamily New Construction Performance	Multifamily buildings with electric space and/ or water heating that exceed the prevailing WA state energy code by a minimum of 5% as modeled using program required tools and software.  The multifamily building's performance must be modeled and verified by an independent third-party Rater.	Exceeding code by 5% to 14.99%: \$0.15/ kWh (first year)  Exceeding code by 15% or more: \$0.25/ kWh (first year)	
Multifamily Pay for Savings	Incentives available for new electric heated homes that exceed the prevailing code by any percentage. The home's energy savings must be modeled and verified by an	\$0.50/kWh annual energy savings	

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	independent third-party Rater. Homes must have electric water heating to qualify.	
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Notes for multifamily homes table:

- Incentives for electronic line voltage and ductless heat pump, heat pump measures apply to downstream and mid/upstream. Only one incentive will be provided per unit.
- Customers may self-install ductless heat pumps.
- Incentives for weatherization, electronic line voltage, and ductless heat pump may be paid to the customer, dealer, manufacturer, or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- Multifamily new construction incentives are available for multifamily buildings that are three stories or less and serve customers who purchase their electricity from Pacific Power on rate schedules 16, 17, 18 or 19. Mixed use buildings (buildings served by a residential rate schedule and an eligible commercial rate schedule) or multifamily buildings with four or more stories and serving customers on eligible commercial rate schedules may qualify for new construction measures through the Wattsmart Business program.
- Only one new construction incentive will be provided per multifamily building.
- Incentives for multifamily new construction may be paid to the customer, builder, or rater and may be split between customer, builder, and/or rater.
- Incentives for multifamily new construction are capped at 80 percent of project costs. All final costs are subject to Pacific Power review and approval prior to paying an efficiency incentive.
- Multifamily buildings with outside lighting and common areas billed under non-residential rate schedules may be eligible to receive other incentives, but may not receive additional equipment purchase and installation incentives within other Company offered programs.
- Qualifying equipment receiving incentives within this table may not receive equipment purchase and installation incentives within other tables in this Schedule.
- See additional installation requirements on the program website.
- Acronyms:

**HSPF/HSPF2:** Heating Seasonal Performance Factor

**COP:** Coefficient of Performance

**R-Value:** Thermal resistance of a material

**U-Factor:** Inverse of R-value used to measure the amount of heat transmitting through a square foot of material

\*\* “Up to” incentives do not authorize variable incentives except for decreased incentive payments when the energy efficiency project is funded partially by other market funding sources outside of participant funds, financing, or utility incentives. The “up to” designation allows incentive payment to be made such that the incentive does not exceed the qualifying project costs inclusive of other market funding sources.

**Table 10 – Enhanced Incentives for Highly Impacted Communities**

Measure	Qualifications	Customer Incentive	Market Partner Incentive
Ductless Heat Pump	<p><a href="#">≥ 8.1 HSPF2</a> or ≥ 9.0 HSPF, single-head or multi-head unit. Home's previous primary heating source must either have been an electric forced air furnace or a zonal electric system.</p>	<p><a href="#">Up to**</a> \$1,800</p>	<p><a href="#">Up to**</a> \$400</p>
	<p><a href="#">≥ 8.1 HSPF2</a> or ≥ 9.0 HSPF, single-head or multi-head unit. Home's previous primary heating source may be any non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil).</p>	<p><a href="#">Up to**</a> \$2,000</p>	<p><a href="#">Up to**</a> \$400</p>
Federal Standard Heat Pump Conversion	<p>For replacement of existing electric furnace with new federal standard efficiency heat pump. Heat pump must include Best Practices Installation &amp; Proper Sizing</p>	<p><a href="#">Up to**</a> \$2,250</p>	<p><a href="#">Up to**</a> \$500</p>
	<p>For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump. Heat pump must include Best Practices Installation &amp; Proper Sizing.</p>	<p><a href="#">Up to**</a> \$2,500</p>	<p><a href="#">Up to**</a> \$500</p>
10.0+ HSPF Efficient Heat Pump Conversion	<p>For replacement of existing electric furnace with new high efficiency heat pump <a href="#">that meets the following efficiency requirements:-</a></p> <ul style="list-style-type: none"> <li>- <a href="#">≥ 8.5 HSPF2 or 10 HSPF</a></li> <li>- <a href="#">COP at 5°F of &gt; 1.75</a></li> <li>- <a href="#">Capacity of 5°F of &gt; 70% of rated capacity at 47°F</a></li> </ul> <p>Heat pump must include Best Practices Installation &amp; Proper Sizing.</p>	<p>Manufactured Home: <a href="#">Up to**</a> \$2,750</p> <p>Single Family: <a href="#">Up to**</a> \$3,000</p>	<p>Manufactured Home: <a href="#">Up to**</a> \$500</p> <p>Single Family: <a href="#">Up to**</a> \$750</p>
	<p>For replacement of existing non-electric and non-natural gas heating system (i.e., wood, propane, and heating oil) with new high efficiency heat pump <a href="#">that</a></p>	<p>Manufactured Home: <a href="#">Up to**</a> \$3,000</p>	<p>Manufactured Home: <a href="#">Up to**</a> \$500</p> <p>Single Family:</p>

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Measure	Qualifications	Customer Incentive	Market Partner Incentive
	<a href="#">meets the following efficiency requirements:-</a> <ul style="list-style-type: none"> <li>- <a href="#">≥ 8.5 HSPF2 or 10 HSPF</a></li> <li>- <a href="#">COP at 5°F of ≥ 1.75</a></li> <li>- <a href="#">Capacity of 5°F of ≥ 70% of rated capacity at 47°F</a></li> </ul> Heat pump must include Best Practices Installation & Proper Sizing.	Single Family: <a href="#">Up to**</a> \$3,250	<a href="#">Up to**</a> \$750
<a href="#">Tree Planting (Direct Install)</a>	<a href="#">Tree must be an appropriate species and meet all planting guidelines outline on the program website.</a>	<a href="#">\$0</a>	<a href="#">Up to \$150</a>

Notes for Enhanced Incentives for Highly Impacted Communities table.

- Customers must meet named community criteria on Pacific Power’s website.
- Incentives for all HVAC measures apply to downstream and/or mid/upstream. Only one incentive will be provided per unit.
- Incentives may be paid to the customer, dealer, manufacturer, and/or trade ally and may be split between customer, dealer, manufacturer, and/or trade ally. The sum of the incentive payments per unit will clearly be displayed on the website with applicable dates. The end use portion of the incentive may be changed.
- Customers may self-install ductless heat pumps.
- Work must be completed per program requirements listed on the program website.
- See additional installation requirements on the program website.
- Acronyms:

**HSPF/HSPF2:** Heating Seasonal Performance Factor

**COP:** [Coefficient of Performance](#)

[\\*\\* “Up to” incentives do not authorize variable incentives except for decreased incentive payments when the energy efficiency project is funded partially by other market funding sources outside of participant funds, financing, or utility incentives. The “up to” designation allows incentive payment to be made such that the incentive does not exceed the qualifying project costs inclusive of other market funding sources.](#)