

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR



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

TRC is a Program Management Contractor for Energy Trust of Oregon

Effective April 1, 2025, Energy Trust offers the following incentives for qualifying new natural gas and electric energy-saving equipment installed at a commercial, municipal or institutional facility in the State of Oregon:

- Incentives are subject to change. To apply, submit a complete Energy Trust incentive application with all required accompanying documentation by the deadline listed in the application form
- Electric customers of Portland General Electric and Pacific Power can apply for incentives for qualifying electric equipment, and natural gas customers on eligible rate schedules of NW Natural, Cascade Natural Gas or Avista can apply for incentives for qualifying natural gas equipment

Insulation

- Must be installed at a site heated by electricity or gas provided by participating utilities, or gas/other heat at a site with gas not provided by a participating utility
- Must be installed in areas of the building envelope that separate conditioned space and unconditioned space. Insulation installed between conditioned spaces does not qualify. Semi-conditioned or semi-heated spaces do not qualify for an incentive.
- Damaged insulation, which provides no insulating value, or missing insulation must be prequalified and documented by installation contractor.

Upgrade	Existing Condition	New Condition	Requirements	Incentive
Attic Insulation or Below Deck Roof Insulation	R-9 or less	At least R-25	Insulate to at least R-25 efficiency rating or fill cavity.	\$0.90 per sq ft
Above Deck Roof Insulation	R-0	At least R-15	No existing insulation, unless existing is damaged or missing. Insulate to at least R-15 efficiency rating.	\$2.85 per sq ft
Above Deck Roof Insulation	R-0	At least R-30	No existing insulation, unless existing is damaged or missing. Insulate to at least R-30 efficiency rating.	\$2.85 per sq ft
Above Deck Roof Insulation	R-5 or less	At least R-30	Existing insulation is R-5 or less. Insulate to at least R-30 efficiency rating. When R-30 insulation requirements cannot be met due to existing site restrictions, a minimum of R-15 must be achieved.	\$1 per sq ft
Wall Insulation	R-6 or less	At least R-20	Insulate to at least R-20 efficiency rating or fill cavity.	\$1.30 per sq ft

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Pipe Insulation

Equipment	Requirements	Heat Type	Pipe Insulation Type	Incentive
Pipe Insulation	Must insulate bare pipe with no existing insulation or replace insulation that is aged, wet, or damaged/torn in multiple locations. Ineffective insulation must be documented as such by the installing contractor. Insulation must be at least one inch thick. Jacketing must provide an appropriate level of protection for the insulation under the given environmental conditions to maintain the life of the insulation. This will commonly be All Service Jacketing (ASJ) or PVC in indoor applications and aluminum or stainless steel jacketing for outdoor projects. Piping must be part of a system using electricity or natural gas provided by a participating utility.	Gas Heating	Piping serves domestic hot water	\$18 per linear foot
			Piping serves low/medium pressure steam (at most 200 psig)	\$25 per linear foot
			Piping serves heating hot water	\$25 per linear foot
		Electric Resistance Heating	Piping serves domestic hot water	\$30 per linear foot
			Piping serves heating hot water	\$30 per linear foot

HVAC Equipment – Heat Pumps

Equipment	Requirements	Incentive
Ductless Heat Pump (DHP) – Lodging only	Must have a minimum efficiency of 18 SEER or SEER2 and 10 HSPF or 9.5 HSPF2. Must be a single compressor system with up to two heads per dwelling unit. Only lodging sites qualify. Only new installation or replacement applications qualify.	\$500 per ton of cooling capacity
Packaged Terminal Heat Pump (PTHP) - Lodging only	Must replace electric resistance heat or a packaged terminal air conditioner (PTAC) with existing electric resistance heating. Qualified models must be found on the PTHP list here: www.ahridirectory.org . Only lodging sites qualify.	\$800 each
Commercial Ductless Heat Pump - New or Replacement	<ul style="list-style-type: none">May replace any existing heating equipment that is non-functional or near the end of its useful life (typically 15 years or older). In these cases, existing equipment may use any fuel (including but not limited to natural gas, electric, propane or biomass)Projects where existing equipment is functional, and not at the end of its useful life, do not qualify for an incentive.Qualifying spaces are limited to office, retail, and restaurants; total conditioned space must be less than 10,000 square feet. Spaces previously not heated or newly added spaces in an existing building are qualifyConditioned space served may be part of a larger building, but the space served must also be enclosed and not open to other conditioned spacesProduct efficiency ratings for equipment must be AHRI rated with SEER2 at least 20 and HSPF2 of at least 9.5	\$300 per ton
Server/Telecom Room – Mini-Split Air Conditioning	Cooling efficiency rated SEER 18 or SEER2 18 or greater. Cooling capacity no greater than 4.5 tons per unit (1 ton = 12 kBtu/h). Unit must serve a space exclusively used for servers, communications and other data equipment. Maximum of 2 units per space.	Server Closet Mini-Split Air Conditioner
		Server Closet Mini-Split Heat Pump

