

Oregon



Oregon Organizations and Consumers are Saving Money and Protecting the Environment with ENERGY STAR®

Benefits

- Oregon businesses and residents will save more than \$1 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Oregon already made through ENERGY STAR will prevent the emissions of 2 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 1 million vehicles.
- If Oregon organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 3-fold.

Highlights

- Oregon is home to more than 250 companies and public entities participating in ENERGY STAR, about 5% of which are small businesses. Others include:
 - 5 local governments and 3 school districts
 - 17 manufacturers of ENERGY STAR qualified products
 - More than 170 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 510 locations across the state.
- About 12,000 Oregon homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 390 buildings (over 60 million square feet) in Oregon have been rated for energy efficiency using EPA's energy performance rating system.
- 44 buildings have earned the ENERGY STAR for superior efficiency, including 24 schools, 2 supermarkets, 2 hotels, 4 hospitals, and 12 office buildings. These buildings typically use 35% less energy than average buildings.
- Oregon is bringing energy efficiency to its residents by participating in the ENERGY STAR *Change a Light, Change the World* campaign.
- The Energy Trust of Oregon has added ENERGY STAR to its New Buildings Program. Incentives are available for design projects that achieve an ENERGY STAR target rating of 75 or higher using EPA's energy performance rating system.
- ENERGY STAR and the Northwest Energy Efficient Manufactured Housing Program (NEEM) together label manufactured homes that are approved as energy efficient by the Oregon Department of Energy, based on design review and plant inspections. Features of labeled homes include properly installed insulation, high-performance windows and doors, and improved ventilation and heating.
- The Oregon Convention Center—the largest convention center in the Pacific Northwest—replaced 28 old hot food holding cabinets with 30 ENERGY STAR qualified units. The new cabinets will save the Center \$12,000 annually, while adding to the facility's food service capacity.
- Energy Trust of Oregon sponsors the Home Performance with ENERGY STAR program to help homeowners improve the efficiency of their older homes. The Trust provides financial support through cash back, loan financing, and tax credit assistance.

Examples of ENERGY STAR Partners Protecting the Environment

Energy Trust of Oregon, Inc.

"Oregon has been recognized for an innovative program that saves restaurants and foodservice operators energy and money. Energy Trust of Oregon, Inc., received a Certificate of Recognition for a comprehensive program to promote ENERGY STAR qualified commercial food service equipment. The first stage of this program has already saved participants \$760,000 in total energy costs."

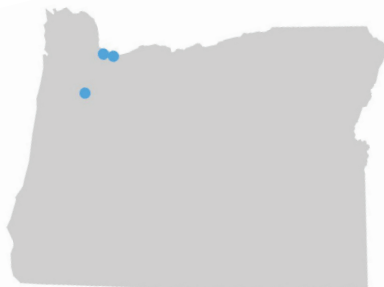
- Jan Schaeffer, Communications and Marketing Director

- Provides cash incentives for purchasing ENERGY STAR qualified equipment, including electric hot food cabinets, electric steamers, freezers, gas fryers, ice makers, and refrigerators. In 2006, Energy Trust paid more than \$50,000 in incentives to program participants.
- Has installed about 1,900 high-efficiency pre-rinse sprayers free of charge to restaurants and foodservice operators. High efficiency sprayers use 50% less energy than typical sprayers, saving about \$400 per year.
- Offers incentives of up to \$15,000 for design projects that achieve an ENERGY STAR target rating of 75 or higher using EPA's energy performance rating system.

