



U.S. DEPARTMENT OF  
**ENERGY**

THIS  
HOME'S  
SCORE **2**  
OUT OF 10

THIS HOME'S ESTIMATED  
**ENERGY COSTS**

**\$3,401**  
PER YEAR

## HOME PROFILE

### LOCATION:

5235 SE 46th Ave  
Portland, OR 97206

### YEAR BUILT:

1952

### HEATED FLOOR AREA:

1,650 sq.ft.

### NUMBER OF BEDROOMS:

3

## ASSESSMENT

### ASSESSMENT DATE:

02/19/2018

### SCORE EXPIRATION DATE:

02/19/2026

### ASSESSOR:

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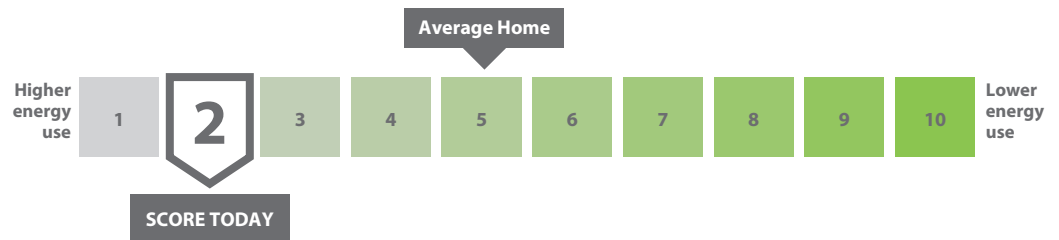
### LICENSE #:

214106

*Flip over to learn how  
to improve this score  
and use less energy!*



## Home Energy Score



Official Assessment | ID# 192705

The Home Energy Score is a national rating System developed by the U.S. Department of Energy. The Score reflects the estimated energy use of a home based upon the home's structure and heating, cooling, and hot water systems. The average score is a 5. Learn more at [HomeEnergyScore.gov](http://HomeEnergyScore.gov).

## HOW MUCH ENERGY IS THIS HOME LIKELY TO USE?

**Electric:** 10,009 kWh/yr. .... \$1,365

**Natural Gas:** 0 therms/yr. .... \$0

**Other:** ..... \$2,036

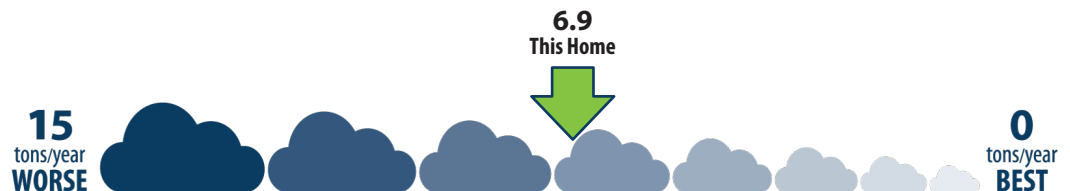
**Renewable Generation:** ..... (\$0)

**TOTAL ENERGY COSTS PER YEAR \$3,401**

How much  
**renewable  
energy** does  
this home  
generate?

\_\_\_\_\_ kWh/yr

## THIS HOME'S CARBON FOOTPRINT:



What should my home's carbon footprint be? Between now and 2030, Portlanders should reduce carbon pollution per household to 3 metric tons per year to reach our climate goals.

- Actual energy use and costs may vary based on occupant behavior and other factors.
- Estimated energy costs were calculated based on current utility prices (\$0.14/kwh for electricity; \$1.17/therm for natural gas; \$4.00/gal for heating oil; \$2.43/gal for propane).
- Carbon footprint is based only on estimated home energy use. Carbon emissions are estimated based on utility and fuel-specific emissions factors provided by the OR Department of Energy.
- Relisting 2-7 years after the assessment date requires a free reprint of the Report from [us.greenbuildingregistry.com](http://us.greenbuildingregistry.com) to update energy and carbon information.
- **This report meets Oregon's Home Energy Performance Score Standard and complies with Portland City Code Chapter 17.108.**

Score  
today:

2

Score with priority  
improvements:

10

Estimated **energy savings**  
with priority improvements:

**\$1,729** PER  
YEAR

Estimated **carbon reduction**  
with priority improvements:

**48%** PER  
YEAR

## TACKLE ENERGY WASTE TODAY!

**Enjoy the rewards of a comfortable, energy efficient home that saves you money.**

- ☒ Get your home energy assessment. Done!
- ☐ Choose energy improvements from the list of recommendations below.
- ☐ Select a contractor (or two, for comparison) and obtain bids. If a new home, discuss with the builder. Checkout **[www.energytrust.org/findacontractor](http://www.energytrust.org/findacontractor)** or call toll free **1-866-368-7878**.
- ☐ Explore financing options at **[energytrust.org](http://energytrust.org)**.
- ☐ Visit **[energytrust.org/solutions/insulation-and-air-sealing/](http://energytrust.org/solutions/insulation-and-air-sealing/)** for changes you can make today.

## PRIORITY ENERGY IMPROVEMENTS <sup>1</sup>

FEATURE	TODAY'S CONDITION <sup>4</sup>	RECOMMENDED IMPROVEMENTS <sup>3</sup>
Envelope/Air sealing	Not professionally air sealed	Professionally air seal
Basement wall insulation 483 ft <sup>2</sup>	Insulated to R-0	Insulate framed wall cavities, Insulate masonry or concrete walls to R-15
Duct insulation	Un-insulated	Insulate to R-8
Duct sealing	Un-sealed	Reduce leakage to a maximum of 10% of total airflow
Wall insulation	Insulated to R-0	Fully insulate wall cavities
Floor insulation 342 ft <sup>2</sup>	Insulated to R-0	Insulate to R-30 or fill floor cavity
Heating equipment	Oil furnace 72% AFUE	When replacing, upgrade to ENERGY STAR
Water Heater	Electric EF 0.87	When replacing, upgrade to ENERGY STAR, (EF>=2.67 or UEF>= 2.67)

## ADDITIONAL ENERGY RECOMMENDATIONS <sup>2</sup>

FEATURE	TODAY'S CONDITION <sup>4</sup>	RECOMMENDED IMPROVEMENTS
Air Conditioner	N/A	
Foundation wall insulation	N/A	
Knee Wall insulation	N/A	
Cathedral Ceiling/Roof	Roof insulated to R-15	
Skylights	N/A	
Solar PV	N/A	
Windows	Double-pane, clear glass	

1. To achieve the "Score with Priority Improvements" all recommended improvements in the Priority Energy Improvements section must be completed. All together, these priority improvements have a simple payback of ten years or less.

2. Additional energy efficiency improvements may take longer than ten years to make a return on investment but can have a significant impact on the comfort, efficiency and environmental impact of your home.

3. If your home has an oil furnace it is recommended you replace it with a high efficiency electric heat pump.

4. Today's Condition represents the majority condition for that feature in the home.