



HAPPIER AT HOME

ENERGY-EFFICIENCY AND RENEWABLE ENERGY UPGRADES FOR BETTER LIVING

Energy Trust of Oregon provides a range of clean energy solutions to help homeowners and renters reduce utility costs and make their homes more comfortable. Cash incentives, expert recommendations and referrals to qualified contractors help customers of Portland General Electric, Pacific Power, NW Natural, Cascade Natural Gas and Avista make energy-saving improvements and invest in renewable energy.

Homeowners, renters and apartment dwellers can all benefit from Energy Trust's offerings, including:

- Customized recommendations from a quick online Home Energy Review
- Free Energy Saver Kits with energy-saving LED bulbs, showerheads and faucet aerators
- Cash incentives for upgrading to energy-efficient equipment and appliances like water heaters, heating systems, clothes washers and smart thermostats
- Cash incentives for installation of solar panels to generate renewable energy
- Increased incentives for income-qualified households
- Resources for selecting and purchasing a newly constructed energy-efficient home, including homes with EPSTM, a home energy performance score
- Referrals to Energy Trust's trusted network of trade ally contractors, including solar installers



Ryan and Karen Kinnett, Salem

Estimated annual savings and generation: \$920

For homeowners, making incremental improvements can add up to big benefits over time. Just ask Ryan and Karen Kinnett. Going at their own pace to make energy upgrades as their budget allowed, the Kinnetts invested in home energy improvements that considerably lowered their energy costs.

Little by little, they installed water- and energy-saving showerheads, attic and wall insulation, high-efficiency windows and a solar electric system that whittled down their annual electric bill. Their home is now more comfortable—and they have saved roughly \$920 on annual energy bills.

Most recently, Energy Trust gave the Kinnetts a cash incentive toward the cost of a high-efficiency natural gas fireplace. “The hearth turns on with the flip of a switch, bringing comfort and enjoyment to our front room where we spend a lot of time,” Ryan said.

Ryan estimates they’ve cut nearly 45 percent from their total annual energy costs for natural gas and electricity—a big deal for a family of five living on a teacher’s salary. “We certainly couldn’t have made these upgrades without help from Energy Trust,” Ryan said.



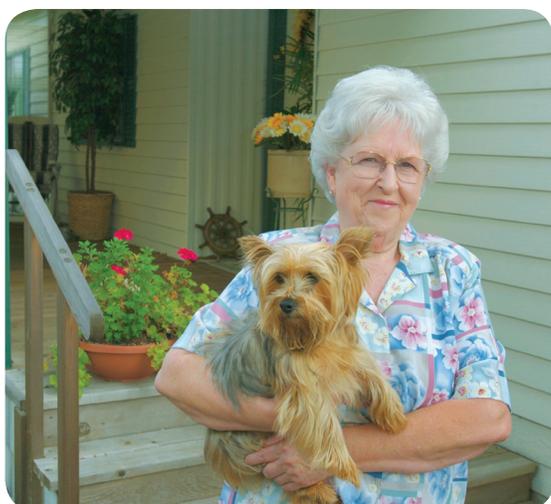
Cherrie Carlson-Conklin and Darrell Conklin, Baker City

Estimated annual savings: \$140

Living in Eastern Oregon where the summers can be sweltering and the winters below freezing, Cherrie Carlson-Conklin and her husband Darrell Conklin needed to get comfortable. The wide temperature swings throughout the year made their poorly insulated 1903 stucco home nearly inhospitable and sent energy bills soaring.

Inspired by a neighbor, Cherrie and Darrell hired an Energy Trust trade ally to insulate their attic and walls. Within just a few days of installation, the homeowners noticed a big improvement.

“It’s making a significant difference in our energy bills,” Cherrie said. “Our house is warmer, cozier and not as drafty in winter.” They’re also happy with the \$642 Energy Trust cash incentive that made the project more affordable and the estimated \$140 annual savings on energy bills.





Ariel Glen and Healy Heights low-income apartments, Bend

**Estimated annual savings:
\$180 per unit**

Low-income residents of Ariel Glen and Healy Heights Apartments now pay less on utility bills, thanks to energy-efficiency upgrades installed by Housing Works, the Housing Authority of Central Oregon. Renters in each unit are enjoying much more comfortable apartments and saving an estimated \$180 annually on utility bills, which makes a big difference for families making less than half the median income.

Energy Trust provided free technical services and cash incentives to help Housing Works identify and implement energy-efficiency upgrades—including the replacement of baseboard heaters with new packaged terminal heat pumps in 140 apartment units. Those new heat pumps use 28 percent less energy on average and maintain comfortable temperatures year-round.

Residents also have new high-efficiency refrigerators, clothes washers and water heaters as well as new bathroom ventilation fans. Plus, Energy Trust installed free LED bulbs, showerheads and faucet aerators in all apartment units to help tenants save even more.

The comprehensive upgrade, which received more than \$56,000 in incentives from Energy Trust, is reducing electricity use by approximately 216,000 kilowatt hours annually. And best of all? Residents enjoy year-round comfort with much lower energy bills.



Nestor Campos, Portland Estimated annual savings: \$660

After purchasing a 1940s home in Portland's Cully neighborhood, single dad Nestor Campos discovered the house lacked insulation and the old electric furnace didn't heat the house efficiently. Fortunately, with support from Energy Trust, Nestor made several energy upgrades that transformed his home.

Working with an Energy Trust trade ally, Nestor added insulation, sealed air leaks and replaced the inefficient electric furnace with a high-efficiency heat pump. He also added a premium-efficiency water heater, faucet aerators and efficient lighting for even greater comfort and energy savings.

Cash incentives from Energy Trust helped make the entire project affordable, and Nestor's monthly utility bills are now considerably lower.

Nestor says his home is now draft-free, staying warm in winter and cool in summer. "The house is so different," he said. "It changed a lot—now, it's very comfortable."

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We certainly couldn't have made these upgrades without help from Energy Trust.

Ryan Kinnett

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HOMES WITH ENERGY EFFICIENCY BUILT IN

EPS is an energy performance score that indicates the efficiency of a home and measures it against similar-sized homes in Oregon. The score helps home buyers assess a home's energy consumption, energy costs and carbon footprint.

The lower the score, the more energy efficient the home. A home with a low EPS has improved insulation, efficient windows and efficient appliances, heating and water heating systems.

560,000 HOMES AND COUNTING

A comfortable home is one of life's basic needs. Energy Trust services and incentives give homeowners and renters affordable options for making their homes more energy efficient—and reducing their utility bills.

- Energy Trust serves 1.5 million Oregon customers of PGE, Pacific Power, NW Natural, Cascade Natural Gas and Avista, and 71,000 NW Natural customers in Washington.
- Oregonians have transformed 560,000 homes and installed solar panels on 10,000 roofs with help from Energy Trust.
- Through 2016, home buyers have purchased more than 10,000 EPS-rated homes with energy-efficient features built in, thanks to Energy Trust's support for builders.
- Since 2003, residents have saved 178.9 average megawatts and 19.7 million annual therms through energy-saving improvements—enough electricity to power all the homes in Multnomah and Washington counties and heat all the homes in Deschutes County.
- Energy Trust investments in energy efficiency and solar generation will save all participating residential, commercial and industrial customers nearly \$5.6 billion on their utility bills over the lifetime of those investments.



For more information on Energy Trust's services and incentives, visit www.energytrust.org/about.