



U.S. DEPARTMENT OF ENERGY

THIS HOME'S SCORE **8** OUT OF 10

THIS HOME'S ESTIMATED ENERGY COSTS

**\$1,330** PER YEAR

## HOME PROFILE

### LOCATION:

27 NE Cook St  
Portland, OR 97212

### YEAR BUILT:

1905

### HEATED FLOOR AREA:

2,068 sq.ft.

### NUMBER OF BEDROOMS:

3

## ASSESSMENT

### ASSESSMENT DATE:

01/30/2018

### SCORE EXPIRATION DATE:

01/30/2026

### ASSESSOR:

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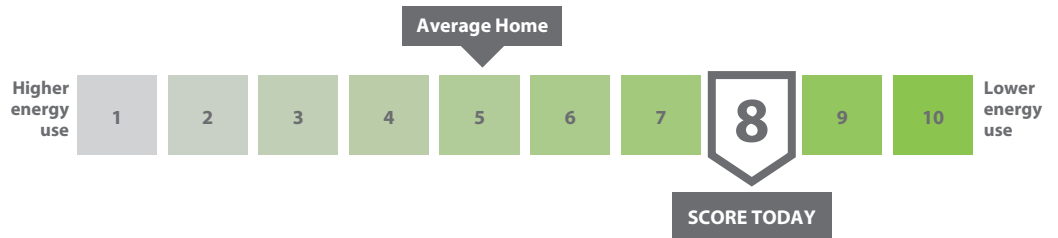
### LICENSE #:

215074

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



## Home Energy Score



Official Assessment | ID# 189741

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?

|  |                |
|--|----------------|
| <b>Electric:</b> 10,409 kWh/yr.....    | \$1,117        |
| <b>Natural Gas:</b> 182 therms/yr..... | \$213          |
| <b>Other:</b> .....                    | \$0            |
| <b>Renewable Generation:</b> .....     | (\$0)          |
| <b>TOTAL ENERGY COSTS PER YEAR</b>     | <b>\$1,330</b> |

**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 (\$0.11/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:

8

Score with priority improvements:

10

Estimated energy savings with priority improvements:

\$229 PER YEAR

Estimated carbon reduction with priority improvements:

18% 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>                                       |
|--------------|--------------------------------|---|
| Water Heater | Electric                       | When replacing, upgrade to ENERGY STAR, (EF $\geq$ 2.67 or UEF $\geq$ 2.67) |

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

| FEATURE                    | TODAY'S CONDITION <sup>4</sup> | RECOMMENDED IMPROVEMENTS |
|----------------------------|--------------------------------|--------------------------|
| Solar PV                   | N/A                            |                          |
| Air Conditioner            | N/A                            |                          |
| Attic insulation           | Ceiling insulated to R-44      |                          |
| Basement wall insulation   | Insulated to R-11              |                          |
| Duct insulation            | Insulated                      |                          |
| Duct sealing               | Un-sealed                      |                          |
| Envelope/Air sealing       | Professionally air sealed      |                          |
| Floor insulation           | Insulated to R-0               |                          |
| Foundation wall insulation | N/A                            |                          |
| Heating equipment          | Natural gas furnace 92% AFUE   |                          |
| Knee Wall insulation       | N/A                            |                          |
| Skylights                  | N/A                            |                          |
| Wall insulation            | Insulated to R-13              |                          |
| Windows                    | Double-pane, low-E 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.