



# Incentives – Existing Multifamily Properties

Existing Multifamily Program | Information Sheet | PI 320<sub>M</sub>

Incentives for Oregon Customers of Portland General Electric (PGE), Pacific Power, NW Natural, Cascade Natural Gas and Avista.

Lockheed Martin Energy is a Program Management Contractor for Energy Trust of Oregon.

Effective July 1, 2019, Energy Trust is offering the following incentives for existing multifamily properties:

- Incentive offers are subject to change. Complete Energy Trust incentive application forms with all required accompanying documentation must be submitted within 90 days of equipment purchase and/or installation to request incentive payments.
- Windows and Insulation projects must be installed in accordance with the specifications outlined in the Existing Multifamily Weatherization Specifications Manual available for download at [www.energytrust.org/manual](http://www.energytrust.org/manual).
- Properties applying for cash incentives for weatherization or heating must have space heating provided by a participating utility and properties applying for incentives for water heaters or clothes washers must have water heating provided by a participating utility.

**Weatherization (Side-by-Side Units (no residences above or below), and Duplex, Triplex, Fourplex Properties)<sup>1</sup>– Submit Form 320WX to request incentives**

Upgrade	Existing Condition	Retrofit Requirement	Incentive
Windows – Electric or Gas Heat <sup>2</sup> (including sliding glass patio doors)		U-Value of 0.28 to 0.30	\$1.75 per square foot of window
		U-Value of 0.27 or lower	\$4.00 per square foot of window
Attic/Ceiling Insulation – Electric or Gas Heat	R-0 to R-18	R-49 or fill attic space	\$0.25 per installed square foot
Floor Insulation – Electric or Gas Heat	R-0 to R-11	R-30 or fill cavity	\$0.30 per installed square foot
Wall Insulation – Electric or Gas Heat	R-4 or less	R-11 or fill cavity All heated exterior wall surfaces must be insulated	\$0.30 per installed square foot
Knee Wall Insulation – Electric or Gas Heat	R-4 or less	R-15 or greater for 2 x 4 cavities, R-21 or greater for 2 x 6 cavities Must have vapor permeable air barrier	\$0.30 per installed square foot
Rim Joist Insulation – Electric or Gas Heat	R-4 or less	R-15 or greater	\$0.30 per installed square foot
Flat Roof Insulation <sup>3</sup> – Electric or Gas Heat	R-5 or less	R-20 or greater	\$0.30 per installed square foot

<sup>1</sup>. Incentives are based on the building type with the greatest number of units. If the majority of the property's units are configured in duplex, triplex, and fourplex buildings then the entire property qualifies for duplex, triplex and fourplex incentives. If the majority of the property is configured with five or more units in each building then the entire property will qualify for multifamily incentives that are available for five or more units.

<sup>2</sup>. **Walkthrough survey or pre-installation verification is required before starting a windows project.** To schedule a walkthrough survey, contact a program representative at 1.877.510.2130.

<sup>3</sup>. Flat Roof insulation is available for all building types with three stories or less.



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### Weatherization (Stacked Structures with Five or More Units) – Submit Form 320WX to request incentives

Equipment	Existing Condition	Retrofit Requirement	Incentive
Windows – Electric Heat <sup>4</sup> (including sliding glass patio doors)	Single-Pane	U-Value of 0.30 or lower, replacing single-pane or storm and single-pane windows	\$3.00 per square foot of window
Attic/Ceiling Insulation – Electric or Gas Heat	R-0 to R-18	R-49 or fill attic space	\$0.25 per installed square foot
Floor Insulation – Electric Heat	R-0 to R-11	R-30 or fill cavity	\$0.30 per installed square foot
Flat Roof Insulation <sup>5</sup> – Electric or Gas Heat	R-5 or less	R-20 or greater	\$0.30 per installed square foot

<sup>4</sup> Walkthrough survey or pre-installation verification is required before starting a windows project. To schedule a walkthrough survey, contact a program representative at 1.877.510.2130.

<sup>5</sup> Flat Roof Insulation is available for all building types with three stories or less.

### Pipe Insulation – Submit Form 320WX to request incentives

Equipment	Existing Condition	Retrofit Requirement	Incentive
Boiler Pipe Insulation <sup>6</sup> – Gas Low-pressure steam only (<15 psig)	No Insulation	1.5" diameter pipe or less requires minimum 1.5" thick insulation. Pipe greater than 1.5" in diameter requires minimum 2" thick insulation.	\$4.00 per linear foot
Domestic Hot Water Pipe Insulation <sup>6</sup> – Gas Central gas-fired recirculation systems only	No Insulation	1.5" diameter pipe or less requires minimum 1.5" thick insulation. Pipe greater than 1.5" in diameter requires minimum 2" thick insulation.	\$4.00 per linear foot

<sup>6</sup> Batt insulation does not qualify for an incentive.

