



**MAKE IT YOUR
BUSINESS TO SAVE.
BRING US IN.**

EXISTING BUILDINGS STANDARD INCENTIVES
FOR OREGON BUSINESS CUSTOMERS

EFFECTIVE JANUARY 2020



Standard Incentives

To stay competitive, businesses of all sizes need to look for ways to stretch every dollar. Choosing equipment that improves the energy efficiency of your facility can lower operations and maintenance costs. You'll save money while enhancing employee and customer comfort.

Energy Trust of Oregon provides businesses with cash incentives to reduce upfront costs and make energy-saving upgrades more affordable. Savings from equipment upgrades often pay for the improvements in just a few years, so you may achieve a faster return on investment.

Are You Eligible?

Existing Buildings cash incentives are available for qualifying energy-efficient equipment upgrades and retrofits to commercial, municipal, educational and institutional customers served by Energy Trust. To qualify, you must typically:

- Be improving an existing structure in Oregon.
- Pay the public purpose charge; check your bill or contact Energy Trust if you have questions.
- For electric-saving incentives, project site must be served on a qualifying rate schedule by Portland General Electric or Pacific Power.
- For gas-saving incentives, project site must be served on a qualifying rate schedule by NW Natural, Cascade Natural Gas or Avista.

Additional eligibility requirements may apply, depending on your project. Incentives are subject to funding availability and may change.

Your Steps to Savings

1. **Find a contractor.** Check our list of licensed and insured trade ally contractors or use your own. Some equipment upgrades may not require assistance from a contractor.
2. Before you purchase equipment, visit these sites to confirm which models will qualify for incentives.

Visit ENERGY STAR®: www.energystar.gov for foodservice equipment and laundry washers

Visit CEE: www.cee1.org for variable refrigerant flow

Visit AHRI: www.ahrinet.org for boilers and packaged terminal heat pumps

Visit DESIGNLIGHTS CONSORTIUM: www.designlights.org for LED display case lighting

You can also contact Energy Trust to discuss your rate schedule, necessary pre-approval and purchase orders.

3. **Install.** Purchase and install the qualifying equipment.
4. **Download forms.** Visit www.energytrust.org/BringUsIn, click the Forms link.
5. **Submit application, W-9 and spec sheet within 90 days of installation.** Your trade ally contractor or supplier can help.
6. **Get your incentive.** And keep on saving through reduced energy costs.

With You All the Way

Energy Trust is here for you, from start to finish, to see your upgrade through. We can help you select an energy-efficient solution for your business by connecting you with Energy Trust trade allies (suppliers or contractors) who are familiar with the latest energy-efficiency standards, equipment and cash incentives. Your trade ally can even help you with your incentive application.

Bring Us In

Learn more about Energy Trust incentives and how they can benefit your business.

Call **1.866.605.1676**,
email existingbuildings@energytrust.org or
visit www.energytrust.org/BringUsIn.

