HOME ENERGY PERFORMANCE REPORT

ENERGY-EFFICIENCY RECOMMENDATIONS FOR YOUR HOME

Prepared for:
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Year Built: 1974
Size: 1776
# of Stories: 1

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The many aspects of your home work together as a system to provide you with health, comfort and safety. This Home Energy Performance Plan is your guide to improving these valuable areas of your home.

In this report, you'll find information on your home's existing condition, including current annual estimated energy costs and areas of energy loss, as well as recommended energy-efficiency improvements and estimated savings after improvements are made. Use this report to prioritize the improvements you decide to make to your home.

Home Performance with ENERGY STAR and Clean Energy Works Oregon

Home Performance with ENERGY STAR is the best way to learn how your home currently works as a system, while reducing energy costs. It is offered in collaboration with U.S. Department of Energy, Building Performance Institute and Energy Trust of Oregon.

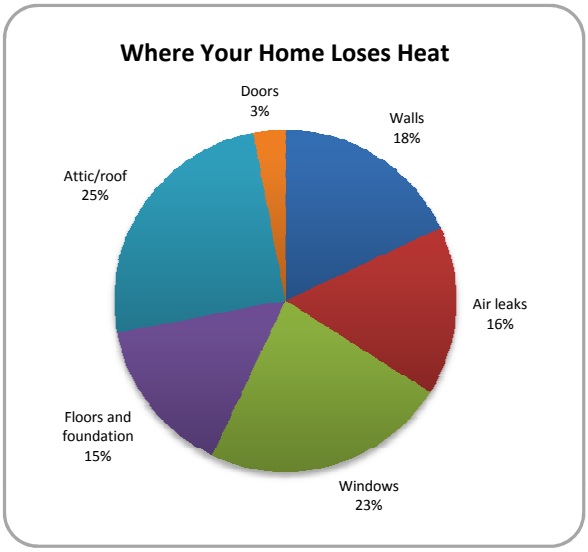
Clean Energy Works Oregon works with BPI certified contractors to provide custom energy-improvement and financing packages that require no upfront costs.

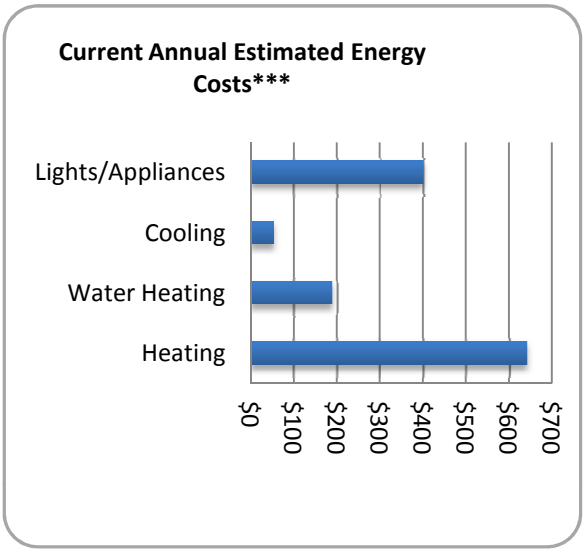
CURRENT ANNUAL ESTIMATED ENERGY CONSUMPTION

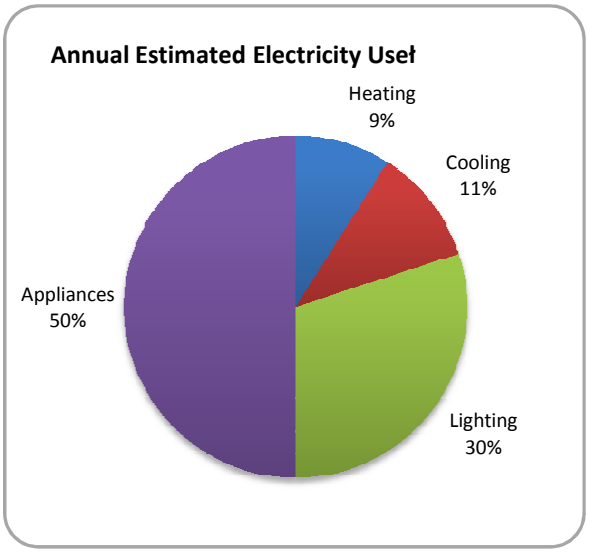
Your home's existing condition and the way you use energy directly impact how much you pay for it. The graphs below provide a visual breakdown of where your home loses heat and the percentage of energy costs based on factors, such as heating and cooling, water heating, appliances and lighting. Use this information to understand how your home currently uses energy and how each component contributes to your annual estimated energy costs.