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

HVAC and Water Heating Equipment

Equipment	Requirements				Incentive
Forced Circulation Generator Block Heater	Generator must be stationary and fixed. The heater must use forced circulation and be installed by manufacturer-certified installer. Site must receive electricity from a participating utility. For retrofit projects (upgrades), the heater must replace a thermosiphon block heater	Retrofit (upgrading existing, functional equipment)	Electric Resistance Type Generator Block Heater	1.6 to 3.0 kW	\$320 each
				3.1 to 9.0 kW	\$1,400 each
		End-of-life Replacement or New Applications	Heat Pump Type Generator Block Heater	4.0 to 5.9 kW	\$12,000 each
				6.0 to 8.9 kW	\$22,000 each
			Electric Resistance Type Generator Block Heater	1.1 to 2.5 kW	\$320 each
Gas-fired High Efficiency Condensing HVAC Boiler	Must have at least 94% efficiency, either Annual Fuel Utilization Efficiency (AFUE) or thermal efficiency (TE). Must have at least 5-to-1 turndown ratio. Must not be a backup , redundant or lagging boiler. Must be used for HVAC purposes: boilers used for domestic hot water (DHW), pool heating, and “heat adders” that serve water-source heat pump systems do not qualify. Cannot be combined with the Modulating Boiler Burner measure.				\$6.50 per kBtu/h input
Modulating Boiler Burner	Must be installed on a natural gas-fired boiler used for hydronic heating (HVAC). Must replace a dual stage burner or an on-off burner. Must have at least 5-to-1 turndown ratio. Boilers used for process heating, domestic hot water (DHW) or pool heat do not qualify. Cannot be combined with the Gas-fired High Efficiency Condensing HVAC Boiler measure.				\$10 per kBtu/h of burner rated capacity
Commercial Condensing Gas Furnace	Must be primary heating source for the space. Input capacity must be less than 225,000 Btu/h. Must have at least 95% Annual Fuel Utilization Efficiency (AFUE). Must have either multispeed or variable speed Electronically Communicated Motor (ECM) supply fan.	Sites with gas heating, gas and electricity provided by participating utilities		\$8.25 per kBtu/h input	
		Sites with gas heating, only gas provided by a participating utility		\$8.25 per kBtu/h input	
Infrared Radiant Heater	Must be natural gas-fired, low intensity, non-condensing and positive pressure system. Indoor area use only, no greater than 20,000 square feet. Site must receive gas from a participating utility.	Non-Modulating		\$4 per kBtu/h input	
		Modulating		\$5 per kBtu/h input	
Steam Trap	Must replace or repair a failed, open existing steam trap. Must be installed on a gas-fired steam boiler system served by participating gas utility. All steam traps in the system must be tested for failure status prior to replacement or repair. All systems must be no greater than 200 psig. For repaired traps, invoices for steam trap repair parts are required.	Replaced steam trap (psig below 200)		\$500 each	
		Repaired steam trap (psig 50 or less)		\$400 each	
		Repaired steam trap (psig more than 50, less than 200)		\$500 each	
Steam Trap – Dry Cleaners	Must replace steam trap(s). Existing equipment may be operating or failed. Steam trap repairs do not qualify. Must be installed on a gas-fired steam boiler system served by participating gas utility. Dry cleaner systems must have 75 to 125 psig. Dry cleaner properties must provide details of last steam trap replacement and previous incentives received for steam trap replacement.				\$350 each

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Water Heating Equipment

Equipment	Requirements		Incentive
Commercial Condensing Tankless Water Heater under 200 kBtu/h input	Gas-condensing units must function as central source for domestic hot water (DHW) heating. Water Heater Uniform Energy Factor (UEF) must be at least 0.94. Water heater input capacity must be less than 200 kBtu/h per water heater. Additional hot water storage tanks cannot be added. Approved models must be found here: www.ahridirectory.org . Projects where existing water heater is functional, and not at the end of its useful life, do not qualify.		\$140 each
Commercial Condensing Tankless Water Heater/ Boiler at least 200 kBtu/h input	Gas-condensing domestic hot water (DHW) must not be used for space heating and must serve a central water heating system. Integral tank volume must be less than 10 gallons. Must have at least 94% thermal efficiency (TE). Water heater input capacity must be at least 200 kBtu/h per water heater. All building types qualify except offices less than 5,500 sq ft and commercial gyms without shower facilities. Approved models must be found here: www.ahridirectory.org .		\$1.40 per kBtu/h input
Commercial Condensing Tank Water Heater	Gas-condensing, storage-type water heater must have an integral tank volume at least 10 gallons. Water heater input capacity must be greater than 75 kBtu/h per water heater. Must have at least 94% thermal efficiency (TE) or recovery efficiency. All building types qualify except offices less than 5,500 sq ft and commercial gyms without shower facilities. Additional storage-only tanks may be present. Site must have water heating provided by a participating utility. Projects where existing water heater is functional, and not at the end of its useful life, do not qualify.		\$3.50 per kBtu/h
Commercial Heat Pump Water Heater (HPWH)	Tank size must be between 40 to 120 gallons. HPWH meets minimum efficiency specifications outlined in the NEEA Advanced Water Heater Specification Version 7.0* , NEEA qualified product list** . Must be installed according to manufacturer's recommendations. Must have a back-up resistance heating element. Water heating fuel must be provided by a participating utility.	Ducted HPWH	\$800 each
		Non-ducted HPWH	\$800 each
Domestic Hot Water (DHW) Recirculation Pump Controls	Pump control types must be temperature, combined timer and temperature or learning controls. DHW recirculation system must meet applicable codes and regulations. Site must have domestic central water heating. Both retrofitted controls or integral controls qualify. Site must have water heating fuel provided by a participating utility.	1/4 horsepower (hp) and below	\$180 per system
		More than 1/4 hp up to 1.25 hp	\$300 per system
		More than 1.25 hp up to 2.5 hp	\$600 per system
		More than 2.5 hp up to 5 hp	\$1,400 per system