LODGING AND FOODSERVICE EQUIPMENT

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE									
Ductless Heat Pump (DHP)	Minimum efficiency of 16 SEER and 9 HSPF No baseboard heating in spaces directly served by DHP Single compressor systems with up to two heads per dwelling unit Eligible only for lodging	\$200/ton of cooling capacity									
Packaged Terminal Heat Pump	Replaces electric resistance heat AHRI certified Eligible only for lodging	\$200 each									
Spa Cover	Minimum R-value of 12 and continuous insulation (no hinge) or insulated hinges Minimum 2" insulation material at all points, including hinges Eligible only for outdoor spas in lodging Site receives electric water heating for spa from a participating utility	\$100 each									
Commercial Pool Pump	Self-priming > 0 to ≤ 4 hp variable speed Eligible for indoor and outdoor pools Only for replacement Weighted Energy Factor (WEF) rating for pumps ≤ 2.5 hp:	\$230 each									
	<table border="1"> <thead> <tr> <th data-bbox="548 947 916 993">Total HP</th> <th data-bbox="916 947 1281 993">Minimum WEF</th> </tr> </thead> <tbody> <tr> <td data-bbox="548 993 916 1039">> 0 to ≤ 1 hp</td> <td data-bbox="916 993 1281 1039">≥ 8.33 hp</td> </tr> <tr> <td data-bbox="548 1039 916 1085">> 1 to ≤ 2 hp</td> <td data-bbox="916 1039 1281 1085">≥ 6.81 hp</td> </tr> <tr> <td data-bbox="548 1085 916 1131">> 2 to ≤ 2.5 hp</td> <td data-bbox="916 1085 1281 1131">≥ 5.85 hp</td> </tr> </tbody> </table>		Total HP	Minimum WEF	> 0 to ≤ 1 hp	≥ 8.33 hp	> 1 to ≤ 2 hp	≥ 6.81 hp	> 2 to ≤ 2.5 hp	≥ 5.85 hp	
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	> 1 to ≤ 2 hp		≥ 6.81 hp								
	> 2 to ≤ 2.5 hp		≥ 5.85 hp								
For pumps without WEF rating, pump motor cannot exceed 50% of its maximum rated speed; any high-speed override shall be for a temporary period—not to exceed a 24-hour cycle without resetting to default Site receives electricity from a participating utility											
Commercial Condensing Pool Heater	Replacement of a gas-fired pool heater with capacity ≥ 350 kBtu/h Minimum 96% thermal efficiency Covered pools and spas are not eligible; cannot be combined with Spa Covers or any other pool cover incentives Site receives gas from a participating utility										
	Indoor pool surface area must be a minimum of 1,350 sq ft	\$2.35/sq ft of pool surface area served by heater									
	Outdoor pool surface area must be a minimum of 900 sq ft	\$3.50/sq ft of pool surface area served by heater									
Showerhead/Showerwand	1.5 GPM or 1.75 GPM Minimum 10 purchased per site Products purchased at retail stores currently participating in Energy Trust's retail buydown are not eligible Site receives water heating from a participating utility	\$7 each									

LODGING AND FOODSERVICE EQUIPMENT *continued*

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Bathroom Faucet Aerator	<p>≤ 0.5 GPM</p> <p>Minimum 15 purchased per site</p> <p>Site receives water heating from a participating utility</p>	\$2 each
Kitchen Faucet Aerator	<p>≤ 1.5 GPM</p> <p>Minimum 15 purchased per site</p> <p>Site receives water heating from a participating utility</p>	\$5 each
Commercial Laundry Washer	<p>ENERGY STAR</p> <p>Front-load washer</p> <p>MEF ≥ 2.2</p> <p>Site receives water heating from a participating utility</p>	
	Site receives electricity from a participating utility	\$200 each
	Site receives electricity from a non-participating utility	\$65 each
Gas-fired Automatic Conveyor Broiler	<p>Automatic conveyor with catalyst</p> <p>Input rate < 80 kBtu/h or dual stage or modulating gas valve with a capability of throttling the input rate below 80 kBtu/h</p> <p>Installed under a Type I Vent Hood (used for appliances that produce grease and smoke)</p>	
	Total conveyor belt width < 22"	\$2,015 each
	Total conveyor belt width ≥ 22" to ≤ 28"	\$2,515 each
	Total conveyor belt width > 28"	\$2,925 each
Electric Griddle	ENERGY STAR	\$400 each
Gas Combination Oven	ENERGY STAR	\$750 each
Electric Combination Oven	ENERGY STAR	\$1,000 each
Gas Convection Oven	<p>ENERGY STAR</p> <p>Full size which accommodates full sheet, minimum 18" x 26" x 1"</p>	\$315 each
Electric Convection Oven	<p>ENERGY STAR</p> <p>Full size which accommodates full sheet, minimum 18" x 26" x 1"</p>	\$315 each
Gas Single Rack Oven	<p>ENERGY STAR</p> <p>Removable single rack which accommodates full sheet, minimum 18" x 26" x 1"</p>	\$2,500 each
Gas Double Rack Oven	<p>ENERGY STAR</p> <p>One removable double rack or two removable single racks to accommodate two full sheets per level, each pan a minimum of 18" x 26" x 1"</p>	\$5,000 each
Gas Fryer	<p>ENERGY STAR</p> <p>Minimum 12" wide vat</p>	\$1,000/vat
Electric Fryer	<p>ENERGY STAR</p> <p>Minimum 12" wide vat</p>	\$225/vat
Electric Hot Food Cabinet	ENERGY STAR	\$350 each
Gas Steam Cooker	ENERGY STAR	\$1,850 each
Electric Steam Cooker	ENERGY STAR	\$2,500 each