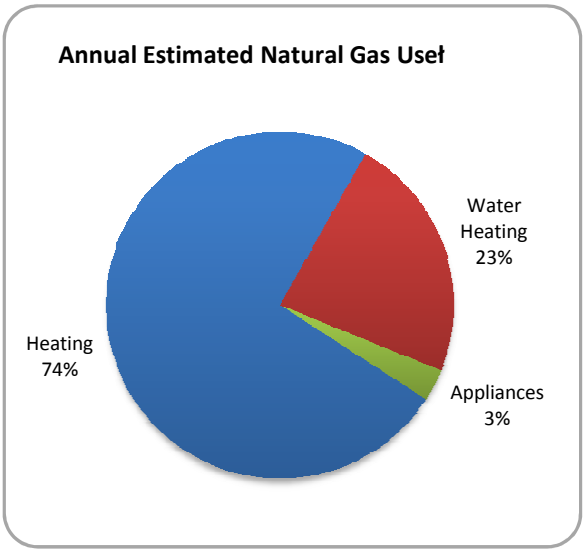
YOUR HOME'S EXISTING CONDITION

Attic insulation	R-15		Heating system	80% AFUE	, 1999
Wall insulation	R-11		Water Heater	0.56 EF	, 50 gallons , 1999
Floor insulation	R-8/R-0		Cooling system	Central Air	, 2000
Windows	Double Vinyl		Duct Insulation	R-8/R-4	
Air leakage	2430	CFM50*	Duct leakage	380 CFM50*	, 214% of Standard
Building Airflow Standard	1658	CFM50* , 147% of BAS			









* CFM_{50} is the measurement of air leaking from a home and ductwork found during diagnostic testing (measured in cubic feet per minute).

**ACH_{50} is the measurement of air leaking from a home and ductwork found during diagnostic testing (measured in air changes per hour).

***Actual rates may vary by location, utility and use.

‡ Twelve months of billing history is needed to ensure the most accurate estimates.

FINDINGS & RECOMMENDATIONS

The packages suggested below prioritize improvements for your home which are the most effective and can help you achieve greater energy efficiency.

