



# Energy Trust of Oregon

## Viva Village Presentation

11.07.2020

# Agenda

- About Energy Trust of Oregon
- Trade Ally Network
- Energy Savings ideas and programs
- Incentives overview

# About Energy Trust of Oregon

Independent  
nonprofit

Serving 1.6 million customers of  
Portland General Electric,  
Pacific Power, NW Natural,  
Cascade Natural Gas and Avista

Providing access  
to affordable  
energy

Generating  
homegrown,  
renewable power

Building a  
stronger Oregon  
and SW  
Washington



# A clean energy power plant

**724** average megawatts saved

**129** aMW generated

**65** million annual therms saved

Enough energy to power **727,000** homes  
and heat **129,000** homes for a year

Avoided **29.3** million tons of carbon dioxide

# Energy Trust is not...

- A bank
- A government agency
- A utility
- The Oregon Department of Energy
- Ecotrust
- A training provider
- A lending institution

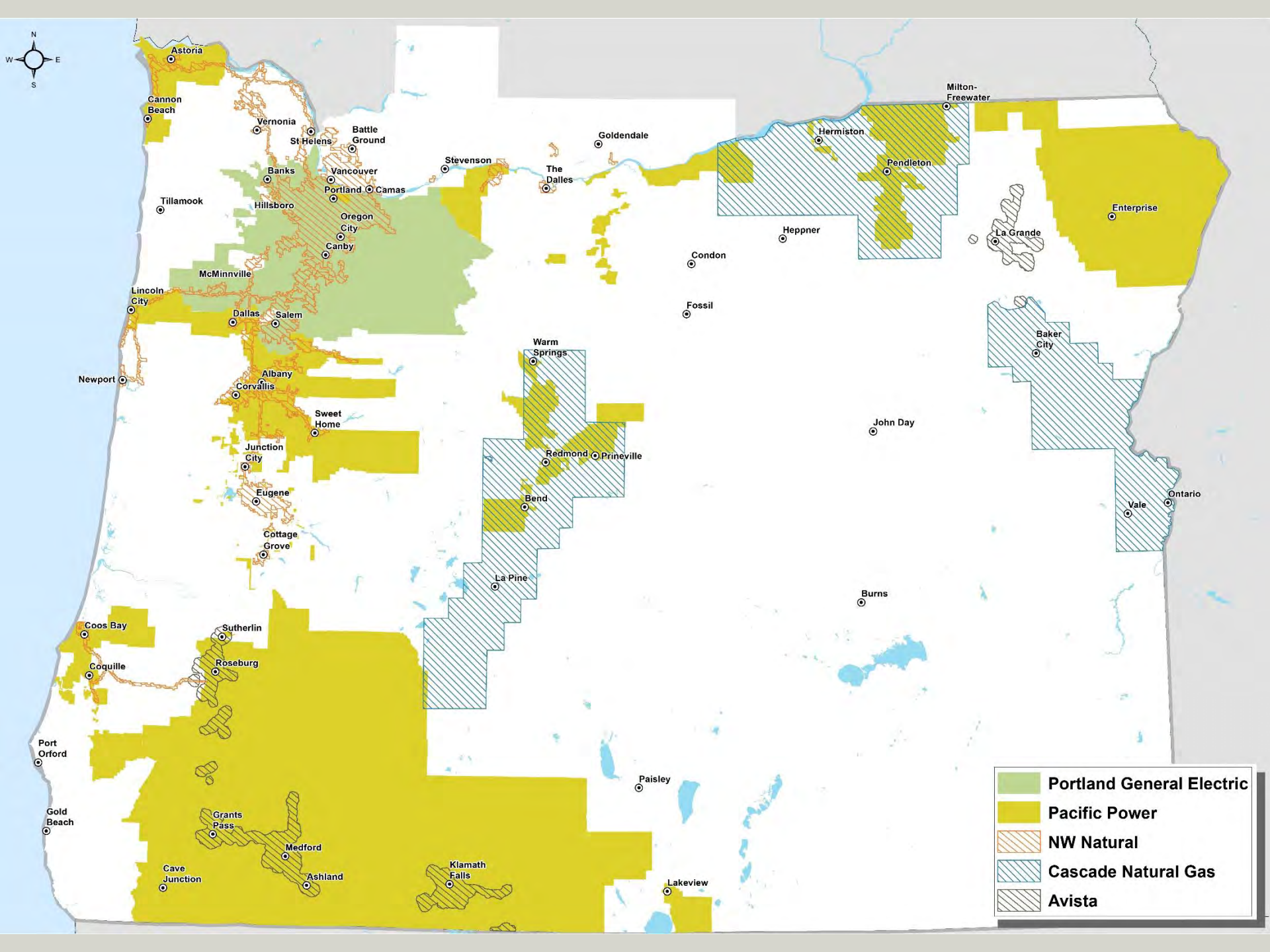


# Energy Trust solutions

- Cash incentives and services
