



3rd Party Energy Certification
1639 NW Scott Henry Place, Bend OR

Certified in 2015 Earth Advantage
Platinum Energy Trust Energy
Performance Score EPS 50 Estimated
Yearly Energy Cost: \$507 for Family of 4

Certified Sustainable Home Professional
Builder Jim Guild Construction LLC

Green Energy Efficient

EPS Score: 50

Blower Door Test

High Efficiency Furnace 98%

Tankless Water Heater

Energy Star Appliances

Blown In Blanket BIB Insulation

R-value Upgrades

Advanced Framing 8" +Thick Walls

Natural Daylight

Efficient Windows 0.27 U Value

LED lighting

Programmable Thermostat Sealed

Combustion Fireplace

EV Charger

Large Roof Overhangs

Southern Exposure

Crawl Space Ventilator

Green Generation

5.13 kW Solar Photo Voltaic PV system

18 285 watt Solar World panels

Grid Tied with Net Metering

Battery backup

Green Sustainability & Livability

Formaldehyde Free cabinets

No VOC paint

Sustainable Renewable Cork Flooring Clean Tile

Recycled Crush Countertops

2105 Sq Ft Home 2+ BR, 2.5 Bath FireWise

Stucco & Metal Siding and Metal Roofing

Healthy Aging Home Elevator

Bioswale

Naturescaping

EV Charger

Easy Care Home

Water Filter

Green Water Conservation

Tankless Water Heater

On Demand Water Circulating Pump

Low Flow Fixtures

Dual Flush Toilets 1.6 - 0.9 gpf

Drip irrigation

Drought Tolerant & Native Plants

Mature Tree Canopy

No Lawn

Green Indoor Air Quality

Fresh Air Ventilation/Intake for furnace

Natural Daylight

Windows that open

Recirculating Crawl Space Ventilation

No VOC Paint

Green Location

A community of 20 Green & Sustainable Homes

Urban Infill

Westside Bend

Pedestrian & Bike Friendly

Cascades East Transit, COCC Shuttle

Newport Ave shops, restaurants, services

Existing Native Trees

FireWise

Dark Skies

Watershed Protection



EnergyPerformanceScore

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EPS is a tool to assess a home's energy cost and carbon footprint.

EPSTM is an energy performance score that measures and rates the energy consumptions and carbon footprint of a newly constructed home. The lower the score, the better — a low EPS identifies a home as energy efficient with a smaller carbon footprint and lower energy costs.

Estimated Monthly Energy Costs

\$44*

Estimated average annual energy costs:

\$526*

Estimated average energy cost per month: Electric \$9, Natural Gas \$35

Location

1639 NW Scott Henry Place
Bend, OR 97701

YEAR BUILT: 2015

SQ. FOOTAGE: 2,078

EPS ISSUE DATE: 2015-08-26

Utilities:

Gas: Cascade Natural Gas

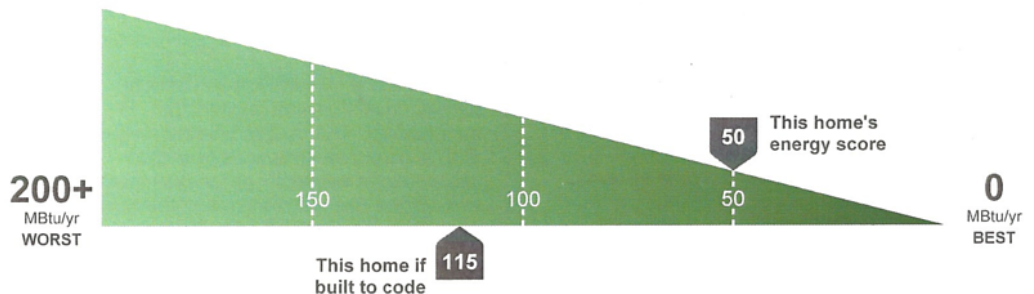
Electric: Pacific Power

Energy Score

50

ENERGY CONSUMPTION:

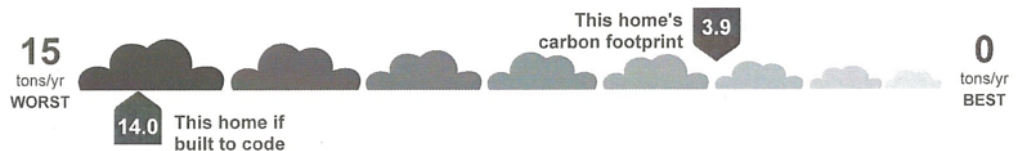
Measured in millions of Btu per year (MBtu/yr).
One million Btu = 293 kWh or 10 therms.



Estimated average energy usage: Electric (kWh): 1,130*, Natural Gas (therms): 458

CARBON FOOTPRINT:

Measured in tons of carbon dioxide per year (tons/yr). One ton \approx 2,000 miles driven by one car (typical 21 mpg car).



Estimated average carbon footprint: Electric (tons/yr): 1.2, Natural gas (tons/yr): 2.7

*Actual energy costs are based on many factors such as occupant behavior and weather. A home's EPS takes into account the energy-efficient features installed in the home, but does not account for occupant behavior.

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EPS is a tool to assess a home's energy cost and carbon footprint.

+ Energy-efficient features that contribute to this home's score:

Insulated Ceiling: R-49.0	Efficient Windows: U-0.27	Space Heating: 98.0 % AFUE Furnace
Insulated Walls: R-30.0	Efficient Lighting: 100.0 %	Envelope Tightness: 2.0 ACH @ 50Pa
Insulated Floors: R-15.0	Water Heater: Tankless 0.94 EF	

What was considered in developing this score?

A home's EPS is based on the energy-efficient features listed above as well as the home's size and specific design. Improvements and updates made to the home after the issue date will impact its EPS. EPS does not factor in occupant behavior, and as a result, actual energy costs may vary.

USEFUL TERMINOLOGY

Energy-efficient features

R-Value: Rates the efficiency of insulation; a higher R-Value signals improved performance of floor, ceiling and wall insulation.

U-Value: Indicates the rate of heat loss in windows; a lower U-Value demonstrates the effectiveness of a window, resulting in a more comfortable home.

ACH @ 50Pa: Total air changes per hour at 50 pascals; a low number signifies a properly-sealed home with fewer air leaks.

EF: Energy Factor for water heaters or appliances; the higher the EF, the more energy efficient the model.

Energy Score

EPS is displayed in millions of Btu per year.

A Btu or British thermal unit is a measurement of the heat content of fuel. One btu \approx the energy produced by a single wooden match.

Carbon footprint:

A home's energy consumption affects carbon emissions and impacts the environment. The carbon calculation for EPS is based on emissions from the utility specific electricity generation method and natural gas consumption of the home.

Similar size Oregon home

Energy: The energy consumption of an average Oregon home of similar square footage, heating type and geographical region.

Carbon: The carbon footprint of an average Oregon home of similar square footage, heating type, geographical region and utility mix.

This home if built to code:

The estimated annual energy and carbon use for this home if it was just built to the minimum standards allowed under Oregon code at the time of construction without energy-efficient features installed.

Brought to you by Energy Trust of Oregon

Energy Trust developed EPS to educate about energy efficiency and provide a tool to help inform home-buying decisions.

For more information about EPS, contact Energy Trust at 1.866.368.7878 or visit www.energytrust.org/eps.



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