* NEEA Advanced Water Heater Specification Version 7.0: <https://www.neea.org/img/documents/Advanced-Water-Heating-Specification.pdf>

** NEEA qualified product list <https://www.neea.org/img/documents/residential-HPWH-qualified-products-list.pdf>

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR



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

TRC is a Program Management Contractor for Energy Trust of Oregon

HVAC and Water Heating Equipment – Pumps

Equipment	Requirements			Incentive
Hydronic Heating Circulator Pumps	Pump motor must be a variable speed electronically communicated motor (ECM). Pumps must be used for space heating. Limited to in-line circulators with horizontal motors. Site must receive electricity from a participating utility. Applicable to multiple pump motors configured in parallel. Projects where a pump is functional and not at the end of its useful life do not qualify for an incentive. ECMs without speed controls do not qualify.	Variable Speed ECM: more than 1/6 HP – 3/4 HP or less		\$250 per pump
		Variable Speed ECM: more than 3/4 HP - 2.5 HP or less		\$350 per pump
		Variable Speed ECM: more than 2.5 HP - 5 HP or less		\$750 per pump
Commercial Pump Variable Frequency Drive (VFD) - New Pump	Variable Frequency Drive (VFD) must be installed on a commercial pump with nominal motor power up to 22.5 horsepower (hp). Qualifying applications include cooling (includes cooling tower), heating and pressure boost. Replacements due to burnout qualify. Irrigation applications do not qualify (see Irrigation Pump VFD measure).	Cooling and Heating applications only	0.50 to 0.75 hp	\$200 per installed VFD
			0.76 to 1.25 hp	\$250 per installed VFD
		All qualifying pump applications	1.26 to 1.75 hp	\$300 per installed VFD
			1.76 to 2.5 hp	\$350 per installed VFD
			2.51 to 3.5 hp	\$400 per installed VFD
			3.51 to 4.5 hp	\$500 per installed VFD
			4.51 to 6.0 hp	\$550 per installed VFD
		Heating, Pressure Boost and Cooling Tower applications only	6.01 to 8.0 hp	\$700 per installed VFD
		Pressure Boost or Cooling Tower applications only	8.01 to 12.5 hp	\$800 per installed VFD
			12.51 to 17.5 hp	\$950 per installed VFD
			17.51 to 22.5 hp	\$1,100 per installed VFD
Irrigation Pump Variable Frequency Drive (VFD)	Irrigation pumps must be between 2 to 25 horsepower (hp). System must not be equipped with a pressure tank. Retrofit projects (upgrades) must not include an existing Variable Frequency Drive (VFD). Replacements due to failed pumps or pump motors qualify as new construction.	Retrofit Pump VFD (Upgrading existing, functional equipment)	2.0 to 4.9 hp	\$1,000 per installed VFD
			5.0 to 7.49 hp	\$2,000 per installed VFD
			7.5 to 9.9 hp	\$3,000 per installed VFD
			10.0 to 14.9 hp	\$3,500 per installed VFD
			15.0 to 19.9 hp	\$4,500 per installed VFD
			20.0 to 24.9 hp	\$5,000 per installed VFD
			25.0 hp	\$6,000 per installed VFD
		New Construction Pump VFD	2.0 to 4.9 hp	\$750 per installed VFD
			5.0 to 7.49 hp	\$1,250 per installed VFD
			7.5 to 9.9 hp	\$1,750 per installed VFD
			10.0 to 14.9 hp	\$2,250 per installed VFD
			15.0 to 19.9 hp	\$2,750 per installed VFD
			20.0 to 24.9 hp	\$3,250 per installed VFD
			25.0 hp	\$3,750 per installed VFD

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

HVAC Equipment – Controls

Equipment	Requirements	Incentive
Advanced Rooftop Controls (ARC) - Lite Retrofit	<ul style="list-style-type: none"> Business must meet minimum annual operating hours requirements Existing system must have a nominal cooling capacity of at least 5 tons Existing system must have a single speed supply fan or motor Existing systems equipped with a variable frequency drive (VFD) do not qualify. Existing systems with economizers do not qualify Installed equipment must have a VFD and controller for variable speed fan operation. Installed equipment controls must be listed on BPA qualifying product list* 	Electric or gas heat rooftop unit. Site must receive electricity from a participating utility and gas from a non-participating utility. Must have at least 2,500 operating hours.
		Electric or gas heat rooftop unit. Site must receive electricity and gas from a participating utility. Sites with electric heat must have at least 2,500 operating hours, sites with gas heat must have at least 3,500 operating hours.
Advanced Rooftop Controls (ARC) - Full Retrofit	<ul style="list-style-type: none"> Business has annual operating hours of at least 500 annual operating hours Existing system must have a nominal cooling capacity of at least 5 tons Existing system must have a single speed supply fan or motor Existing systems equipped with a Variable Frequency Drive (VFD) or a CO₂ sensor for Demand Control Ventilation (DCV) do not qualify. Existing systems with economizers do not qualify Installed equipment must have a controller with digital, integrated economizer with either differential dry-bulb or differential enthalpy with fixed dry-bulb high-limit shutoff Installed equipment must have a controller with DCV with proportional control based on CO₂ sensor reading Installed equipment controls listed on BPA qualifying product list* 	Gas heat rooftop unit. Site received electricity from a non-participating utility and gas from a participating utility
		Electric or gas heat rooftop unit. Site received electricity from a participating utility and gas from a non-participating utility
		Electric or gas heat rooftop unit. Sites received electricity and gas from a participating utility