### Heating, Ventilation and Cooling – Submit Form 320HVAC to request incentives

Equipment	Retrofit Requirement	Incentive
Furnace – Gas <i>Side-by-side attached dwelling units and duplex, triplex, fourplex properties only</i>	90% AFUE or greater (only for furnaces used as primary heat source, not as back-up heat source)	\$300 per unit
Condensing Furnace – Gas <i>Stacked structures with five or more units only</i>	< 225,000 Btu/h input capacity. Qualification based on Thermal Efficiency (TE). If TE is not provided, AFUE may be used. Must serve multiple units, or serve a common area. Offices are not considered common areas.	\$1.50 per kBtu/h; min 91% TE \$2.00 per kBtu/h; min 95% TE \$3.00 per kBtu/h; min 98% TE
High-Efficiency Condensing Boiler with Electronic Ignition - Gas	< 300 kBtu/h, minimum 94% AFUE ≥ 300 kBtu/h to ≤2500 kBtu/h, minimum 94% Thermal Efficiency > 2500 kBtu/h, minimum 94% Combustion Efficiency	\$10.00 per kBtu/h < 300 kBtu/h input \$9.00 per kBtu/h 300 - 2500 kBtu/h input \$8.00 per kBtu/h > 2500 kBtu/h input
High-Efficiency Direct-vent Fireplace - Gas <i>Side-by-side attached dwelling units and duplex, triplex, fourplex properties only</i>	Must be 70% FE or greater, have an intermittent pilot ignition, be vented to outside with sealed combustion, and be on Energy Trust's qualified models list at <a href="https://energytrust.org/gasfireplaces">https://energytrust.org/gasfireplaces</a> .	\$150 per unit - FE 70 - 74% \$250 per unit - FE 75% or greater



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### Heating, Ventilation and Cooling – Submit Form 320HVAC to request incentives – Continued

Equipment	Retrofit Requirement	Incentive
Central Air Conditioner <sup>7</sup> <i>Side-by-side attached dwelling units and duplex, triplex, fourplex properties are eligible</i>	Must be a central air conditioner serving a majority of the residence. System must have a minimum EER of 12 and a minimum SEER of 15 as shown on an AHRI certificate. Heat pumps are not eligible.	\$250 per outdoor unit
Thermostatic Radiator Valves (TRVs) – Gas Central hydronic or steam systems only	Replace manual, non-thermostatically controlled valves at dwelling unit radiators	\$100 per TRV
Steam Traps – Low-pressure (< 15 psig) systems only	Repair/replace failed open steam traps	\$100 per trap
Packaged Terminal Heat Pump (PTHP)	Must be on the AHRI PTHP qualified list – visit <a href="http://www.ahridirectory.org">www.ahridirectory.org</a> Unit must provide both heat pump heating and cooling and replace electric furnace or electric resistance heat (baseboard, in-wall unit or internal heater of PTAC)	\$200 per unit
Ductless Heat Pump	Addition of ductless heat pump – Must be an inverter-driven model with an HSPF of 9.0 or greater, have a minimum 5-year compressor warranty and replace electric resistance heat (electric furnace, baseboard or in-wall unit)	\$800 per outdoor unit
Ducted Heat Pump <i>Side-by-side attached dwelling units and duplex, triplex, fourplex properties only</i>	Must replace electric forced air furnace or electric resistance heat, HSPF of 8.5 or greater.	\$700 per unit
Heat Pump Advanced Controls <sup>7</sup> <i>Side-by-side attached dwelling units and duplex, triplex, fourplex properties are eligible</i>	Add a qualifying thermostat to a new or existing ducted heat pump with electric auxiliary heat. Thermostat must be either web-enabled or utilize an outdoor temperature sensor and be programmed with a 35°F degree lockout. Cannot be combined with smart thermostat incentive. Must be contractor installed. Qualifying models at <a href="https://energytrust.org/heatpumpcontrols">https://energytrust.org/heatpumpcontrols</a>	\$250 per unit
Smart Thermostat <sup>8</sup> – Web-enabled	Space heating must be provided by an electric forced-air furnace, gas forced-air furnace or electric heat pump. Must be web-enabled. Qualifying models at <a href="http://energytrust.org/incentives/multifamily-smart-thermostat">energytrust.org/incentives/multifamily-smart-thermostat</a> .	\$50 per thermostat
New Rooftop Units (RTU) with Manufacturer-Installed Advanced Controls. <i>Units must have direct expansion (DX) cooling and either gas furnace or heat pump heating.</i>	Economizer <sup>7</sup> : Cooling capacity less than 54,000 Btu/h	\$30 per ton
	Demand Control Ventilation (DCV) <sup>8</sup> : Must also have economizer, must serve spaces not required by code to have DCV	\$29 per ton
	Variable Frequency Drive (VFD) <sup>7</sup> : Must have both economizer and DCV, must have both cooling capacities less than 110,000 Btu/h and supply fan motor less than 10 hp.	\$100 per ton

<sup>7.</sup> The site's electricity must be provided by PGE or Pacific Power.