Recent ENERGY STAR Partner of the Year Award Winner

- Gresham-Barlow School District

For more information on this Partner of the Year, go to www.energystar.gov



A Sample of ENERGY STAR Labeled Buildings in Oregon

- 1001 Fifth Avenue, Portland
- 147th & Sunnyside, Clackamas
- 911 Federal Building, Portland
- Beaverton Portland Courtyard, Beaverton
- Clear Creek Middle School, Gresham
- Deep Creek Elementary School, Boring
- East Gresham Elementary School, Gresham
- East Orient Elementary School, Gresham
- Gordon Russell Middle School, Gresham
- Greenway & Hall, Beaverton
- Gresham High School, Gresham
- Hogan Cedars Elementary School, Gresham
- HSBC North America—Building A, Tigard
- Mark Hatfield Courthouse, Portland
- NCSA—Seaside Clinic, Seaside
- NCSA—Seaside Hospital, Seaside
- Nike, Inc., Various Cities
- Portland Downtown Marriott, Portland

Key ENERGY STAR Partners Transforming the Residential Market

- 166 Oregon companies are building ENERGY STAR qualified homes; 13 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Oregon are D.R. Horton, Palmer Homes, Tom Walsh and Company, Sun Forest Construction, and Fieldcrest Investments, LLC.
- The most active manufactured home builders are Palm Harbor Homes, Marlette, Fleetwood Homes of Oregon, Fuqua Homes, Champion Homes of Oregon, CMH Manufacturing, Fleetwood Homes of Washington, Inc., Karsten Homes of Oregon, Skyline Corporation, and Homebuilders Northwest, Inc.
- Oregon Department of Energy, Performance Energy Rating Systems, LLC, Earth Advantage, Inc., Energy Trust of Oregon, and NW Natural are actively promoting ENERGY STAR qualified homes.
- Oregon contractors participate in Home Performance with ENERGY STAR, which offers a comprehensive, whole-house approach to improving energy efficiency and comfort at home, while helping to protect the environment.

Gresham-Barlow School District

- Saved \$1 million in utility costs, equivalent to salaries for 20 teaching positions, in the 2004-05 school year.
- Earned the ENERGY STAR for 12 of its schools and was the first school district in the nation to achieve a 30-point improvement in energy performance.
- Has developed a successful model for achieving buy-in from the district executives to the principals and onsite staff, creating an environment where students, teachers, and staff work together to save energy.
- Automatically sees the impact of its efficiency program on the ratings for its buildings by using EPA's new automated energy performance rating feature.

Salem-Keizer School District

"ENERGY STAR provides us with a recognizable, credible standard for reference and encouragement. Portfolio Manager and the various financial reporting tools available online help me share meaningful information with my administrators and our public."

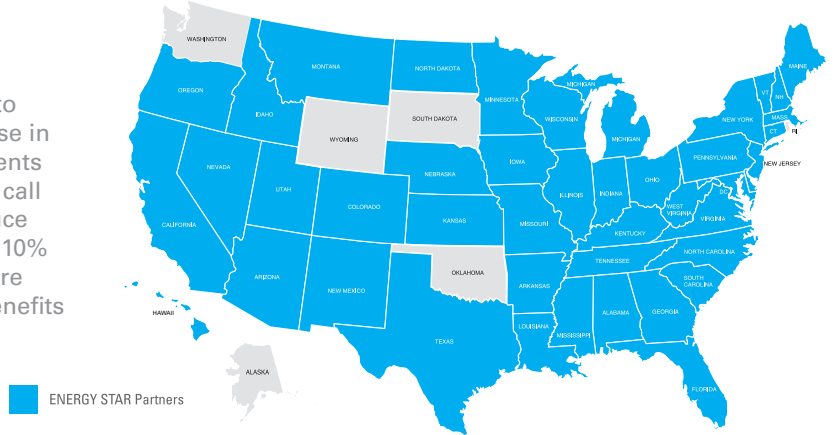
- David Furr, Utility Coordinator

- Replaced metal halide lighting with occupancy-controlled T5HO fluorescents in 55 school gyms and common areas, resulting in a 30 to 50% reduction in electricity use.
- Increased insulation in attics or roofs and upgraded domestic hot water systems at 17 sites.
- Worked with utility providers to collect interval meter data to assist staff in their efforts to improve operational efficiencies at 12 sites.
- Offers a Watt-Watcher program at all schools to provide fun, grade-appropriate activities and programs to build student and staff awareness of resource use.

