



CITY OF BEND

U.S. DEPARTMENT OF
ENERGY

THIS
HOME'S
SCORE **1**
OUT OF 10

THIS HOME'S ESTIMATED
ENERGY COSTS

\$2,448
PER YEAR

HOME PROFILE

LOCATION:

1166 NW Redfield Cir
Bend, OR 97703

YEAR BUILT:

1998

HEATED FLOOR AREA:

3,449 sq.ft.

NUMBER OF BEDROOMS:

4

ASSESSMENT

ASSESSMENT DATE:

02/23/2024

SCORE EXPIRATION DATE:

02/23/2032

ASSESSOR:

James Robertson
James Robertson Construction
LLC

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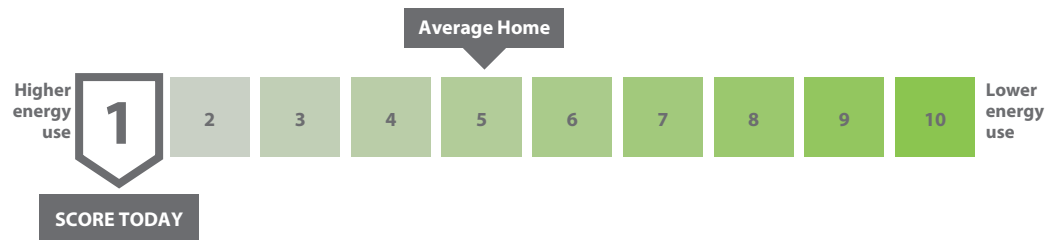
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*Flip over to learn how
to improve this score
and use less energy!*



Home Energy Score



Official Assessment | ID# 506005

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](https://www.HomeEnergyScore.gov).

HOW MUCH ENERGY IS THIS HOME LIKELY TO USE?

Electric: 12,086 kWh/yr (\$0.11/kWh)..... \$1,297

Natural Gas: 1,107 therms/yr (\$1.04/therm)..... \$1,151

Other: \$0

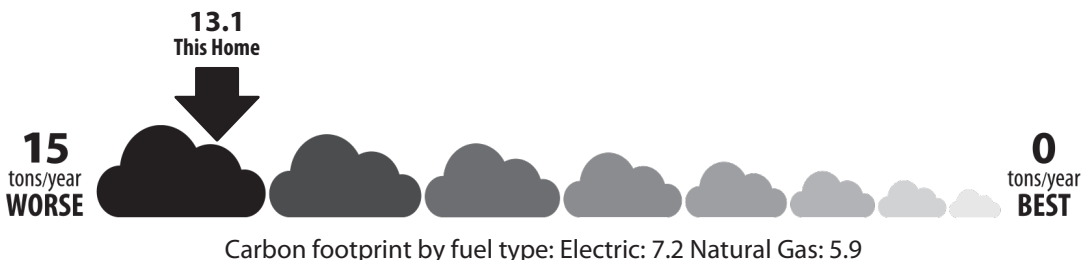
Solar Generation: (\$0)

TOTAL ENERGY COSTS PER YEAR **\$2,448**

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

_____ kWh/yr

THIS HOME'S CARBON FOOTPRINT:



- Actual energy use and costs may vary based on occupant behavior and other factors.
- Estimated energy costs were calculated based on current utility prices in your area.
- 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.
- This report is valid for eight years from the assessment date. A free reprint of the report is available from [us.greenbuildingregistry.com](https://www.us.greenbuildingregistry.com) with updated utility and carbon information annually.
- **This report meets Oregon's Home Energy Performance Score Standard.**

Score
today:

1

Score with priority
improvements:

2

Estimated **energy savings**
with priority improvements:

\$216 PER
YEAR

Estimated **carbon reduction**
with priority improvements:

9% 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. Check with your local utility for a list of contractors in your area
- ☐ Learn more about Bend's Home Energy Score Program at: www.bendoregon.gov/city-projects/community-priorities/sustainability/energy/home-energy-score
- ☐ Check out available incentives through your utility provider at the City's website provided above.

PRIORITY ENERGY IMPROVEMENTS ¹

FEATURE	TODAY'S CONDITION ³	RECOMMENDED IMPROVEMENTS
Duct sealing	Un-sealed	Reduce leakage to a maximum of 10% of total airflow
Heating equipment 80%	Natural gas furnace 80% AFUE	When replacing, upgrade to ENERGY STAR
Water Heater	Natural gas UEF 0.62	When replacing, upgrade to ENERGY STAR, (EF>=0.67 or UEF>= 0.64)

ADDITIONAL ENERGY RECOMMENDATIONS ²

FEATURE	TODAY'S CONDITION ³	RECOMMENDED IMPROVEMENTS
Envelope/Air sealing	Not professionally air sealed	
Attic insulation	Ceiling insulated to R-38	
Basement wall insulation	N/A	
Air Conditioner 20%	22 SEER	
Air Conditioner 80%	14 SEER	
Duct insulation	Insulated	
Wall insulation	Insulated to R-15	
Floor insulation	Insulated to R-25	
Foundation wall insulation	N/A	
Heating equipment 20%	Electric mini split 12 HSPF	
Knee Wall insulation	Knee wall insulated to R-21	
Cathedral Ceiling/Roof	Roof insulated to R-30	
Skylights	Double-pane	
Solar PV	N/A	
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. Today's Condition represents the majority condition for that feature in the home. Additional energy efficient features may be present in the home and not accounted for in this report. Trees and other features may provide additional energy efficiency benefits to the building.