* BPA qualifying product list: <https://www.bpa.gov/-/media/Aep/energy-efficiency/document-library/advanced-rooftop-unit-control-qualified-products-list.pdf>

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

HVAC Equipment – Smart Thermostats

Equipment	Requirements	Incentive
Commercial Smart Thermostats	<ul style="list-style-type: none">Each thermostat must control a single-zone HVAC system with dedicated supply fanLodging sites, spaces with 24/7 operation, and semi-conditioned spaces do not qualifyThermostats installed on ductless heat pumps (DHPs) controlling multiple zones do not qualifyMultiple HVAC systems serving a large open space (retail, grocery, etc.) can qualify if each system has a dedicated controlling thermostatA list of qualifying thermostats can be found at: https://www.bpa.gov/-/media/Aep/energy-efficiency/document-library/connected-thermostat-qualified-products-list.pdfSelf installed thermostats may be subject to a post-install verification review before payment	\$500 each at grocery sites
	<p>The following installation requirements must also be met:</p> <ul style="list-style-type: none">If two or more HVAC systems serve the same open space, temperature setpoints, schedules and dead-bands must matchTemperature setback in heating mode must be at least 10°F below the occupied heating setpointTemperature setback in cooling mode must be at least 5°F above the occupied cooling setpointFan schedule set to 'auto' mode during unoccupied hoursManual setpoint override must be limited to two hours or lessHeat pump with backup resistance heat must enable lock-out with appropriate temperature set-pointsIf a site has existing heating systems with demand-controlled ventilation or advanced rooftop controls, thermostat installers must not disable these systems	\$400 each at non-grocery sites

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Grocery Equipment

Equipment	Requirements		Incentive
Anti-sweat Heater Controls (ASH)	Qualifying heater controls must reduce sweat by sensing humidity, dew point, or condensation. Site must not have an existing refrigeration energy management system, including ASH controls. Site must receive electricity from a participating utility.	Low temperature case (below 0°F)	\$80 per linear ft of door
		Medium temperature case (between 1°F and 35°F)	\$60 per linear ft of door
Evaporator Fan Motors	Must be installed in an existing, functional walk-in or reach-in refrigeration case with electronically commutated motor (ECM) or permanent magnet synchronous motors (PMSM). Existing case motor must be either shaded pole (SP) or permanent split capacitor (PSC) motor. Site must receive electricity from a participating utility. New walk-in or reach-ins do not qualify.	Walk-in case, from a SP	\$180 per motor replaced
		Walk-in case, from a PSC	\$180 per motor replaced
		Reach-in case, from a SP	\$150 per motor replaced
		Reach-in case, from a PSC	\$150 per motor replaced
Strip Curtains	Must be installed where no infiltration barriers exist in walk-in coolers or freezers. Display cases are do not qualify. Must be contractor-installed. Only grocery stores and supermarkets, restaurants and warehouses qualify. To qualify for a walk-in cooler, project site must be a grocery store or a warehouse. To qualify for a walk-in freezer, project site must be a grocery store or a restaurant. Low temperature is at or below 0°F. Medium temperature is between 1°F and 35°F.	Walk-in cooler for grocery stores and warehouses	\$12 per sq ft
		Walk-in freezer for grocery stores and restaurants	\$12 per sq ft
Doors on Open Freezers or Open Refrigerated Cases	Must add doors to existing functional open freezers or refrigerated cases. Self-contained refrigeration cases (integrated condensing units) do not qualify. Low temperature is at or below 0°F. Medium temperature is between 1°F and 35°F.	Gas building heat type. Site receives electricity from a participating utility. Medium or Low Case Temperature.	\$400 per linear ft of door
		Electric or non-participating gas building heat type. Site receives electricity from a participating utility. Medium or Low Case Temperature.	\$350 per linear ft of door
		Gas building heat type. Site receives electricity from a non-participating utility. Medium or Low Case Temperature.	\$160 per linear ft of door

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201

1.877.510.2130 phone ♦ 503.243.1154 fax

existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Grocery Equipment *continued*

