



# EWEB HOME ENERGY SCORE

Know the score. Outsmart energy waste.

THIS HOME'S SCORE

# 3

OUT OF 10

THIS HOME'S ESTIMATED ENERGY COSTS

# \$1,890

PER YEAR

## HOME PROFILE

### LOCATION:

123 Main St

Eugene, OR, 97401

### YEAR BUILT:

1970

### HEATED FLOOR AREA:

1400 sq. ft.

### NUMBER OF BEDROOMS:

3

### HOUSING TYPE:

Single-family home

## ASSESSMENT

### ASSESSMENT DATE:

1/20/2021

### ENERGY SPECIALIST:

Marie Curie

EWEB

### PHONE:

541-685-7000

### EMAIL:

rentals@eweb.org

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



Your home's current score

# 3

Uses more energy



Uses less energy

The EWEB Home Energy Score is a rating system developed by EWEB, using similar methodology as the U.S. Department of Energy's Home Energy Score. The Score reflects the energy efficiency of a home based on the home's structure and heating, cooling, and hot water systems. The average score is a 5, and 10 is the best. *Made possible through a partnership between EWEB, University of Oregon, and the City of Eugene.*

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

<b>Electric:</b>	11,228 kWh	.....	\$1,272
<b>Natural Gas:</b>	220 therms	.....	\$296
<b>Other:</b>	0.7 cords of wood	.....	\$322

**TOTAL ENERGY COSTS PER YEAR \$1,890**

How much solar energy does this home generate?  
2,200 kWh/yr

## THIS HOME'S CARBON FOOTPRINT

as measured in metric tons of CO2 equivalent per year

This Home **2.92**

**8+** tons/year WORST



**0** tons/year BEST

What should my home's carbon footprint be? Oregonians should reduce carbon pollution per household to 1.9 tons per year by 2050 to reach Oregon's climate goals.

Due to EWEB's clean energy resources, all-electric homes will have a lower carbon footprint compared to homes using gas or other non-electric equipment.

- Actual energy use and costs may vary based on occupant behavior and other factors.
- The carbon footprint above is based only on estimated building energy use. Purchased goods & transportation can be a large portion of a household's carbon footprint and are not included here. Learn how driving electric can reduce your carbon footprint at [eweb.org/ev](http://eweb.org/ev).
- Carbon emissions are calculated based on utility- and fuel-specific emissions factors from the Oregon Department of Energy.
- Estimated energy costs are calculated based on current utility prices (\$0.091/kWh plus \$20.50 per month for electricity; \$0.91/therm plus \$8.00 per month for natural gas; \$460/cord for wood).



## TACKLE ENERGY & WATER WASTE TODAY!



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

- Get your home energy assessment (Done!)
- Choose which energy and water upgrades to address first.
- Get a bid. Find an EWEB-participating contractor by visiting [eweb.org/contractorlist](http://eweb.org/contractorlist).
- Complete energy improvements. For eligible measures, EWEB may be able to offer a rebate or a 0% interest loan. For more details, visit [eweb.org/saveenergy](http://eweb.org/saveenergy) or call EWEB at **541-685-7088**.

### \* PRACTICAL IMPROVEMENTS - COMPLETE NOW OR LATER

To achieve the "score with improvements," all recommended improvements listed below must be completed. Improvements likely will have a simple payback of ten years or less and may be eligible for EWEB funding. For a more detailed explanation of costs and payment, please get a bid from a contractor.