How States are Working with ENERGY STAR

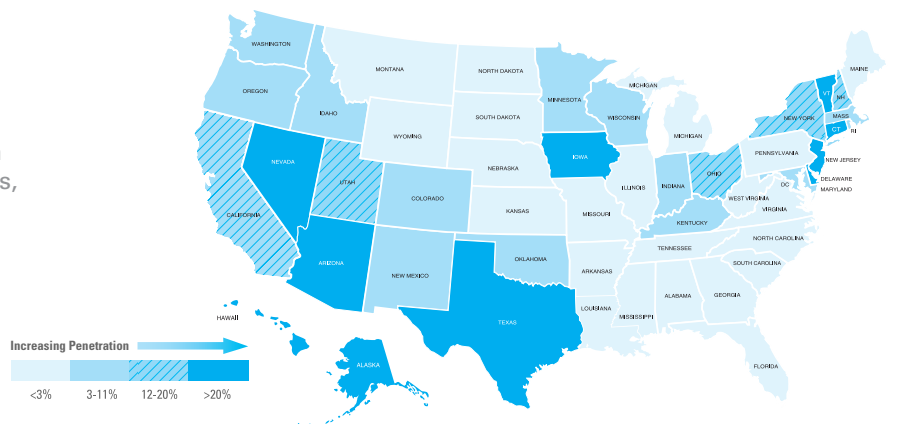
ENERGY STAR State Partners

More than 40 states are leveraging ENERGY STAR to improve energy efficiency and reduce the energy use in their states. For example, almost 30 state governments are participating in the ENERGY STAR Challenge, a call to action for building owners and operators to reduce energy use across their entire building portfolio by 10% or more. These and other efforts by state partners are helping to bring the financial and environmental benefits of energy efficiency to their states.



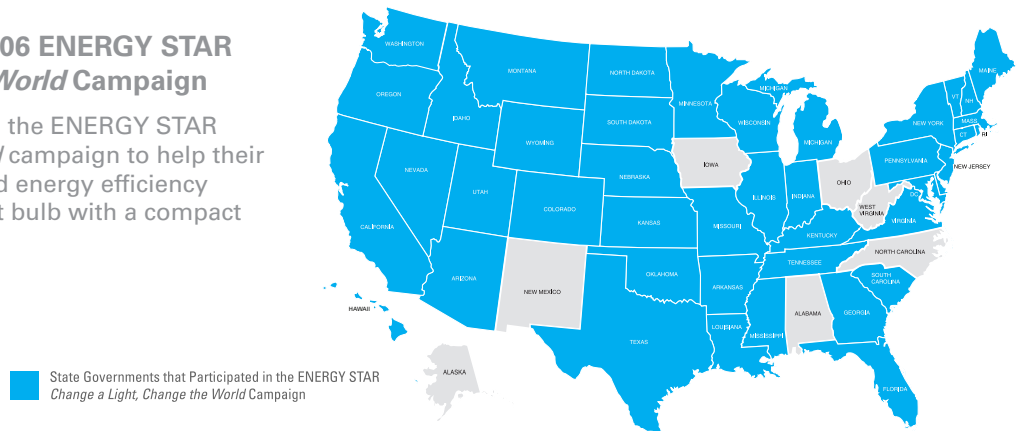
ENERGY STAR Qualified New Homes Gaining Market Share

More than one in 10 new homes built in the United States earns the ENERGY STAR, but in 10 states and more than 20 metropolitan areas, market penetration is greater than 20%.



