



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

THIS HOME'S ESTIMATED ENERGY COSTS

**\$1,141** PER YEAR

## HOME PROFILE

### LOCATION:

1212 NE 81st Ave  
Portland, OR 97213

### YEAR BUILT:

1926

### HEATED FLOOR AREA:

1,144 sq.ft.

### NUMBER OF BEDROOMS:

2

## ASSESSMENT

### ASSESSMENT DATE:

07/25/2018

### SCORE EXPIRATION DATE:

07/25/2026

### ASSESSOR:

James McNair  
Soil Solutions Environmental  
Services

### PHONE:

503-234-2118

### EMAIL:

pmcnair@  
soilsolutionsenvironmental.com

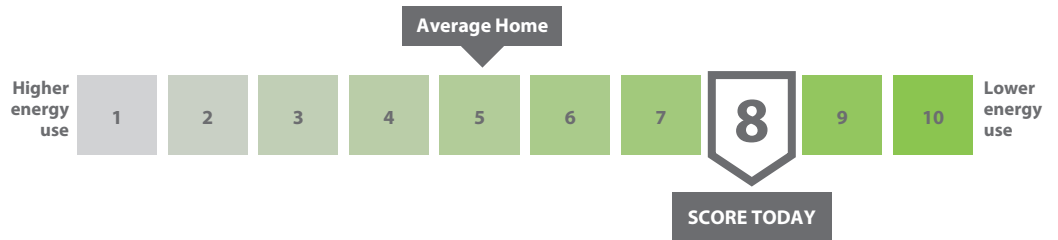
### LICENSE #:

138344

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



## Home Energy Score



Official Assessment | ID# 213851

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:** 10,369 kWh/yr. .... \$1,141  
**Natural Gas:** 0 therms/yr. .... \$0  
**Other:** ..... \$0  
**Renewable Generation:** ..... (\$0)

**TOTAL ENERGY COSTS PER YEAR \$1,141**

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; \$0.99/therm for natural gas; \$2.58/gal for heating oil; \$2.21/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:

\$200 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.  
Checkout [www.energytrust.org/findacontractor](http://www.energytrust.org/findacontractor) or call toll free **1-866-368-7878**.
- Explore financing options at [communityenergyproject.org](http://communityenergyproject.org) or [energytrust.org](http://energytrust.org).
- Visit the following resources to learn about easy changes you can make today: [communityenergyproject.org/services](http://communityenergyproject.org/services) or [energytrust.org/solutions/insulation-and-air-sealing/](http://energytrust.org/solutions/insulation-and-air-sealing/)

## PRIORITY ENERGY IMPROVEMENTS | 10 YEAR PAYBACK OR LESS

FEATURE	TODAY'S CONDITION <sup>3</sup>	RECOMMENDED IMPROVEMENTS
Water Heater	Electric	When replacing, upgrade to ENERGY STAR, minimum 2.76 EF (Energy Factor)

## ADDITIONAL ENERGY RECOMMENDATIONS

FEATURE	TODAY'S CONDITION <sup>3</sup>	RECOMMENDED IMPROVEMENTS
Attic insulation	Ceiling insulated to R-19	Insulate to R-38 or R-49 if code requires it
Duct sealing	Un-sealed	Reduce leakage to a maximum of 10% of total airflow
Envelope/Air sealing	Not professionally air sealed	Professionally air seal
Solar PV	N/A	Visit <a href="http://www.energytrust.org/solar">www.energytrust.org/solar</a> to learn more
Wall insulation	Insulated to R-0	Fully insulate wall cavities
Windows	Multiple types	When replacing, upgrade to ENERGY STAR
Air Conditioner	17 SEER	
Basement wall insulation	Insulated to R-0	
Cathedral Ceiling/Roof	None	
Duct insulation	Un-insulated	
Floor insulation	Insulated to R-0	
Foundation wall insulation	N/A	
Heating equipment	Electric heat pump 10 HSPF	
Skylights	N/A	

1. To achieve the "Score with Priority Improvements" all recommended improvements in the Priority Energy Improvements section must be completed. 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.