LODGING AND FOODSERVICE EQUIPMENT *continued*

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE				
Commercial Vent Hood with Demand Controlled Ventilation (DCV)	<p>Motor speeds must be controlled by a programmable controller, with scheduling, occupancy sensing and heat sensing capabilities</p> <p>Variable speed control must be installed on both the make-up air unit motor and the hood exhaust motor</p> <p>Make-up air must be tempered</p> <p>Retrofit hp must not exceed total existing hp of make-up air unit and exhaust fan motor</p> <p>Minimum total controlled hp is based on the following building heating fuel type and utility participation:</p>	\$750/controlled motor hp				
	<table border="1"> <thead> <tr> <th data-bbox="548 598 730 680">Heating Fuel Type</th> <th data-bbox="730 598 913 680">Electric Utility Participating</th> <th data-bbox="913 598 1095 680">Gas Utility Participating</th> <th data-bbox="1095 598 1281 680">Total Controlled HP</th> </tr> </thead> </table>		Heating Fuel Type	Electric Utility Participating	Gas Utility Participating	Total Controlled HP
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	Electric		Yes	N/A	≥ 1 hp	
	<table border="1"> <tbody> <tr> <td data-bbox="548 743 730 806">Gas</td> <td data-bbox="730 743 913 806">Yes</td> <td data-bbox="913 743 1095 806">Yes</td> <td data-bbox="1095 743 1281 806">≥ 3 hp</td> </tr> </tbody> </table>		Gas	Yes	Yes	≥ 3 hp
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<table border="1"> <tbody> <tr> <td data-bbox="548 869 730 945">Gas or Other</td> <td data-bbox="730 869 913 945">Yes</td> <td data-bbox="913 869 1095 945">No</td> <td data-bbox="1095 869 1281 945">≥ 3 hp</td> </tr> </tbody> </table>	Gas or Other	Yes	No	≥ 3 hp		
Gas or Other	Yes	No	≥ 3 hp			
<p>ENERGY STAR</p> <p>Site receives water heating from a participating utility</p>						
Dishwashers	<p>Under Counter</p>					
	<p>Low temp - gas or electric water heating</p>	<p>\$195 each</p>				
	<p>High temp - electric water heating</p>	<p>\$600 each</p>				
	<p>Single Tank, Door/Upright</p>					
	<p>Low temp - gas or electric water heating</p>	<p>\$550 each</p>				
	<p>High temp - gas or electric water heating</p>	<p>\$825 each</p>				
	<p>Single Tank, Conveyor</p>					
	<p>Low temp - gas or electric water heating</p>	<p>\$900 each</p>				
	<p>High temp - gas or electric water heating</p>	<p>\$900 each</p>				
	<p>Multi-Tank, Conveyor</p>					
	<p>Low temp - gas or electric water heating</p>	<p>\$800 each</p>				
	<p>High temp - gas or electric water heating</p>	<p>\$800 each</p>				
	<p>Pot, Pan and Utensil</p>					
	<p>High temp - gas or electric water heating</p>	<p>\$350 each</p>				

