

EXISTING BUILDINGS STANDARD INCENTIVES FOR OREGON BUSINESS CUSTOMERS

ADDENDUM—EFFECTIVE AUGUST 1, 2020

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE											
HVAC AND WATER HEATER													
Advanced Rooftop Controls (ARC) Lite Retrofits	<ul style="list-style-type: none"> Business has annual operating hours $\geq 3,500$ Existing system has a nominal cooling capacity of ≥ 5 tons or greater Existing system has a single speed supply fan or motor not equipped with variable frequency drive (VFD) Installed equipment controls listed on Bonneville Power Administration (BPA) qualifying product list* Installed equipment has a VFD and controller for variable speed fan operation 												
	<table border="1"> <thead> <tr> <th>Rooftop Unit Heating Fuel</th> <th>Participating utilities</th> </tr> </thead> <tbody> <tr> <td>Electric heat</td> <td rowspan="2">Gas Only</td> </tr> <tr> <td>Gas heat</td> </tr> <tr> <td>Electric heat</td> <td rowspan="2">Electric Only</td> </tr> <tr> <td>Gas heat</td> </tr> <tr> <td>Electric heat</td> <td rowspan="2">Gas and Electric</td> </tr> <tr> <td>Gas heat</td> </tr> </tbody> </table>		Rooftop Unit Heating Fuel	Participating utilities	Electric heat	Gas Only	Gas heat	Electric heat	Electric Only	Gas heat	Electric heat	Gas and Electric	Gas heat
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Electric heat	Gas and Electric												
Gas heat													
	Not eligible												
	\$100 per ton												
Advanced Rooftop Controls (ARC) Full Retrofit	<ul style="list-style-type: none"> Business has annual operating hours ≥ 500 Existing system has a nominal cooling capacity of ≥ 5 tons or greater Existing system has a single speed supply fan or motor not equipped with variable frequency drive (VFD) Existing systems equipped with a CO₂ sensor for demand-controlled ventilation (DCV) are not eligible Installed equipment controls listed on BPA qualifying product list* Installed equipment has controller with digital, integrated economizer with either differential dry-bulb or differential enthalpy with fixed dry-bulb high-limit shutoff Installed equipment has controller with DCV with proportional control based on CO₂ sensor reading 												
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Gas heat													
	Not eligible												
	\$50 per ton												
	\$200 per ton												
Commercial Heat Pump Water Heater (HPWH)	<ul style="list-style-type: none"> Tank size ≥ 40 and ≤ 120 gallons HPWH meets minimum efficiency specifications outlined in the NEEA Advanced Water Heater Specification** Installed according to manufacturer's recommendations Must have a back-up resistance heating element Water heating provided by a participating utility 	Ducted and Non-ducted heat pump	\$500 each										

*BPA qualifying product list: <https://www.bpa.gov/EE/Policy/Manual/Documents/AdvancedRooftopUnitControlQualifiedProductsList.pdf>

**NEEA Advanced Water Heater Specification Version 7.0: <https://neea.org/img/documents/Advanced-Water-Heating-Specification.pdf>; NEEA qualifying product list: <https://neea.org/img/documents/qualified-products-list.pdf>

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
HVAC AND WATER HEATER <i>continued</i>		
Commercial Air-Source Heat Pumps—Retrofit	<ul style="list-style-type: none"> Conditioned space served by heat pump(s) must be of office, retail or restaurant building types and together total < 10,000 sq ft Conditioned space served may be part of a larger building, but the space served must also be enclosed and not open to other conditioned spaces Existing electric resistance equipment must be functional and used as the primary heating source Decommissioning of electric resistance system to be documented and submitted by the installation contractor Baseboard resistance heaters, cadet-style wall heaters, forced air electric furnaces and plug-in oil radiant heaters are acceptable baseline system types Split heat pumps and packaged heat pumps are eligible Heat pump must be AHRI rated with SEER > 20 and HSPF > 11 	\$500 per ton
Commercial Air-Source Heat Pumps—New or Replacement	<ul style="list-style-type: none"> Conditioned space served by heat pump(s) must be of office, retail or restaurant building types and together total < 10,000 sq ft Conditioned space served may be part of a larger building, but the space served must also be enclosed and not open to other conditioned spaces Heat pump replaces a non-functioning primary heating system, replaces a primary heating system that is not electric resistance heating, or is an added system to the building Split heat pumps and packaged heat pumps are eligible Heat pump must be AHRI rated with SEER > 20 and HSPF > 11 	\$150 per ton

EQUIPMENT	REQUIREMENTS	UNIT INCENTIVE
LODGING AND FOOD SERVICE		
Pre-Rinse Spray Valve	<ul style="list-style-type: none"> Must be self-installed or installed by a licensed plumber Minimum spray force of 4 ounces-force; if spray force cannot be determined from spec sheet, refer to Watersense list[†] Installed equipment has rated flow rate \geq 0.61 GPM and \leq 1.00 GPM Water heating provided by a participating utility 	\$30 each

[†]Watersense list: <https://www.epa.gov/watersense/pre-rinse-spray-valves>



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