

# INCENTIVE OVERVIEW

## 2019 CASH INCENTIVES FOR ENERGY-EFFICIENT HOMES BUILT IN OREGON



EPS™, brought to you by Energy Trust of Oregon, is an energy performance scoring tool that measures a newly built home's energy consumption, carbon footprint and utility costs. Homes that have an EPS qualify for cash incentives from Energy Trust depending on the energy efficiency improvements installed during construction. Review the chart below for guidance on specifications that improve a home's energy performance and related incentives.

### INCENTIVE OPTIONS

These examples are for illustration only and show only a small fraction of the options available to trade ally builders for improving a home's EPS and maximizing energy savings. Incentives are available for building homes based on a sliding scale of performance above code, starting at 10 percent improvement. Incentives will vary depending on energy efficiency improvements. See below for examples of specifications that can be used to achieve various efficiency levels. For additional details and participation requirements, please work with your verifier.

	Example Homes at Various Above Code Increments				Your Efficient Home Path
	10% Improvement	20% Improvement	30% Improvement	40% Improvement	
<b>Potential Incentive<sup>1</sup></b>	\$623	\$1,478	\$2,629	\$4,723	
<b>Ceiling</b>	R-49	R-49	R-49	R-60 Advanced	
<b>Wall</b>	R-23	R-23	R-23	R-30	
<b>Floor</b>	R-30	R-30	R-30	R-38	
<b>Window</b>	U-0.25	U-0.25	U-0.25	U-0.20	
<b>Gas Furnace</b>	95% AFUE ECM	95% AFUE ECM	95% AFUE ECM	96% AFUE ECM	
<b>Air Source Heat Pump</b>	10 HSPF 16 SEER	10 HSPF 16 SEER	N/A	N/A	
<b>Ductless Heat Pump</b>	10 HSPF 14 SEER	10 HSPF 14 SEER	12 HSPF 17 SEER	13.5 HSPF 30.5 SEER	
<b>Ducts</b>	Mastic Sealed and Tested	Mastic Sealed and Tested	Mastic Sealed and in a Conditioned Space <sup>2</sup>	Mastic Sealed and in a Conditioned Space <sup>2</sup>	
<b>High-Efficiency Lighting</b>	100%	100%	100%	100%	
<b>Gas Water Heater<sup>6</sup></b>	0.62 EF Storage	0.82 EF Tankless	0.95 EF Tankless	0.95 EF Tankless	
<b>Electric Water Heater<sup>6</sup></b>	0.95 EF	2.4 EF HPWH <sup>3</sup>	2.4 EF HPWH <sup>3</sup>	3.0 EF HPWH <sup>3</sup>	
<b>Air Sealing ACH50</b>	4.0	3.0	3.0	2.0	
<b>Mechanical Ventilation</b>	Whole Home Mechanical Ventilation <sup>4</sup>	Whole Home Mechanical Ventilation <sup>4</sup>	Whole Home Mechanical Ventilation <sup>4</sup>	80% HRV <sup>4</sup>	
<b>Lighting</b>	100% High-Efficacy	50% High-Efficacy, 50% LED	100% LED	100% LED	
<b>Thermostat</b>	Qualified Smart Thermostat on Ducted Heating Systems <sup>5</sup>	Qualified Smart Thermostat on Ducted Heating Systems <sup>5</sup>	Qualified Smart Thermostat on Ducted Heating Systems <sup>5</sup>	Qualified Smart Thermostat on Ducted Heating Systems <sup>5</sup>	

Percent above code in the graph is based on the 2017 Oregon Residential Specialty Code. Example incentives above are calculated by computer modeling of a 2,200 sq. ft. house plan in full Energy Trust service territory. Incentives are determined by improvements in a home's annual energy use over minimum code requirements, as demonstrated by energy modeling. Incentives are subject to funding availability and may change.

For homes with space or water heating systems using fuels other than electricity or natural gas, please contact a EPS trade ally coordinator at [eps@energytrust.org](mailto:eps@energytrust.org).

<sup>1</sup>Homes may qualify for an additional incentive of \$200, if built to be solar ready. For more information, contact a program-approved verifier.

<sup>2</sup>All HVAC equipment and ducting must be located in a conditioned space and properly sealed.

<sup>3</sup>Heat pump water heaters must be currently listed on the NEEA Advanced Water Heater Specification Qualified Product List.

<sup>4</sup>Visit [www.energytrust.org/epsresources](http://www.energytrust.org/epsresources) for full program requirements for mechanical ventilation specifications.

<sup>5</sup>Incentive applies to qualified thermostats operating ducted gas furnaces and ducted air source heat pumps.

<sup>6</sup>Water heater efficiency may be listed in EF or UEF. Check with your verifier for UEF to EF conversions.

# EPS requirements at a glance

To receive an EPS and related Energy Trust cash incentives for a newly built home, the items below are required, if applicable to the project.

For detailed information, see the EPS Field Guide. Download a copy at [www.energytrust.org/epsfieldguide](http://www.energytrust.org/epsfieldguide) or request a printed copy from the trade ally coordinator.

- Compliance with Energy Trust New Homes Air Barrier and Air Sealing Checklist
- Blower Door infiltration testing
- Insulation and framing inspections
- Windows tested and rated by National Fenestration Rating Council
- Duct sealing and testing
- Installation of zonal pressure relief
- Heat pump commissioning
- Non-ducted gas heating equipment requirements for primary space heat
- Installation of carbon monoxide alarms
- Installation and verification of whole-home mechanical ventilation system
- Spot ventilation in full baths
- Qualified heat pump water heaters
- Verification and labeling of solar ready equipment

# Earning your EPS

## STEP 1

Submit your home plans to a program-approved verifier for project modeling and advice on best practices.

## STEP 2

Your verifier will use energy modeling software to estimate the energy savings of the home and determine your incentive amount. By working with your verifier to include additional energy-efficient features, you can improve the home's EPS and earn more incentives.

## STEP 3

Start construction of your home, making sure to complete EPS requirements as they apply to your project. Your verifier will inspect the home after insulation is installed and before drywall is completed, and will perform diagnostic tests to evaluate energy performance.

## STEP 4

Once your home is complete, your verifier will return for a final visit to ensure it meets EPS requirements. The verifier will then update the project model with inspection details and performance results, confirm your incentives and issue the final EPS.



Learn more about Energy Trust and builder incentives by visiting [www.energytrust.org/epsforallies](http://www.energytrust.org/epsforallies) or contacting the trade ally coordinator at **1.877.283.0698** or [eps@energytrust.org](mailto:eps@energytrust.org).