

New Homes Q3



2011 YTD results

Savings and Incentives

- EPS = 541
- Therms = 74,019
- kWh = 509,555
- Avg \$ = \$1,476.78

Trade allies

- 345 builders
- 80 HVAC

Energy Performance Score



What does EPS tell you?

ENERGY CONSUMPTION

Measured in million Btu per year
One million Btu = 293 kWh

CARBON EMISSIONS

Carbon dioxide per year (tons/yr).
Emissions from one car (typical 21 mpg)

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 the area.

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.

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

Net zero energy home 0

Energy Trust of Oregon 851 SW Sixth Avenue, #1200, Portland, Oregon 97204 1.866.368.7878 503.546.6862 energytrust.org

Energy Trust of Oregon is an independent nonprofit organization dedicated to helping utility customers benefit from saving energy and tapping renewable resources. Our services, call-in centers and energy solutions have helped participating customers of Portland General Electric, Pacific Power, SW Natural and Cascade Natural Gas save on energy costs. Our work helps keep energy costs as low as possible, creates jobs and builds a sustainable energy future. Printed with vegetable-based inks on paper that contains 100% post-consumer waste. 2/11, V.2

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MBtu/yr

tons/yr

EnergyTrust
of Oregon

Smart Homebuyer Campaign



Empowering the Smart Homebuyer

- Advertising introducing consumers to Energy Performance Score
- Educates potential buyers to consider energy efficiency in the home buying process and helps create market demand for energy-efficient homes



**ENERGY
PERFORMANCE
SCORE**




Campaign components

Outreach strategy

- [Smart Homebuyer Checklist](#)
- Print ads
- Web ads
- [New page on Energy Trust's website](#)

SMART HOMEBUYER CHECKLIST

 Job-related travels and longer the holiday season of energy will not make full sense. The driving question set for you (space with comfort and heat will be the most about business energy.

HOME ENERGY PERFORMANCE

Does this home have an Energy Performance Score? _____ No _____ Yes _____

How much energy does this home consume per year, and what are the estimated monthly and annual energy costs?

Has the homeowner any energy efficiency certifications?

SMART HOMEBUYER GUIDES

Which of the following high-efficiency systems are installed?

Energy efficient water heater

Energy efficient furnace

High-efficiency hot water tank

No hot water tank

High performance windows

Tankless hot water

ENERGY STAR approved

EPS

KNOW YOUR ENERGY PERFORMANCE SCORE

Energy Performance Score is a valuable tool for assessing energy, built from energy consumption, water use, and other factors. Talk to your real estate professional or builder about EPS, or visit www.energytrust.org/smarthomebuyer for more information.

Energy Trust of Oregon



Get involved, stay connected

Web graphic just for you!

- Identifies and connects you to the advertising
- Available to trade allies
- Easy-to-use
- Eye-catching
- Links directly to Energy Trust's website and the Smart Homebuyer Checklist
- Consumers see you as a provider of the energy efficiency answers they are looking for



Product incentives



Products incentives



Clothes Washers

- MEF 2.2 – 2.45, \$50 incentive
- MEF 2.46+, \$100 incentive



Refrigerators and Freezers

- All ENERGY STAR® Freezers, \$50 incentive
- 20 - 29.99 percent, \$50 incentive
- 30 percent+, \$100 incentive



Dishwashers

- 286 kWh/ year or less, \$25 incentive

Learn more and find application forms at

<http://energytrust.org/residential/incentives/Appliances/>



Questions?

Contact the trade ally coordinator to get your Smart Homebuyer Campaign web graphic or to learn more.

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