  - Energy efficiency
  - Renewable energy
- Trade Ally Network
- Serving all market segments
  - Residential: existing and new homes
  - Commercial: existing and new buildings, including multifamily
  - Industrial and agricultural
  - Public and nonprofit organizations

# Home Retrofit Trade Ally Network







# Find a Trade Ally Contractor

- Use the Find A Contractor tool
- Search by company, services or zip code
  - [www.energytrust.org/find-a-contractor](http://www.energytrust.org/find-a-contractor)

## Find a Trade Ally Contractor

or other Ally Professional

### I need help with

What service are you looking for?

Zip Code

SEARCH

### Find company

What company are you looking for?

SEARCH



Energy Trust works with trade ally contractors and other allied professionals that are part of our on-the-ground network that connects customers to incentives and services.

# Energy savings ideas and programs

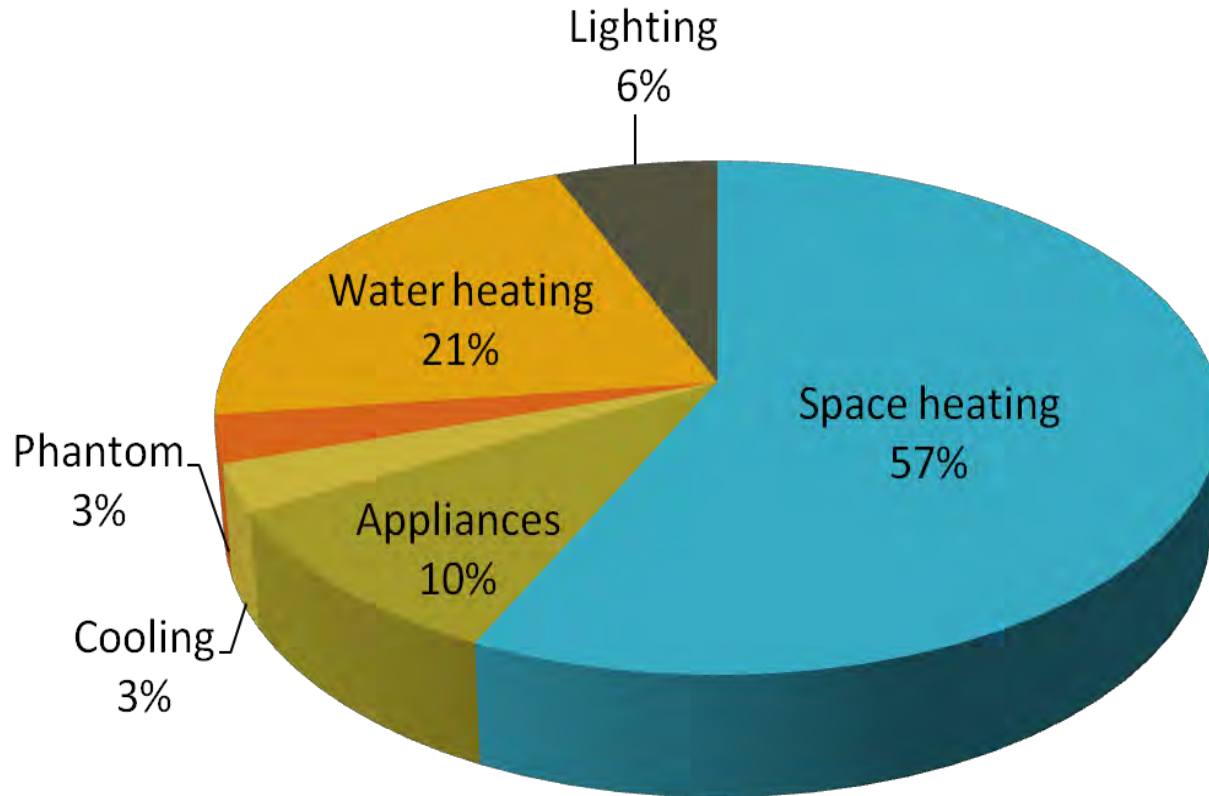
# Want to speak with an Energy Advisor?