GROCERY

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE		
Refrigeration				
Anti-Sweat Heater (ASH) Controls	<p>Technology that reduces energy consumption of ASH based on sensing humidity, dew point or condensation, with expected reduction of 50% or greater for the glass door (if applicable) and door frame</p> <p>ASH controls must not be present prior to installation</p> <p>Does not have an existing refrigeration EMS</p> <p>Does not apply to doors without ASH</p> <p>Site receives electricity from a participating utility</p>			
	Low temperature case	\$50/linear ft of door		
	Medium temperature case	\$40/linear ft of door		
Evaporator Fan Motors	<p>Retrofit case from a shaded pole or permanent split capacitor to an electronically commutated motor (ECM) or a permanent magnet synchronous motor (PMSM)</p> <p>Site receives electricity from a participating utility</p>			
	Walk-in case	\$120/motor replaced		
	Reach-in case	\$80/motor replaced		
Refrigerated Doors	<p>Doors must be added to existing open refrigerated cases</p> <p>Incentive is based on the following building heating fuel type and utility participation:</p>			
	Heating Fuel Type	Electric Utility Participating	Gas Utility Participating	
	Electric	Yes	N/A	\$200/linear ft of door
	Gas	Yes	Yes	\$200/linear ft of door
	Gas	No	Yes	\$100/linear ft of door
	Gas or Other	Yes	No	\$200/linear ft of door

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE		
Refrigeration <i>continued</i>				
New Cooler Cases with Doors	New remote medium temperature display cases with doors when additional cases are added or existing cases are replaced Self-contained condensing unit display cases and refurbished cases are not eligible Eligible only for convenience, grocery stores and big box retail with grocery section Incentive is based on the following building heating fuel type and utility participation:			
	Heating Fuel Type	Electric Utility Participating	Gas Utility Participating	
	Electric	Yes	N/A	\$70/linear ft of door
	Gas	Yes	Yes	\$70/linear ft of door
	Gas	No	Yes	\$35/linear ft of door
Gas or Other ¹	Yes	No	\$70/linear ft of door	
Strip Curtains	Installed where no infiltration barriers exist Self-installation of strip curtains is not permitted			
	Walk-in cooler for grocery stores and warehouses	\$6/sq ft of area		
	Walk-in freezer for grocery stores and restaurants	\$6/sq ft of area		
Variable Frequency Drive (VFD), Air or Evaporatively Cooled Condenser	Adding single VFD to control a multi-fan condensing unit	\$300/fan motor hp		
Floating Head Pressure Controls (FHPC), Compressor Rack, Air or Evaporatively Cooled Condenser	Adding FHPC to a compressor rack control system	\$45/compressor hp		
Floating Suction Pressure Controls (FSPC), Compressor Rack, Air or Evaporatively Cooled Condenser	Adding FSPC to a compressor rack control system	\$20/compressor hp		
FHPC and FSPC Concurrently, Compressor Rack, Air or Evaporatively Cooled Condenser	Adding FHPC and FSPC, concurrently, to a compressor rack control system	\$80/compressor hp		
Packaging				
On-Demand Overwrapper	Use either a mechanical or optical control system to detect product	\$275 each		
LED Display Case Lighting				
Motion Sensor Low Power LED ²	On LED cases, side bar (single); reach-in or open display cases	\$2/linear ft of fixture		
Motion Sensor High Power LED ²	On LED cases, mullion (double); reach-in or open display cases	\$3/linear ft of fixture		
Single Row T8 Low Power LED ³ Medium Temp Case	Replace T8 with LED side bar (single); inside reach-in or open display cases	\$10/linear ft of fixture		