Equipment	Requirements		Incentive
High-Speed Doors on Walk-in Coolers or Freezers	Walk-In doorway must be at least 5 ft wide. Walk-In coolers or freezers must be less than 3,000 sq ft. High-speed doors can be equipped with or without air curtains and/or door heaters. Existing non-high speed infiltration barriers may include strip curtains, spring-hinged doors, impact doors and other barriers. Refrigerated warehouses and distribution centers do not qualify. High temperature refrigerated spaces set above 50°F do not qualify.		
	To qualify as a retrofit project (upgrade): Must upgrade existing functional non-high speed door infiltration barriers or walk-ins without any existing infiltration barriers. Walk-ins with existing strip curtains must have at least 50% strip coverage remaining.	Walk-In Cooler - Retrofit/ Upgrade	\$14,000 per door
		Walk-In Freezer - Retrofit/ Upgrade	\$17,000 per door
	To qualify as a new install or replacement project: Must replace failed non-high speed door infiltration barriers or failed high-speed doors. Walk-ins with existing strip curtains must have less than 50% strip coverage remaining. New walk-in with high-speed doors can replace an old walk-in that is at or near the end of its useful life.	Walk-In Cooler - New Install or Replacement	\$11,000 per door
		Walk-In Freezer - New Install or Replacement	\$14,000 per door
New Cooler Cases with Doors	Must be a new refrigerated display case with doors, additional cases are added or existing cases are replaced. Doors must be transparent. Cases with solid doors do not qualify. Refurbished cases do not qualify. Can be installed at sites with electric or gas heat, or at sites with gas or other heat, with no participating gas provider.	Vertical cases (remote-condensing) - Coolers only	\$150 per linear ft of door
		Horizontal cases (remote-condensing) - Coolers or Freezers	\$150 per linear ft of door
		Self-Contained Unit - Horizontal Freezer at site with gas heat, with no participating gas provider	\$150 per linear ft of door
ENERGY STAR® Vertical Reach-in Refrigerator	Must be active on ENERGY STAR certified product list (version 5.0) *. Case must be packaged and self-contained with a built-in cooling compressor. Case must have glass doors. Used or rebuilt cases do not qualify. Cases with remote refrigeration systems do not qualify. Refrigerator volume must be less than 15 cubic feet. Site must receive electric service from a participating utility.		\$20 each
ENERGY STAR Vertical Reach-in Freezer	Must be active on ENERGY STAR certified product list (version 5.0) *. Case must be packaged and self-contained with a built-in cooling compressor. Case must have glass doors. Used or rebuilt cases do not qualify. Cases with remote refrigeration systems do not qualify. Horizontal or chest-style freezers do not qualify. Site must receive electric service from a participating utility.	Volume less than 15 cubic feet	\$40 each
		Volume 15 - 29.9 cubic feet	\$80 each
		Volume 30 - 49.9 cubic feet	\$190 each
		Volume At least 50 cubic feet	\$325 each

* ENERGY STAR qualifying Commercial Refrigerator and Freezer models: <https://www.energystar.gov/productfinder/product/certified-commercial-refrigerators-and-freezers/results>

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Grocery Equipment *continued*

Equipment	Requirements		Incentive
Floating Head Pressure Control (FHPC), Compressor Rack	Adding a FSPC to a compressor rack control system. Existing rack system must not have FHPC or FSPC.	Air Cooled Condenser	\$60 per compressor hp
		Evaporatively Cooled Condenser	\$60 per compressor hp
Floating Suction Pressure Controls (FSPC), Compressor Rack	Adding a FSPC to a compressor rack control system. Existing rack system must not have FHPC or FSPC.	Air Cooled Condenser	\$60 per compressor hp
		Evaporatively Cooled Condenser	\$60 per compressor hp
FHPC and FSPC, Compressor Rack	Adding a FHPC and FSPC, concurrently, to a compressor rack control system. Existing rack system must not have FHPC or FSPC. Cannot be combined with FSPC or FHPC Compressor Rack measures.	Air Cooled Condenser	\$130 per compressor hp
		Evaporatively Cooled Condenser	\$130 per compressor hp
Condenser Fan Variable Frequency Drive (VFD), Compressor Rack	Adding a single VFD to control an existing multi-fan condensing unit. Existing condenser multi-fan systems must not have VFD.	Air Cooled Condenser	\$850 per fan motor hp
		Evaporatively Cooled Condenser	\$850 per fan motor hp
On-demand Overwrapper	Use either a mechanical or optical control system to detect product..		\$350 each
Advanced Controls for Walk-in Coolers and Freezers	<ul style="list-style-type: none"> Must install a device capable of evaporator fan control, compressor run time control and defrost control Controller must be on Qualified Product List A qualifying controller includes a single control device installed either on a single walk-in cooler/freezer or on a single condensing unit connected to daisy-chained evaporator units of the same walk-in type. All daisy-chained evaporators must be used either for coolers or for freezers Controls may be installed on either box type or display walk-in coolers or freezers, and walk-in units must be less than 3,000 square feet (in total) Walk-in units can be customer-owned or leased, can be self-contained or remote-condensing and can be located indoors or outdoors Controls installed on reach-in refrigerated cases, multiplex or rack refrigeration systems, do not qualify Walk-in units in industrial warehouse applications or walk-in units with VFD evaporator fan motors, VFD compressors or X-line condensing units do not qualify 	Retrofit or Upgrade applications	\$1,200 per condenser unit
		New or Replacement applications (factory-installed)	\$500 per condenser unit