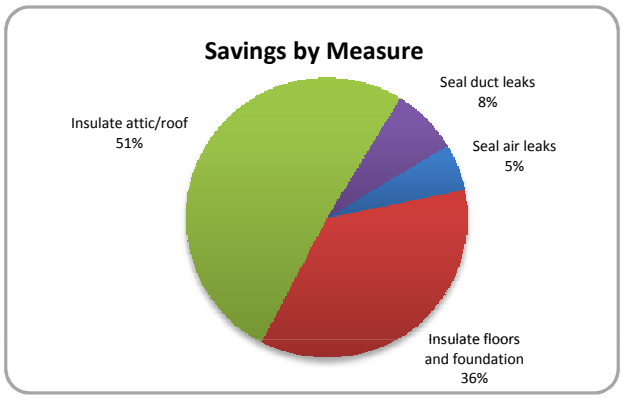
FINDINGS

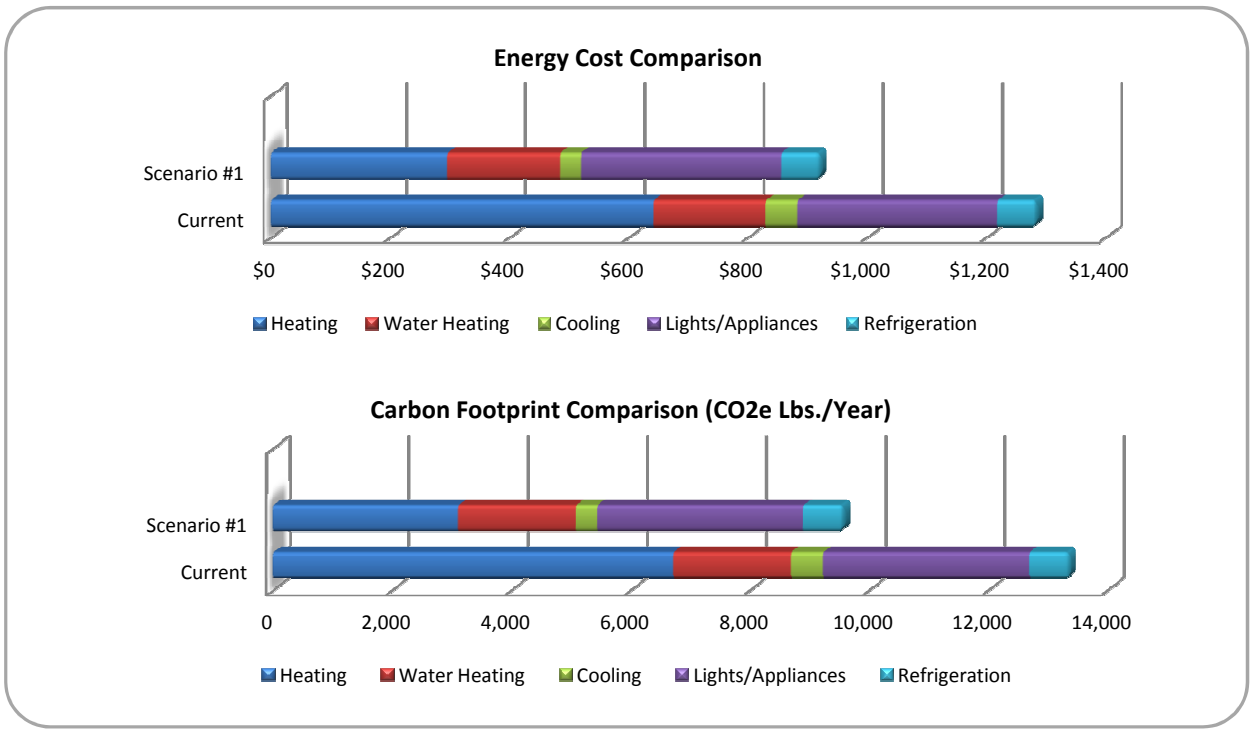
Atmospherically drafting water heater is spilling combustion gasses into garage. Substantial level of duct leakage (214% of standard) measured at Duct Blaster test. Moderate level of air leakage (147% of standard) measured at Blower Door test. Attic is under insulated and under vented. Attic fan is pulling air from conditioned space. Exterior walls and walls to garage are insulated. Main crawlspace is uninsulated. Front addition crawlspace is under insulated. **Some moisture in soil in crawlspace.** Bathroom exhaust fans are commonly ducted with flex duct and are under performing.

RECOMMENDATIONS

Rebuild flue on water heater. Seal and reinsulate ducts. Seal leaks from conditioned space to attic, crawlspace and outside. Upgrade attic insulation and ventilation. Insulate and upgrade existing insulation in crawlspace. **Verify that all potential water intrusion issues have been addressed in the crawlspace.** Reduct bath fans with insulated rigid ducting, sealed to dampered roof jacks.

Estimated Heat Load Savings*: 30% or more





*Estimated heat load savings % is based on the homes existing conditions and recommended measures as calculated by Energy Measure Home™. Actual savings will vary and are dependent on many factors, including occupant behavior and weather.