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
LED Display Case Lighting <i>continued</i>		
Single Row T12 Low Power LED ³ Medium Temp Case	Replace T12 with LED side bar (single); inside reach-in or open display cases	\$10/linear ft of fixture
Double Row T8 High Power LED ³ Medium Temp Case	Replace T8 with LED mullion (double); inside reach-in or open display cases	\$20/linear ft of fixture
Double Row T12 High Power LED ³ Medium Temp Case	Replace T12 with LED mullion (double); inside reach-in or open display cases	\$20/linear ft of fixture
Single Row T12 Low Power LED ³ Medium Temp or Low Temp Case	Replace T12 with LED side bar (single); on the canopy or lip of open display cases	\$10/linear ft of fixture
Double Row T8 High Power LED ³ Medium Temp or Low Temp Case	Replace T8 with LED mullion (double); on the canopy or lip of open display cases	\$20/linear ft of fixture
Double Row T12 High Power LED ³ Medium Temp or Low Temp Case	Replace T12 with LED mullion (double); on the canopy or lip of open display cases	\$20/linear ft of fixture
Single Row T8 Low Power LED ³ Low Temp Case	Replace T8 with LED side bar (single); inside reach-in or open display cases	\$10/linear ft of fixture
Single Row T12 Low Power LED ³ Low Temp Case	Replace T12 with LED side bar (single); inside reach-in or open display cases	\$10/linear ft of fixture
Double Row T8 High Power LED ³ Low Temp Case	Replace T8 with LED mullion (double); inside reach-in or open display cases	\$20/linear ft of fixture
Double Row T12 High Power LED ³ Low Temp Case	Replace T12 with LED mullion (double); inside reach-in or open display cases	\$20/linear ft of fixture

¹Eligible only for stores $\geq 75,000$ sq ft.

²Motion Sensors—LED Case Lighting Requirements:

- Incentives paid are based on linear feet of LED fixture controlled by the motion sensor.
- Install a motion sensor controlling permanently installed LED lighting in refrigerated reach-in case(s).
- Incentive and energy savings values vary based on the controlled LED luminaire power (low or high):
 - Low power luminaire is defined as one that uses $\leq 4.5W/ft$ of fixture (single).
 - High power luminaire is defined as one using $> 4.5W$ to $< 8.5W/ft$ of fixture (double).

³LED Case Lighting Requirements:

- Incentives paid are based on linear feet of installed LED fixture.
- Only LED fixtures on the Design Lights Consortium product list for case lighting, under indoor luminaires, are eligible.

COMPUTER EQUIPMENT

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Server/Telecom Room Mini-Split Air Conditioner	Cooling efficiency 18 SEER or greater Cooling capacity no greater than 4 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	\$200/ton of cooling capacity

HVAC AND WATER HEATING

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Infrared Radiant Heater	Natural gas-fired, low intensity, non-condensing and positive pressure Indoor use only, ≤ 20,000 sq ft Site receives gas from a participating utility	
	Non-Modulating	\$5.50/kBtu/h input
	Modulating	\$7/kBtu/h input
New Rooftop Unit (RTU) with Economizer	RTU with Direct Expansion (DX) cooling Cooling capacities less than 54 kBtu/h Economizer factory-installed by RTU manufacturer Space heated by electric heat pump or gas furnace Site receives electricity from a participating utility	\$30/ton
New RTU with DCV	RTU with DX cooling Serve spaces not required by code to have DCV ¹ Economizer factory-installed by RTU manufacturer, DCV included ² Space heated by electric heat pump or gas furnace Site receives heating from a participating utility Site receives electricity from a participating utility	\$29/ton
New RTU with Variable Speed Supply Fan	RTU with DX cooling Cooling capacities less than 110 kBtu/h Supply fan motors less than 10 hp Variable speed supply fan and economizer factory-installed by RTU manufacturer with DCV included ³ Space heated by electric heat pump or gas furnace Site receives electricity from a participating utility	\$100/ton
Air-Cooled Variable Refrigerant Flow (VRF) Multi-Split Heat Pump Ducted or Non-Ducted, for Office or School	Limited to projects ≥ 25,000 sq ft of area served by VRF Limited to buildings where the primary use is for office or school classrooms Install dedicated outdoor air system (DOAS) with energy recovery meeting a 50% enthalpy recovery efficiency minimum DOAS air supplied at a neutral space temperature Each condenser unit has a rated cooling capacity greater than 5 tons with variable speed compressor operation and serves multiple ducted or ductless indoor evaporator units Meet or exceed 2016 CEE Tier 1 air-cooled VRF efficiency levels ⁴ Majority of indoor fans are set to cycle rather than running continuously during occupied hours	\$1/sq ft of area served by VRF