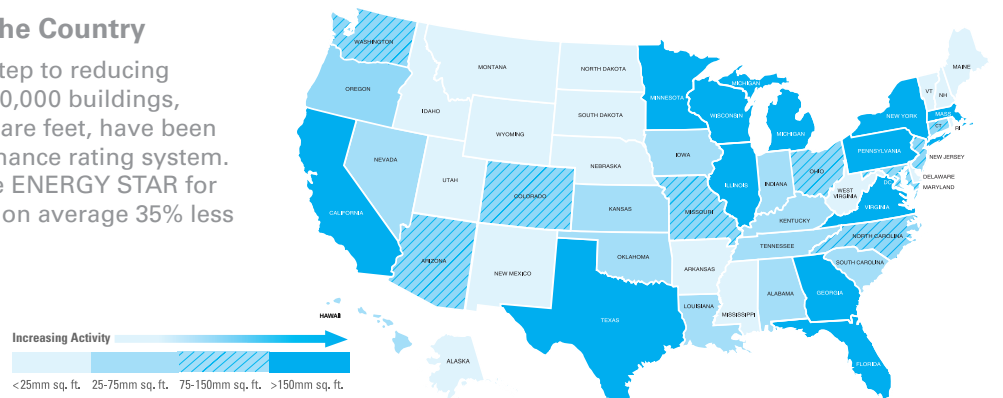
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

State governments are promoting the ENERGY STAR *Change a Light, Change the World* campaign to help their residents take the first step toward energy efficiency by replacing an incandescent light bulb with a compact fluorescent light bulb (CFL).



Benchmarking Activity Across the Country

Benchmarking is an important first step to reducing a building's energy use. More than 30,000 buildings, representing more than 5 billion square feet, have been assessed using EPA's energy performance rating system. Of those, about 10% have earned the ENERGY STAR for superior energy performance, using on average 35% less energy relative to typical buildings.





ENERGY STAR

Since its inception by the U.S. Environmental Protection Agency (EPA) in 1992, ENERGY STAR has helped individuals and organizations across the country adopt cost-effective, energy-efficient technologies and practices, better manage their energy costs, and help protect our environment. More than 9,000 organizations have partnered with ENERGY STAR to bring energy efficiency to their customers, the public, and themselves; and the results are adding up. Americans have purchased more than 2 billion ENERGY STAR qualified products, and thousands of companies have used EPA's guidelines to manage their energy more strategically. In 2006 alone, Americans, with the help of ENERGY STAR, prevented 37 million metric tons of greenhouse gas emissions—equivalent to eliminating the emissions from 25 million vehicles—and saved about \$14 billion on their utility bills, all while helping to grow the economy.

ENERGY STAR for Consumers

Whether consumers are looking to replace old appliances, remodel their homes, buy a new house, or get the most from the equipment they have, ENERGY STAR can help. ENERGY STAR is the government-backed symbol for energy efficiency, providing credible and objective information on which consumers can rely to make well-informed decisions. The U.S. Department of Energy (DOE) has partnered with EPA since 1996 to bring ENERGY STAR qualified products to consumers. By choosing ENERGY STAR, consumers can save up to 30% on their energy bills—about \$600 a year—and enjoy the quality, performance, and comfort they expect.

Consumers can find the ENERGY STAR label on over 44,000 individual product models across more than 50 product categories, including appliances, home electronics, office equipment, heating and cooling equipment, lighting, and more. These products use up to 90% less energy compared to standard models. New homes can also earn the ENERGY STAR, and the Home Performance with ENERGY STAR program helps homeowners retrofit their existing homes for improved energy efficiency.

ENERGY STAR for Businesses and Organizations

Many businesses and organizations can save up to 30% on energy bills through improved energy management practices and building upgrades. EPA offers its ENERGY STAR partners—those organizations that have committed to energy efficiency improvements—a host of tools and guidance, including proven energy management strategies and standardized management tools to help them achieve their goals.

EPA encourages all organizations to assess the energy performance of their buildings, set goals for improvement, and track their progress through its ENERGY STAR Challenge. And EPA offers a national energy performance rating system for buildings (providing building-level energy efficiency scores on a scale from 1 to 100) to help them do this. More than 30,000 buildings have been assessed, thousands of buildings have been improved, and more than 3,200 buildings (and 20 industrial facilities) have earned the ENERGY STAR. The ENERGY STAR buildings offer excellent real-life examples for others, using 35% less energy compared to typical buildings—and about 400 of them use 50% less energy.

For more information about ENERGY STAR, please visit www.energystar.gov.