



## Pilot EPS Report

The EPS is an initiative sponsored by the Energy Trust of Oregon, and delivered by Earth Advantage, Inc., in collaboration with Conservation Services Group.

Address: 1234 Elm St., Portland, OR 97212  
 Homeowner: Homer Owner

Date of Audit: 9/17/2008  
 Date of Report: 10/2/2008

Below is a qualitative summary of your home's energy performance and suggested improvements. We will be sending you an Energy Performance Score and report after the pilot is completed in the beginning of 2009.

[ETO \(Energy Trust of Oregon\)](http://www.energytrust.org), [OETC \(Oregon Energy Tax Credit\)](#) and [E\\* \(Energy Star\)](#) indicates cash incentives are available for these measures. Visit [www.energytrust.org](http://www.energytrust.org) or call 1-866-368-7878 for incentive rates, additional qualifications and a list of Trade Allies.

| Element  | Description/Notes   | Current Performance<br>Poor Average Good | Energy Usage Priority<br>* = Low, ** = High | Recommended Measures<br>\$ = Lower Cost, \$\$ = Higher Cost   |
|--|---|--|---|---|
| <b>Air Leakage</b><br>How tight your home is against air leaks.                      | Little air leakage. Some from door to garage.                   | Good                                     |   |   |
| <b>Ceiling &amp; Attic</b><br>The insulation level above the ceiling or in the roof. | Assumed insulation level: R 25                                  | average                                  | *   | <b>\$ Attic/Ceiling Insulation</b> Current code is R-38 in attics and R-30 in vaulted ceilings. ETO incentives if current insulation is below R-18 and you insulate to R-38. You should do air sealing before insulating.   |
| <b>Heating</b><br>How efficient the heating system is.                               | Type of heating system:<br>80% efficient (assumed) 88,000 btu's | average                                  | *   | <b>\$\$ Heating System Upgrade</b> If your heating system is nearing the end of its life, consider replacing it with a more efficient system. ETO and OETC incentives available. <b>\$ Programmable Thermostat</b> Installing a new programmable thermostat helps you save energy by automatically reducing the heat in your home when you are away and during the night. Check your heating system's manual for compatible thermostats. <b>\$ Service Equipment</b> It appears your heating equipment is in need of service. Also, filters should be replaced at least twice a year. |
| <b>Cooling</b><br>How efficient the cooling system is.                               | Not apply   |  |   |   |



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| <b>Ducts</b><br>How well sealed and insulated are the ducts.                     | Not sealed, not insulated, all in conditioned spaces.   | average                                  |   |   |
| <b>Water Heating</b><br>How efficient & insulated the system is.                 | Type of water heater:<br>80g, elec, VERY OLD.   | poor                                     | *   | <b>\$\$ Water Heater Upgrade</b> The life cycle of water heaters is approximately 12-15 years. If your water heater is older, consider replacing it with a newer, more efficient one. ETO and OETC incentives available. <b>\$ Low Flow Fixtures</b> Replace faucet aerators and showerheads with lowest flow models available. There are .5 gallon per minute units available. |
| <b>Lights &amp; Appliances</b><br>How efficient the lighting and appliances are. |   | good                                     |   |   |
| <b>Walls</b><br>The insulation inside the walls.                                 | Assumed insul of bsmnt walls: 0<br>Assumed insul of exterior walls: 0<br><br>Assumed insul of garage walls: 0 | poor                                     | **<br><br>**                                | <b>\$\$ Wall Insulation</b> R-13 or more is possible depending on the wall's thickness. ETO incentives if current insulation is R-4 or less and you insulate to R-11 or fill cavity. Alternatively, consider upgrading wall insulation during remodels involving exterior walls. Dense pack cellulose is recommended as it will help with air sealing.                          |
| <b>Floor Insulation</b><br>How well insulated the floor is.                      | Assumed insul of floors: 0  | poor                                     | *   | <b>\$ Floor Insulation</b> Current code is R-25. ETO incentives if current insulation is below R11 and you insulate to R-30 or to fill cavity.  |



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| <b>Doors</b><br>The insulation value of the doors.     | Solid Wood         | average                                  |   |  |
| <b>Windows</b><br>The insulation value of the windows. | Mostly single pane | poor                                     | *   | <b>\$\$ Window Upgrade</b> Older windows can be responsible for draughts and significant heat loss in winter and heat gain in summer. Storm windows can help eliminate some of these issues. Newer double pane windows can help save energy and make rooms more comfortable and quieter. ETO incentives available. |
| <b>Other</b>   |                    |  |   |  |