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Foodservice Equipment

Equipment	Requirements		Incentive
Electric Combination Oven – 5-40 Pan Capacity	Must be active on ENERGY STAR® certified product list (version 3.0)* .	5-14 pan capacity:	\$1,000 each
		15-28 pan capacity:	\$600 each
		29-40 pan capacity:	\$3,000 each
Gas Combination Oven – 5-40 Pan Capacity	Must be active on ENERGY STAR certified product list (version 3.0)*		\$500 each
Double Rack Gas Oven	Must be active on ENERGY STAR certified product list (version 3.0)* . One removable double-width rack or two removable single racks to accommodate two full sheets per level, each pan at least 18" x 26" x 1".	Installed at sites with gas service from a participating utility	\$900 each
		Installed at sites where only electricity is provided by a participating utility (gas or propane)	\$600 each
Electric Convection Oven – Full-size	Must be active on ENERGY STAR certified product list (version 3.0)* . Accommodates standard full-size sheet pans measuring at least 18" x 26" x 1".		\$1,000 each
Gas Convection Oven – Full-size	Must be active on ENERGY STAR certified product list (version 3.0)* . Accommodates standard full-size sheet pans measuring at least 18" x 26" x 1".		\$500 each
Commercial Ice Maker	Must be active on ENERGY STAR certified product list (version 3.0)** .	Batch Self-contained Unit (SCU) 200-4,000 lbs. per day	\$180 each
		Batch Remote Condensing Unit (RCU) 988-4,000 lbs. per day	\$400 each
		Continuous RCU 800-4,000 lbs. per day	\$400 each
		Batch Ice-Making Head (IMH) 1,500-4,000 lbs. per day	\$400 each
		Continuous Ice-Making Head (IMH) 820-4,000 lbs. per day	\$400 each
Commercial Vent Hood with Demand Controlled Ventilation	Motor speeds must be controlled by a programmable controller, with scheduling, occupancy sensing, and heat sensing capabilities. Variable speed control must be installed on both the make-up air unit motor and the hood exhaust motor. Both motors must be functional. Make-up air must be tempered. Total controlled motor horsepower must be at least 1.0 hp and cannot exceed total existing horsepower of make-up air unit and exhaust fan motor.	Gas heat or electric heat	\$1,500 per controlled motor horsepower
		Gas or other non-electric heat in electric only territory	\$900 per controlled motor horsepower

* ENERGY STAR certified Commercial Ovens product list: <https://www.energystar.gov/productfinder/product/certified-commercial-ovens/results>

** ENERGY STAR Certified Commercial Ice Machines product list: <https://www.energystar.gov/productfinder/product/certified-commercial-ice-machines/results>

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Foodservice Equipment *continued*

Equipment	Requirements	Incentive																			
Gas Steam Cooker	Gas steam cooker must be active on ENERGY STAR certified product list (version 1.2)* and meet efficiency requirements below. Steam Cookers must hold at least three pans. Steam cookers may be boilerless or steam generator type. Site must receive gas service from a participating utility. Gas steam generator cookers installed in schools do not qualify.	\$1,000 each																			
	<table><tr><th>Number of Pans</th><th>Cooking Energy Efficiency</th><th>Idle Energy Rate</th></tr><tr><td>3</td><td>39% or higher</td><td>2,440 Btu/h or lower</td></tr><tr><td>4</td><td>49% or higher</td><td>5,850 Btu/h or lower</td></tr><tr><td>5</td><td>49% or higher</td><td>7,027 Btu/h or lower</td></tr><tr><td>6</td><td>43% or higher</td><td>2,770 Btu/h or lower</td></tr><tr><td>More than 6</td><td>48% or higher</td><td>11,287 Btu/h or lower</td></tr></table>		Number of Pans	Cooking Energy Efficiency	Idle Energy Rate	3	39% or higher	2,440 Btu/h or lower	4	49% or higher	5,850 Btu/h or lower	5	49% or higher	7,027 Btu/h or lower	6	43% or higher	2,770 Btu/h or lower	More than 6	48% or higher	11,287 Btu/h or lower	
	Number of Pans		Cooking Energy Efficiency	Idle Energy Rate																	
	3		39% or higher	2,440 Btu/h or lower																	
	4		49% or higher	5,850 Btu/h or lower																	
	5		49% or higher	7,027 Btu/h or lower																	
	6		43% or higher	2,770 Btu/h or lower																	
More than 6	48% or higher	11,287 Btu/h or lower																			
Electric Steam Cooker	Electric steam cooker must be active on ENERGY STAR certified product list (version 1.2)* and meet efficiency requirements below. Steam cooker must hold at least three pans. Steam cookers may be boilerless or steam generator type. Site must receive electricity from a participating utility.	Boilerless (3-4 pans)	\$400 each																		
	<table><tr><th>Number of Pans</th><th>Cooking Energy Efficiency</th><th>Idle Energy Rate</th></tr><tr><td>3</td><td>55% or higher</td><td>235 Watts or lower</td></tr><tr><td>4</td><td>55% or higher</td><td>325 Watts or lower</td></tr><tr><td>5</td><td>69% or higher</td><td>280 Watts or lower</td></tr><tr><td>6</td><td>61% or higher</td><td>300 Watts or lower</td></tr><tr><td>More than 6</td><td>67% or higher</td><td>330 Watts or lower</td></tr></table>	Number of Pans	Cooking Energy Efficiency	Idle Energy Rate	3	55% or higher	235 Watts or lower	4	55% or higher	325 Watts or lower	5	69% or higher	280 Watts or lower	6	61% or higher	300 Watts or lower	More than 6	67% or higher	330 Watts or lower	Boilerless (5 or more pans)	\$600 each
		Number of Pans	Cooking Energy Efficiency	Idle Energy Rate																	
		3	55% or higher	235 Watts or lower																	
		4	55% or higher	325 Watts or lower																	
		5	69% or higher	280 Watts or lower																	
		6	61% or higher	300 Watts or lower																	
More than 6		67% or higher	330 Watts or lower																		
Steam Generator (3 or more pans) – installed in schools	\$600 each																				
Steam Generator (3 or more pans) - installed in non-school sites	\$2,000 each																				
	High Efficiency Gas Fryer	Gas fryer must be on the Qualified Product List** and must be active on ENERGY STAR® certified product list (version 3.0)***. Standard vat must have at least 54% efficiency and idle energy rate must be at most 8,000 BTU per hour. Large vat must have at least 56% efficiency and idle energy rate must be at most 10,000 BTU per hour. Site must receive gas service from a participating utility.	Standard Vat	\$1,500 each																	
		Large Vat	\$2,000 each																		
High Efficiency Electric Fryer	Electric fryer must be on the Qualified Product List** and must be active on ENERGY STAR certified product list (version 3.0)***. Standard or split vat must have at least 85% efficiency and idle energy rate must be at most 700 Watts. Large vat must have at least 88% efficiency and idle energy rate must be at most 1,000 Watts. Site must receive electricity from a participating utility.	Standard or Split Vat	\$800 each																		
	Large Vat	\$1,000 each																			