<sup>8.</sup> The site must be primarily heated with fuel provided by PGE, Pacific Power, NW Natural Gas, Cascade Natural Gas or Avista.



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### Heating, Ventilation and Cooling – Submit Form 320HVAC to request incentives – Continued

Equipment	Existing Condition	Retrofit Requirement	Incentive
High-Efficiency Bath Fan	Inefficient bath fan with light	High-efficiency bath fan without a light - Fan must have an efficacy of 5.3 CFM/W (cubic ft per minute per watt) or higher and be ENERGY STAR® approved	\$20 per unit without light
		High-efficiency bath fan with light - Must meet same requirements as above and have a CFL with GU-24 socket or LED light ≤ 26W	\$50 per unit with light

### Appliances – Submit Form 320APP to request incentives

Equipment	Retrofit Requirement	Incentive
Commercial Front-Loading Clothes Washer <sup>9, 10</sup> – Electric or Gas water heat	MEF 2.2 or greater; IWF 4.0 or lower, common area only	\$300 per unit
In-unit Residential Front-Loading Clothes Washer – Electric or Gas water heat	IMEF 2.76 or greater; 2.5 cubic feet or greater tub capacity; in-unit or common area	\$65 per unit
ENERGY STAR Refrigerator	14.3 to 20.5 cubic feet with a top freezer and no through door ice. Must be “active” on ENERGY STAR qualified list – visit <a href="https://energytrust.org/qualifyingfridges">https://energytrust.org/qualifyingfridges</a>	\$35 per unit

### Gas Water Heating – Submit Form 320WH to request incentives

Gas Equipment	Retrofit Requirement	Incentive
High-Efficiency Water Heater - Gas <i>Duplex, triplex fourplex and side-by-side properties only</i>	See “Instant Water Heater Discounts” section below	N/A
Commercial Tank Water Heater – Gas	Minimum 94% thermal efficiency. Input of 75 kBtu/h or greater. Integral tank volume must be less than 10 gallons.	\$3.00 per kBtu/h
Commercial Condensing Tankless Water Heater – Gas	Minimum 92% thermal efficiency, electronic ignition, input of 200 kBtu/h or greater. Integral tank volume must be less than 10 gallons.	\$2.25 per kBtu/h
Condensing Tankless Water Heater - Gas <i>Stacked structures with 5 or more units only</i>	EF 0.94 or greater, input of less than 200 kBtu/h and supply hot water to multiple units	\$300 per unit
DHW Recirculation Pump Controls <sup>9</sup>	Control type must be aquastat, on-demand or learning controls. Building must have central domestic water heating. All installed controls must meet applicable codes and regulations.	\$100 per system < 1/8 HP
		\$500 per system ≥ 1/8 HP

<sup>9.</sup> The site must have water heating provided by PGE, Pacific Power, NW Natural Gas, Cascade Natural Gas or Avista and the site’s electricity must be provided by PGE or Pacific Power.

<sup>10.</sup> Commercial washers must be used in a common area to qualify for an incentive. Leased commercial washers must have a 7 year or longer lease term and be installed in a common area to qualify for an incentive. Participant must provide a signed lease agreement and documentation that identifies washer quantity, model number(s) and purchase/installation cost.



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### Electric Water Heating – Submit Form 320WH to request incentives

Electric Equipment	Incentive Availability
Heat Pump Water Heaters	See “Instant Water Heater Discounts” section below

### Instant Water Heater Discounts

Equipment	Incentive Availability
Heat Pump Water Heaters	Energy Trust works with retailers throughout the state to offer instant discounts on energy-efficient water heaters to help make upgrades more affordable. Visit <a href="http://energytrust.org/hotwater">energytrust.org/hotwater</a> for more information and requirements.
High-Efficiency Water Heater - Gas	

### Lighting

Equipment	Additional Requirements
High-Efficiency Common Area Lighting	See <i>Lighting Incentives, PI 190L</i>

### Solar (must be installed by an Energy Trust Solar Trade Ally)

Equipment	Additional Requirements
Solar Electric	Visit <a href="http://www.energytrust.org/solarbid">www.energytrust.org/solarbid</a> for details, or to discuss incentive opportunities with an Energy Trust Solar Trade Ally

### Custom Incentives May Be Available

Energy-efficient equipment not listed may still be eligible for custom incentives. To learn more about these and other incentives, call the Existing Multifamily Program at 1.877.510.2130 or visit our website at [www.energytrust.org/multifamily](http://www.energytrust.org/multifamily).