HVAC and Water Heating

HVAC AND WATER HEATING *continued*

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Steam Trap	Eligible only for trap repair or replacement for failed-open status Pre-testing report to verify trap status (report must be submitted with application) Installed in a commercial building utilizing natural gas fired steam boiler fueled by a participating gas utility	
	Low pressure: ≤ 15 psig	\$0.90/lb/hr of trap capacity
	Medium pressure: > 15 psig and ≤ 100 psig	\$0.50/lb/hr of trap capacity
	Dry cleaners: pre-testing is not required	\$0.40/lb/hr of trap capacity
Commercial Tank Water Heater	Gas-condensing Tank volume ≥ 10 gallons Heating capacity > 75 kBtu/h Minimum 94% thermal efficiency All building types eligible excluding offices $< 5,500$ sq ft and commercial gyms without shower facilities	\$3/kBtu/h input
Commercial Tankless Water Heater < 200 kBtu/h	Gas-condensing units must function as central source for domestic hot water (DHW) heating Minimum 94% thermal efficiency Input of < 200 kBtu/h per water heater Additional hot water storage tanks cannot be added Only for coin-operated laundries; restaurants and cafeterias; gym/fitness and aquatic centers; and K-12 schools	\$300 each
Commercial Tankless Water Heater/Boiler ≥ 200 kBtu/h	Gas-condensing DHW, not used for space heating Integral tank volume < 10 gallons Minimum 92% thermal efficiency Input of ≥ 200 kBtu/h per water heater All building types eligible excluding offices $< 5,500$ sq ft and commercial gyms without shower facilities	\$1/kBtu/h input

HVAC AND WATER HEATING *continued*

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Commercial Condensing HVAC Boiler	Minimum 94% efficiency (either AFUE or thermal efficiency) Redundant, lagging or backup boilers do not qualify Boilers used for DHW or pool heating do not qualify Boilers, also known as “heat adders”, serving the water loops in water-source heat pump systems do not qualify Boiler system design return temperature must be appropriate to condensing functionality Cannot be combined with the Modulating Boiler Burner measure	\$3.25/kBtu/h input
Modulating Boiler Burner	Installed on a natural gas-fired boiler that is used for space heating Boilers used for process heating, DHW or pool heating are not eligible 5-to-1 turndown ratio or higher Replacement of a dual stage burner or an on-off burner Cannot be combined with the Commercial Condensing HVAC Boiler measure	\$5/kBtu/h of burner rated capacity
Hydronic Heating Circulator Pumps	Used in hydronic heating application Limited to in-line circulators with horizontal motors Pump motors must be ECM, not induction Site receives electricity from a participating utility	
	Single Speed ECM	
	< 3/4 hp	\$100 each
	≥ 3/4 hp to < 2 hp	\$200 each
	≥ 2 hp	\$300 each
	Variable Speed ECM	
	< 3/4 hp	\$150 each
	≥ 3/4 hp to < 2 hp	\$400 each
	≥ 2 hp	\$750 each

¹Contact Energy Trust for eligible space types.

²RTU cooling capacities of less than 54 kBtu/h may qualify for both the New RTU with Economizer and New RTU with DCV incentives.

³RTU cooling capacities of less than 54 kBtu/h and which serve spaces not required by code to have DCV, may qualify for all of the following three incentives: New RTU with Economizer, New RTU with DCV and New RTU with Variable Speed Supply Fan.