* ENERGY STAR Certified Commercial Steam Cookers: <https://www.energystar.gov/productfinder/product/certified-commercial-steam-cookers/results>

** ENERGY STAR Certified Commercial Fryers product list: <https://www.energystar.gov/productfinder/product/certified-commercial-fryers/results>

*** High Efficiency Commercial Fryer Qualified Product List: <https://www.energytrust.org/wp-content/uploads/2024/10/High-Efficiency-Commercial-Fryers-QPL.pdf>

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Foodservice Equipment *continued*

Equipment	Requirements		Incentive
Electric Griddle – Single-sided	Must be active on ENERGY STAR® certified product list (version 1.2)*		\$1,000 each
Gas Griddle – Single-sided	Must be active on ENERGY STAR certified product list (version 1.2)*		\$1,000 each
Commercial Conveyor and Stationary Dishwasher	Must be active on ENERGY STAR certified product list (version 3.0)** . Dishwasher must be either high temp or dual temp except for the undercounter dishwasher which can be high, low or dual temp. Flight type dishwashers do not qualify. Site must receive electricity from a participating utility.	Single-Tank Conveyor (High or Dual Temp)	\$900 each
		Multi-Tank Conveyor (High or Dual Temp)	\$900 each
		Single Tank, Door Type (High or Dual Temp)	\$900 each
		Undercounter (Low, High or Dual Temp)	\$750 each
		Pot, Pan and Utensil - PPU (High or Dual Temp)	\$1,200 each
Automatic Conveyor Broiler	Broiler must have an automatic conveyor with catalyst. For gas-fired broilers, input rate must be below 80 kBtu/h or dual stage or modulating gas valve with a capability of throttling the input rate below 80 kBtu/h. Qualifying broilers may be gas, electric or hybrid gas/electric. Broilers may use propane or other gas at sites where only electricity is provided by a participating utility.	Total conveyor belt width less than 20"	\$2,500 each
		Total conveyor belt width 20" to 26"	\$3,000 each
		Total conveyor belt width greater than 26"	\$3,500 each
Electric Hot Food Cabinet – Half-size	Must be active on ENERGY STAR certified product list (version 2.0)*** . Interior volume must be less than 13 cubic feet. Hot food holding cabinets installed in schools do not qualify.		\$150 each

* ENERGY STAR Certified Commercial Griddles product list: <https://www.energystar.gov/productfinder/product/certified-commercial-griddles/results>

** ENERGY STAR Certified Commercial Dishwashers product list: <https://www.energystar.gov/productfinder/product/certified-commercial-dishwashers/results>

*** ENERGY STAR certified Hot Food Holding Cabinets product list: <https://www.energystar.gov/productfinder/product/certified-commercial-hot-food-holding-cabinets/results>

Lodging Equipment

Equipment	Requirements		Incentive
Commercial Laundry Washer, Common areas	Clothes washers must be front-loading machines and ENERGY STAR® rated* . Water heating fuel must be provided by a participating utility. Leased equipment must be new. A signed lease agreement and documentation that identifies washer quantity, model number(s), and retail cost of clothes washer are required.	Dryer Type	Participating Utility
		Electric	Gas or Electric
		Gas	Gas or Electric
		Electric/ Gas	Electric Only
Two-stage Gas Valve on Clothes Dryers	Valves must be installed on commercial gas-fired dryers. Dryers must have 200 or fewer pounds of dry clothes capacity or 65 or fewer cubic feet of dryer drum volume. Valves can be installed on new or existing gas-fired dryers. Sites with on-premises laundry are qualify. Coin-operated laundromats do not qualify.	Electric/ Gas	Gas only

* ENERGY STAR certified Commercial Clothes Washers product list: <https://www.energystar.gov/productfinder/product/certified-commercial-clothes-washers/results>