- To schedule an appointment with an Energy Trust Home Energy Advisor, give us a call at:

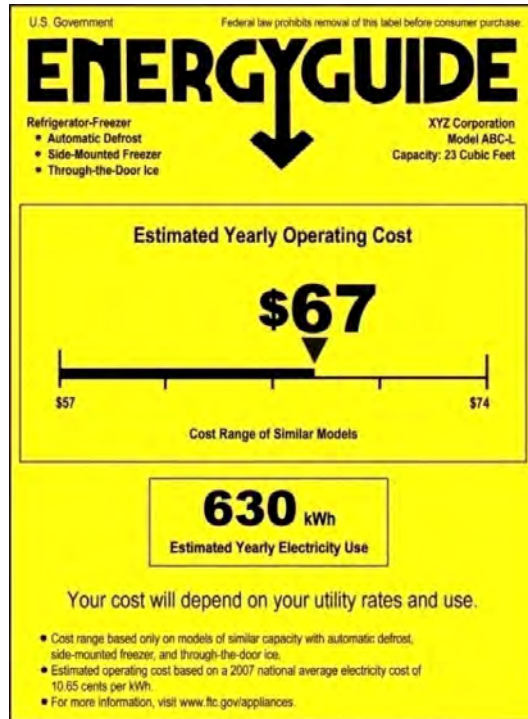
**1.866.311.1822.**



# Average energy use in northwest homes



# Buying energy-efficient appliances



# Request a free Energy Saver Kit

Receive up to 16 LED lights

2 bath faucet aerators

1 kitchen aerator

2 shower heads (1 shower wand)






[1.866.691.1766](https://forms.energytrust.org/esaverkits). call or apply online before Dec. 31<sup>st</sup>  
<https://forms.energytrust.org/esaverkits>



# Replace incandescent lights with LEDs

- Discounted at participating retailers
- LEDs are up to 85 percent more efficient
- last at least 15 times longer than traditional bulbs
- Save about \$80 over the life of each bulb you install.

	LEAST EFFICIENT		MOST EFFICIENT
	Standard Incandescents	New Halogen Incandescents	LEDs
			
450 lumens	40 W* \$5.09/yr**	29 W \$3.69/yr	5 W \$0.64/yr
800 lumens	60 W \$7.64/yr	43 W \$5.48/yr	10 W \$1.27/yr
1100 lumens	75 W \$9.55/yr	53 W \$6.75/yr	12 W \$1.91/yr
1600 lumens	100 W \$12.74/yr	72 W \$9.17/yr	17 W \$2.42/yr (limited availability)

\*Energy use

\*\*Average Oregon energy cost per year, based on three hours of use per day

# High performance showerheads & aerators

- Discounted at participating retailers
- Use up to 20 percent less water than standard fixtures.
- Maintain great water pressure while helping you save on water heating costs.
- Can save the average home 2,300 gallons of water per year.



# Low-cost Heating Tips

- Install programmable thermostats
  - At or below 68° during day
  - 58°– 60° at night
  - If you have a heat pump, turn it down no more than 3° at night
- 
- Smart Thermostat - \$100
- For a Nest or Ecobee Pro installed on a gas furnace





# Incentives overview

## Standard & Savings Within Reach

# Savings Within Reach Incentives

## Which customers qualify?

- Customer of participating Energy Trust utility
- Total household income cannot exceed the maximum income for the household size, as shown here
- Income as defined by the IRS income tax return

Moderate Income Chart		
Household size	Minimum	Maximum
1 person	\$25,520	\$51,966
2	\$34,480	\$67,955
3	\$43,440	\$83,945
4	\$52,400	\$99,934
5	\$61,360	\$115,992
6	\$70,320	\$131,912
7	\$79,280	\$134,910
8 or more	\$88,240	\$137,909

If household income is below guidelines, customer may be eligible for free weatherization assistance services.