⁴2016 CEE Tier 1 VRF air-cooled efficiency levels listed on pages 4 – 5 of “Appendix B: 2019 Commercial Unitary Air Conditioning and Heat Pumps Specification”: www.energytrust.org/CEEAppendixB2019

INSULATION

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Building Insulation	Electric-heated building must use electric resistance or heat pump and receive electricity from a participating utility Building receives electricity from a participating utility but heated by a non-participating utility	
	Attic	
	Insulate attic to \geq R-25 efficiency rating No existing insulation, unless damaged or missing Damaged or missing insulation must be prequalified and documented by the installation contractor	\$0.60/sq ft
	Roof	
	Insulate roof to \geq R-15 efficiency rating No existing insulation, unless existing is damaged or missing Damaged or missing insulation must be prequalified and documented by the installation contractor	\$0.50/sq ft
	Insulate roof to \geq R-30 efficiency rating No existing insulation, unless existing is damaged or missing Damaged or missing insulation must be prequalified and documented by the installation contractor	\$1/sq ft
	Insulate roof to \geq R-30 efficiency rating Existing insulation must be \leq R-5	\$1/sq ft
	Wall	
Insulate wall to \geq R-20 efficiency rating No existing insulation	\$0.60/sq ft	

INSULATION *continued*

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
Pipe Insulation	<p>No existing insulation</p> <p>Jacketing that provides 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.</p> <p>Pipe diameter \leq 1.5" will insulate to at least 1.5" thickness</p> <p>Pipe diameter $>$ 1.5" will insulate to at least 2" thickness</p> <p>Piping must be part of a system using natural gas provided by a participating utility</p>	
	Piping serving domestic hot water	\$4/lineal ft
	Piping serving medium pressure steam (15-200 psig)	\$12/lineal ft
	Piping serving heating hot water	\$4/lineal ft
	Piping serving low pressure steam ($<$ 15 psig)	\$8/lineal ft

SERVICE SHOPS AND WAREHOUSES

EQUIPMENT	REQUIREMENTS	UNIT 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 are not eligible	\$1,200 each
Forklift Battery Charger	High-frequency charger with a conversion efficiency of $\geq 89\%$ Maximum of 50 chargers replaced per site (if 51 chargers or more in a single project please contact Energy Trust) Each charger replaces at least one existing SCR or ferroresonant charger	\$1,000 each



Lighting Incentives

Lighting in commercial buildings accounts for more than 15% of electric use, which can have a big effect on your bottom line. Upgrading lighting with new energy-efficient bulbs, fixtures and controls can save energy and improve lighting quality. All lighting projects must be reviewed and pre-qualified by a program representative prior to any purchase to be eligible for Energy Trust incentives.

To learn more, call **1.800.326.2917**, email existingbuildings@energytrust.org or visit www.energytrust.org/BringUsIn.

Custom Incentives

Energy-efficient equipment not featured in this brochure may be eligible for custom incentives. Project eligibility is determined by a mandatory energy analysis. Approval is required before equipment can be purchased and installed.