FEATURE	TODAY'S CONDITION	RECOMMENDED IMPROVEMENTS
Ceiling insulation	Ceiling 1: R-11; Ceiling 2: Sloped, R-19	Add attic insulation to R-49 as space allows
Floor insulation	Floor 1: R-19; Floor 2: R-0	Insulate R-0 floors to R-30, or as space allows
Wall insulation	R-11	-
Envelope/Air Sealing	Not professionally air sealed	Have the home professionally air sealed
Windows	Mix of window types, some single-pane	Upgrade your single-pane windows
Skylights	None	-
Heating system	Ducted heat pump; Wood stove or insert	-
Cooling system	Ducted heat pump	-
Duct insulation	Ducts are not insulated	Insulate exposed ducts to R11
Duct sealing	Ducts do not have sealant, may be leaky	Have ducts tested for leaks & seal if necessary
Water heater	Gas storage (natural draft)	Install a heat pump water heater
Solar PV	2 kW of solar capacity	-

#### FEATURES THAT DO NOT IMPACT THE SCORE:

Toilets	At least one older toilet (1.6 gal per flush or more)	Replace old toilets with water-efficient toilets
Electric vehicle charger	None	If the household drives, consider a Level 2 charger to encourage the use of electric vehicles

Additional comments from an EWEB energy specialist:  
Repair the underfloor crawlspace vent screens to keep animals from entering.

THIS HOME'S SCORE

3  
OUT OF 10

THIS HOME'S ESTIMATED ENERGY COSTS

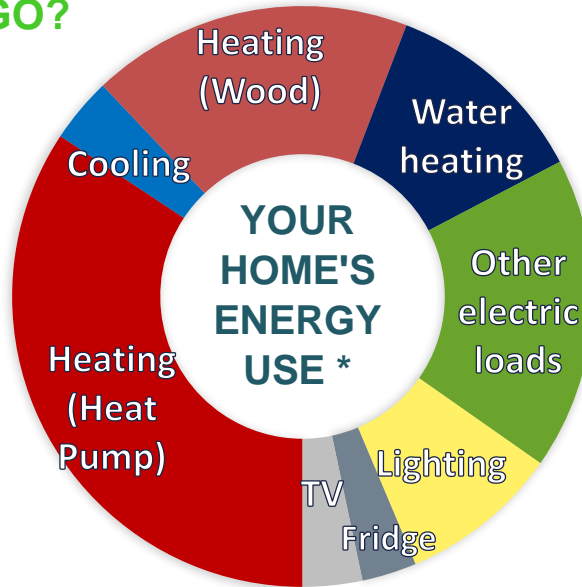
\$1,890  
PER YEAR

## WHERE DOES THE ENERGY GO?

A home like yours used in a typical way during an average weather year will consume \$1,890 worth of energy as shown in the chart to the right. This includes 11,228 kWh of electricity.

However, *your* household used 9,852 kWh of electricity during the last year.

Your actual electricity consumption is lower than average. That's great! It looks like your household has been careful about conserving energy. Keep up the good work!



\* The chart to the left shows where your energy dollars go: mostly space and water heating. Included with Other electric loads are your stove, clothes washer & dryer, and other devices.

## LOW-COST TIPS TO LOWER YOUR BILL

The actions below can save a household like yours

\$360

- \$60** Adjust your thermostat by two degrees. Turn it down in winter, up in summer. Dress for the season.
- \$30** Reduce your hot water use: (1) Take showers & not baths, (2) shorten showers, (3) wash clothes with cold water, (4) install low-flow shower heads & faucet aerators.
- \$80** Be sure your heat pump is running and not the expensive emergency heat. Check your thermostat & avoid the EM Heat or Aux Heat setting.
- \$60** Get rid of your television.
- \$30** Replace your most commonly-used lights with LEDs.
- \$20** Unplug electronics when not in use. Avoid standby power use by unplugging devices or using smart power strips.
- \$80** Be sure your furnace fan is not running more than it needs to. Adjust your thermostat's fan setting to Auto so it is not continuously On.

**Total: \$360 per year in potential savings**

## OTHER WAYS TO MANAGE YOUR BILLS

- Use a thermometer for a reality check before adjusting your thermostat.
- Reduce drafts: Seal up gaps around windows and doors with weatherstripping or even towels. Close chimney damper between fires, or seal it off if not used.
- Limit your use of space heaters. They cost around ten cents an hour to run, which can add up.
- Monitor your consumption each month. Look for a new EWEB online portal coming soon to help.
- Lower water use to save on water and wastewater bills: Fix any water leaks and limit irrigation. Try planting water-efficient plants.