# Energy-efficient windows

- ENERGY STAR qualified high-efficiency windows
- What makes a window energy efficient?
  - Quality frame materials
  - Low-e glass
  - Multiple panes
  - Gas fills
  - Warm edge spacers

Window incentives	Standard
0.30 - 0.28 U value	\$1.75 per sq. ft
0.27 - 0.25 U value	\$4.00 per sq. ft
0.24 or less U value	\$6.00 per sq. ft







## Efficient Water Heaters

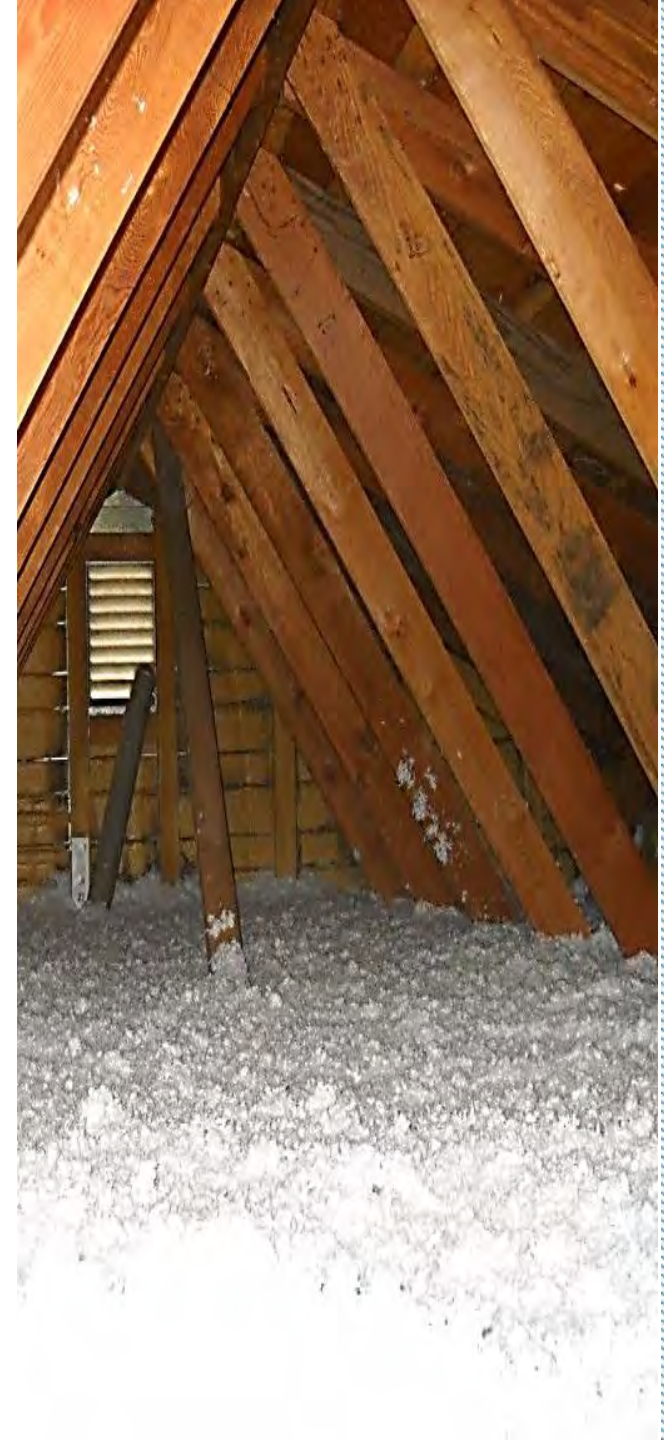
Energy Trust discounts cost of water heater at participating retailers and distributors.

- Heat pump water heaters
- Gas tank water heaters .67 UEF Energy Star rated

# Attic insulation

- Must be R-11 or less to qualify, and insulate to R38 +

	Incentive
Standard w/ bonus through March 31, 2021	<del>\$0.25</del> \$1.25 per sq. ft
Savings Within Reach	\$0.50 per sq. ft.



