



ENERGY PERFORMANCE SCORE

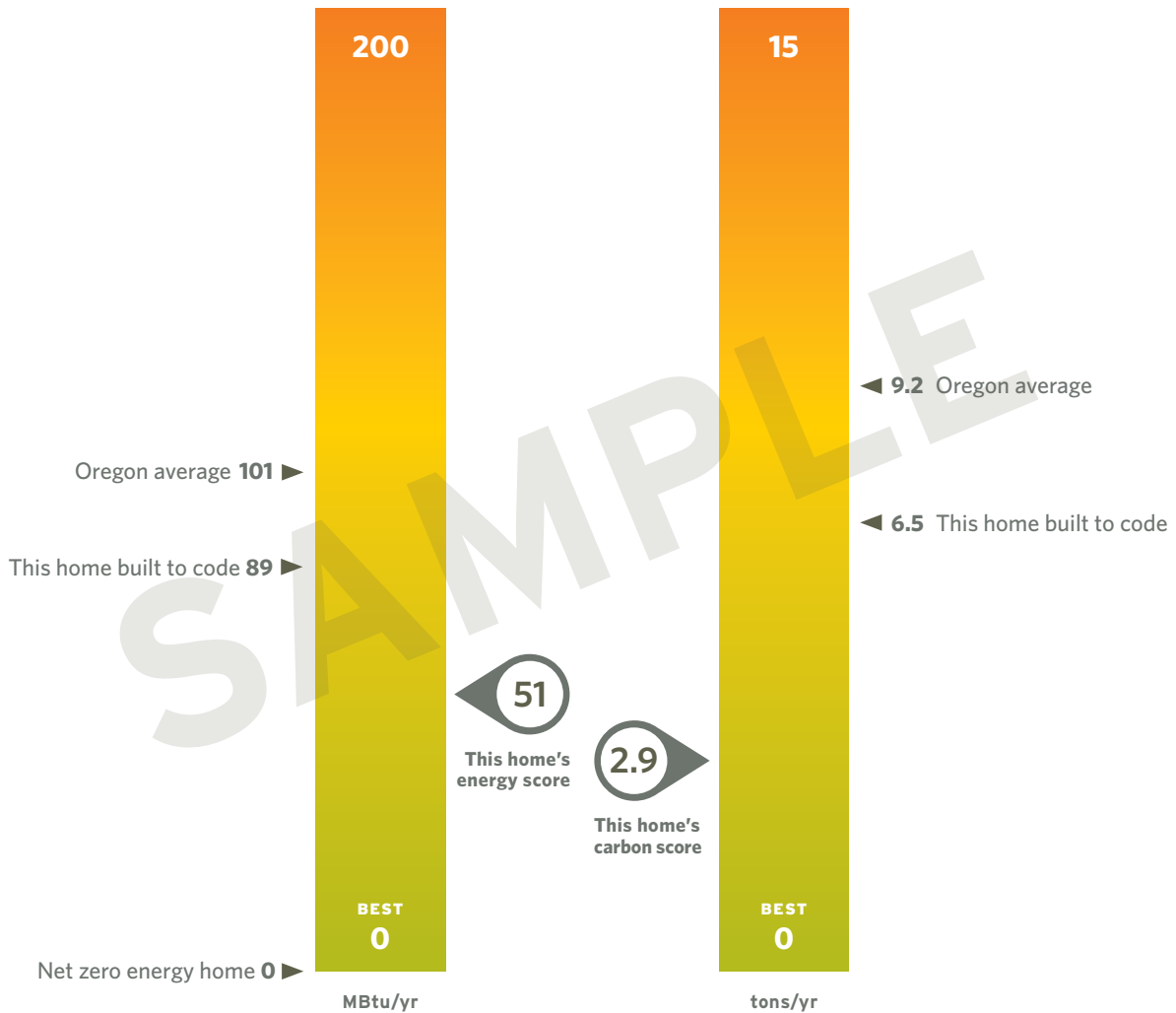
INDEPENDENT ASSESSMENT OF THIS HOME'S ENERGY CONSUMPTION, COSTS AND CARBON EMISSIONS

ENERGY CONSUMPTION

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

CARBON EMISSIONS

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



REPORT FOR: 12345 Example Road, Portland, OR 97217

PREPARED BY: Tyler Hadley, Energy Trust of Oregon

ISSUE DATE:
02-01-2011

YEAR BUILT:
2011

SQUARE FOOTAGE USED FOR
ENERGY CALCULATIONS:
2,000

ESTIMATED ANNUAL
ENERGY USAGE:
Electric (kWh): 512*
Natural gas (therms): 491

*Includes 2 KW of PV Solar

IDENTIFICATION #:
123456

TYPE:
Single Family

ESTIMATED AVERAGE
ANNUAL ENERGY COSTS*:

\$598

monthly average: **\$50**
*Actual energy costs will vary.



Energy Performance Score, or EPS, is a tool to assess a home's energy consumption, costs and carbon emissions.

The Easy Way To Compare Energy Use

Energy efficiency, utility costs and environmental impact are important factors to consider when buying or building a home. They can affect the real and perceived value of a home, but aren't always easy to quantify.

EPS compares a home's energy consumption, costs and carbon emissions with those of similar sized homes in Oregon.

Measuring Energy Use and Costs

EPS calculation is based on several factors: building size, air leakage and ventilation, insulation, windows, heating and cooling systems, water heating, lighting, major appliances and standard operating conditions.

Actual energy use will vary with occupant behavior and weather. Fuel costs are based on retail prices of each gas and/or electric utility at the time EPS is issued.

Carbon Emissions

A home's energy consumption affects carbon emissions and impacts the environment. The EPS estimates these emissions from the electric production and natural gas consumption of the home to create a carbon score. You can change your carbon footprint by purchasing renewable energy options from your utility or other carbon offset programs.

Brought To You By Energy Trust of Oregon

Energy Trust is an independent nonprofit organization dedicated to help residents use less energy and manage costs. Energy Trust developed EPS to educate Oregonians about energy efficiency and provide a tool to make informed home-improvement decisions.

Provide this EPS to an agent or appraiser during the process of selling or renting out a home. It can help showcase the home's energy efficiency, operating costs, market value and improvements.



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

USEFUL TERMINOLOGY

Energy Calculation

The Energy Performance Score 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 = the energy produced by a single wooden match.

$$\frac{\text{Annual kWh}}{293} + \frac{\text{Annual therms}}{10} = \text{annual MBtu}$$

Oregon Average Energy Score

The average annual energy consumption of electricity, natural gas, and other fuels from typical homes.

Built to Oregon Code

The annual energy use for this home with occupancy equal to the number of bedrooms plus one if it was built to 2008 Oregon code or code at time of construction.

Oregon Average Carbon Score

The annual carbon dioxide from electricity production and gas use for typical homes, built to typical pre-2008 Oregon building practices.

Carbon Emissions

Carbon dioxide is displayed in tons per year. The carbon score is calculated from the electric and natural gas consumption of the home. 1 ton = 2000 pounds of carbon.

For electricity: The carbon score is based on emissions from producing electricity. 1 ton of carbon = 961-1,884* kWh

For natural gas: The carbon score is based on emissions from burning natural gas. 1 ton of carbon = 171 therms

*Varies based on your electric provider