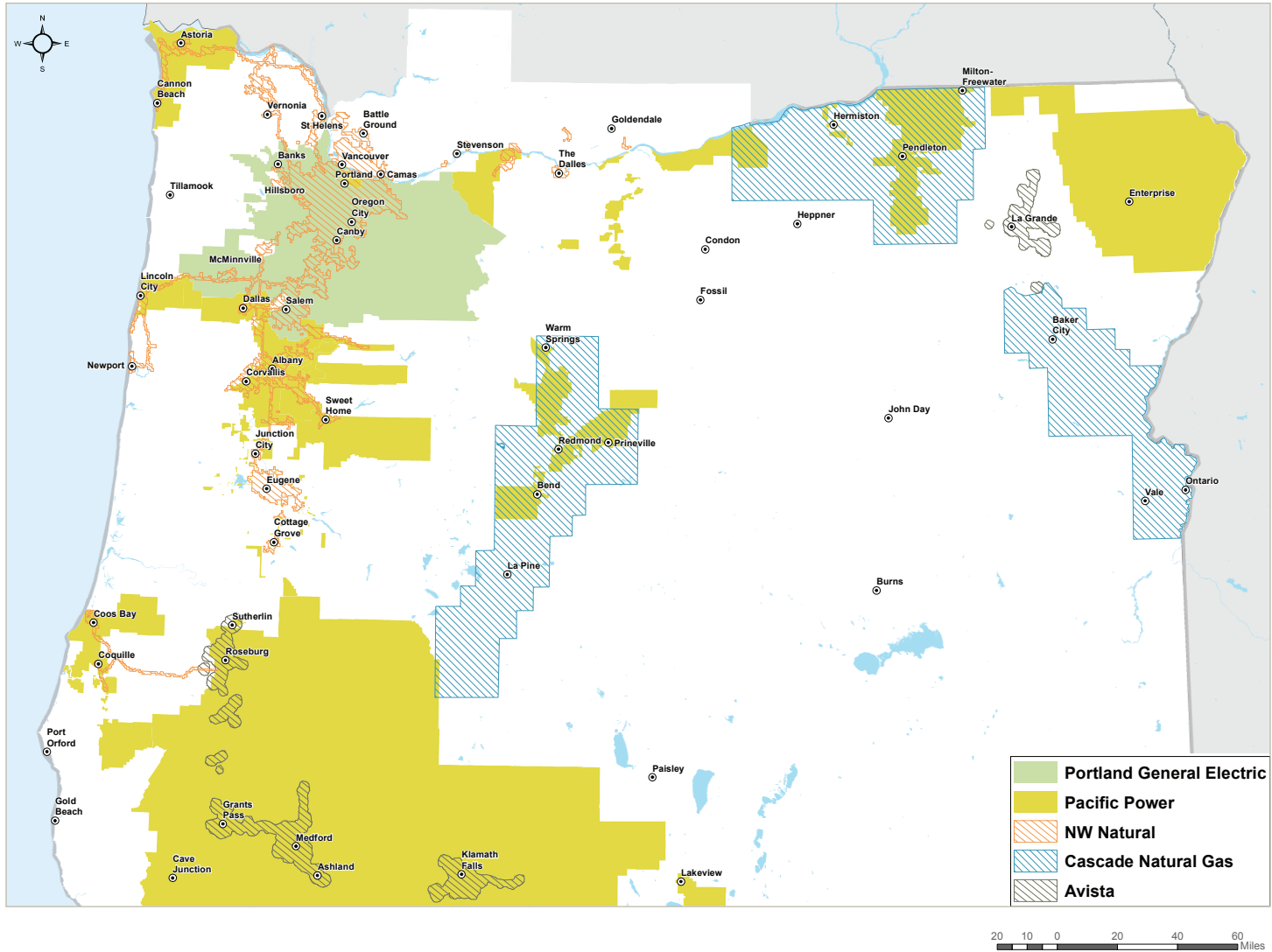
To learn more, call **1.866.605.1676**, email existingbuildings@energytrust.org or visit www.energytrust.org/BringUsIn.

Solar Incentives

Energy Trust offers incentives for solar electric systems that produce electricity for use in your building. Businesses must work with an approved Energy Trust solar trade ally contractor to qualify for incentives. To request a preliminary solar bid, go to www.energytrust.org/solarbid.

To learn more, call **1.855.225.6147**, email info@energytrust.org or visit www.energytrust.org/solar.

SERVICE TERRITORY MAP



Energy Trust serves customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avista in the utility territories identified.



Energy Trust provides technical assistance and financial incentives for energy systems or equipment that meet its program criteria, but does not install energy systems or equipment nor does it guarantee any specific energy savings through its assistance or programs. Installation work is done by independent businesses that are solely responsible for the quality and performance of their installations.



Visit www.energytrust.org/BringUsIn,
email existingbuildings@energytrust.org or call **1.866.605.1676**.

Serving customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avista in Oregon.