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR

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

TRC is a Program Management Contractor for Energy Trust of Oregon

Lodging Equipment *continued*

Equipment	Requirements			Incentive																										
Ozone Laundry Systems	Each ozone laundry system must be new and installed on either new or existing programmable commercial washing machine(s). Each ozone generator may serve one or more washers. All existing/new washers at a facility must be reprogrammed and connected to work with the new ozone laundry system. Partial conversions do not qualify. Water heating for clothes washing must be provided by boilers, or gas or electric water heaters. Water heating fuel must be provided by a participating utility. The ozone laundry system(s) must transfer ozone into the water with either the venturi injection or bubble diffusion process.	Total laundry capacity is less than 75 lbs:		\$5,000 per system																										
		Total laundry capacity is between 75 and 125 lbs:		\$7,500 per system																										
		Total laundry capacity is between 126 and 400 lbs:		\$15,000 per system																										
		Total laundry capacity is between 401 and 600 lbs:		\$25,000 per system																										
		Total laundry capacity is greater than 600 lbs:		\$30,000 per system																										
Commercial Pool Cover	Pool must be heated. Pool must not have had a pre-existing cover within 6 months of pool cover installation. Covers installed at residential pools do not qualify. Qualifying sites include commercial pools within lodging, fitness centers and municipal centers. Cover must be specifically designed for swimming pools, cover entire pool surface area and utilize a storage reel. Liquid evaporation suppressants, solar disks and mesh covers do not qualify. Pool heating fuel must be provided by participating utility.			\$6 per sq ft of pool surface area																										
Commercial Swimming Pool Heater	Must be a replacement, gas-fired pool heater. Heater must not have a continuously burning pilot light. Must have at most 400 kBtu/h capacity per heater, not to exceed a total (or maximum) of 1,000 kBtu/h for all heaters combined. Must have at least 94% thermal efficiency for condensing heaters, or at least 84% efficiency for non-condensing heaters. Site must receive gas from a participating utility. Covered and not covered pools both qualify. Qualifying pool covers include solid track, bubble type, or foam type with storage reels. Pool must meet minimum area requirements as listed below.		Non-condensing Heater, Covered	\$0.90 per sq ft of area served by heater																										
			Non-condensing Heater, Not covered	\$1 per sq ft of area served by heater																										
			Condensing Heater, Covered	\$3 per sq ft of area served by heater																										
			Condensing Heater, Not covered	\$5 per sq ft of area served by heater																										
	The pool must meet the following minimum area requirements:																													
	<table><tr><th>Heater Type</th><th>Covered Pool?</th><th>Indoor or Outdoor Pool</th><th>Minimum Required Pool Sq. Ft.</th></tr><tr><td rowspan="2">Condensing</td><td rowspan="2">No</td><td>Indoor</td><td>1,275</td></tr><tr><td>Outdoor</td><td>700</td></tr><tr><td rowspan="2">Condensing</td><td rowspan="2">Yes</td><td>Indoor</td><td>2,150</td></tr><tr><td>Outdoor</td><td>1,050</td></tr><tr><td>Non-condensing</td><td>No</td><td>Either</td><td>500</td></tr><tr><td rowspan="2">Non-condensing</td><td rowspan="2">Yes</td><td>Indoor</td><td>850</td></tr><tr><td>Outdoor</td><td>500</td></tr></table>				Heater Type	Covered Pool?	Indoor or Outdoor Pool	Minimum Required Pool Sq. Ft.	Condensing	No	Indoor	1,275	Outdoor	700	Condensing	Yes	Indoor	2,150	Outdoor	1,050	Non-condensing	No	Either	500	Non-condensing	Yes	Indoor	850	Outdoor	500
	Heater Type	Covered Pool?	Indoor or Outdoor Pool	Minimum Required Pool Sq. Ft.																										
Condensing	No	Indoor	1,275																											
		Outdoor	700																											
Condensing	Yes	Indoor	2,150																											
		Outdoor	1,050																											
Non-condensing	No	Either	500																											
Non-condensing	Yes	Indoor	850																											
		Outdoor	500																											

Existing Buildings

111 SW Columbia St., Suite 945 ♦ Portland, OR 97201
 1.877.510.2130 phone ♦ 503.243.1154 fax
existingbuildings@energytrust.org

Incentives – Existing Buildings

Existing Buildings | Information Sheet | PI 120EB-OR



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

TRC is a Program Management Contractor for Energy Trust of Oregon

Service Shop and Warehouse Equipment

Equipment	Requirements	Incentive
Inverter-Driven Welder	Replacing existing functioning transformer driven welders. Run time of at least 2,000 hours/year (including standby time). Maximum of 25 welders replaced or purchased per site (if 26 welders or more in a single project, please contact Energy Trust). Rated to at least 210 Amps and at least 40% duty cycle. Welders for residential/hobbyist use do not qualify.	\$2,400 each
Forklift Battery Charger	High-frequency charger must have a conversion efficiency of at least 89%. Maximum of 50 chargers replaced per site. Charger(s) must be 24V to 48V designed for a pallet jack or forklift battery. Each charger replaces at least one existing SCR or ferroresonant charger.	\$2,000 each

Solar – Must be installed by an Energy Trust Solar Trade Ally

Equipment	Requirements
Solar Electric	Visit www.energytrust.org/solar 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 Buildings Program at 1.877.510.2130, email existingbuildings@energytrust.org or visit our website at www.energytrust.org/incentives/commercial-existing-buildings-custom/ .