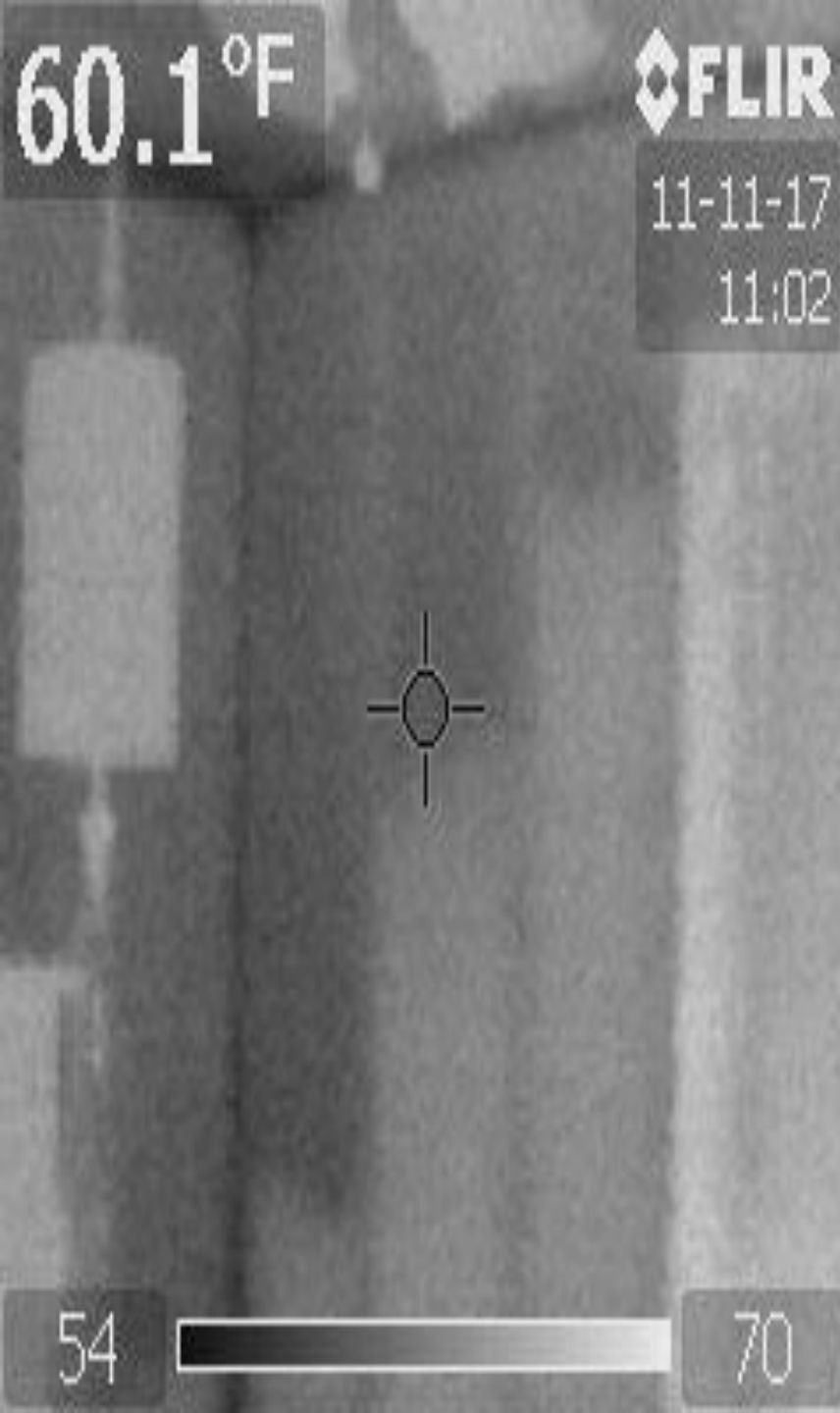


# Under floor insulation

- Must be R-0 to qualify, and fill cavity

	Standard	Savings Within Reach
Floor Insulation	\$0.30 per sq. ft	\$0.40 per sq. ft





## Wall insulation

- Must be R-4 or less to qualify, and fill cavity

	Standard	Savings within reach
Wall insulation	\$0.30 per sq. ft	\$0.50 per sq. ft





# Gas Furnace Savings Within reach & Rentals

- Access to gas furnace instant incentive for Savings Within Reach qualified customers and rental properties in Oregon
- Gas furnaces with AFUE 90% or greater

	Savings Within Reach or Rental
Gas furnace w/ bonus through March 31, 2021	<del>\$550</del> \$1,000

# Heat pumps & Ductless heat pumps

- Must displace electric resistance heat to qualify.
- Energy savings up to 30% - 60% over electric resistance heat.
- Efficient cooling

	Standard	Savings within reach
Ducted HP	\$700	\$1,000
Ductless HP	\$500	\$1,000

# Most up to date information

- Located on our website, please visit [www.energytrust.org/residential](http://www.energytrust.org/residential)







# Thank you

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