



Alaska



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

Benefits

- Alaska businesses and residents will save more than \$200 million through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Alaska already made through ENERGY STAR will prevent the emissions of 700,000 metric tons of greenhouse gases, equivalent to eliminating the emissions from 460,000 vehicles.
- If Alaska organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- Alaska is home to 22 companies and public entities participating in ENERGY STAR, about 15% of which are small businesses. Others include:
 - 1 school district
 - 1 manufacturer of ENERGY STAR qualified products
 - 17 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 40 locations across the state.
- About 11,400 Alaska homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 110 buildings (almost 12 million square feet) in Alaska have been rated for energy efficiency using EPA's energy performance rating system.
- 1 hospital has earned the ENERGY STAR for superior efficiency.
- The Alaska Housing Finance Corporation has used its home energy rating software, AkWarm, to qualify more than 10,000 ENERGY STAR homes.
- R-Valued Homes Ltd. and REINA Properties have committed to building 100% of their homes ENERGY STAR qualified.

Alaska ENERGY STAR Partners Protecting the Environment

Alaska Organizations Partnering with ENERGY STAR

- Active Energy Inspections
- Alaska Engineering and Energy Consultant
- Alaska Housing Finance Corporation
- Duszynski & Associates
- Energy Conservation Services - Alaska
- Friend Contractors
- Green Star
- Hall Quality Builders, Inc.
- Heat Loss Analysis, Inc.
- Hoffer Glass Company, Inc.
- KUHL Inspection
- Matanuska-Susitna Borough School District
- R-Valued Homes, Ltd.
- REINA Properties
- Spinell Homes
- Ted Veal & Company
- Ti-Le-An Management
- University of Alaska, Anchorage
- Wisdom & Associates, Inc./Jennifer Moss

Key ENERGY STAR Partners Transforming the Residential Market

- As a percentage of single-family, site-built housing starts, market penetration in Alaska for ENERGY STAR new homes is greater than 20% (national average is 12%).
- 15 Alaska companies are building ENERGY STAR qualified homes; 2 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Alaska are Hall Quality Builders, Inc., Spinell Homes, and R-Valued Homes Ltd.
- The most active manufactured home builder is Moduline Industries.
- Alaska Housing Finance Corporation, Active Energy Inspections, and Energy Rated Homes-West are actively promoting ENERGY STAR qualified homes.



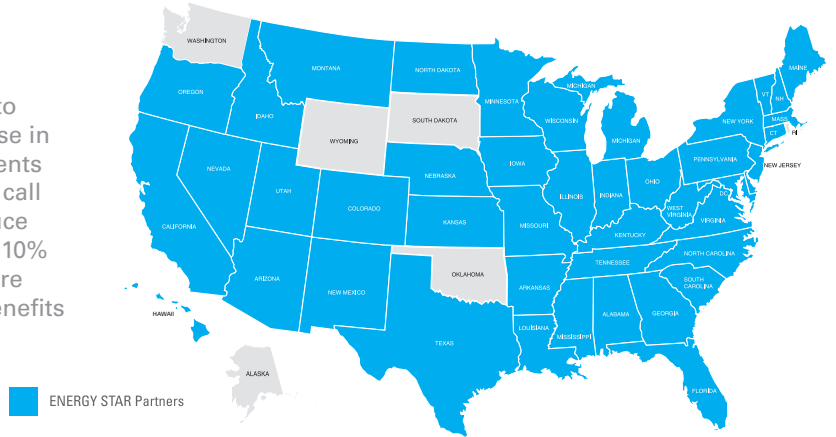
ENERGY STAR Labeled Buildings in Alaska

- Elmendorf Air Force Base, Department of Defense/ Veterans Affairs Joint Venture Hospital, Elmendorf

How States are Working with ENERGY STAR

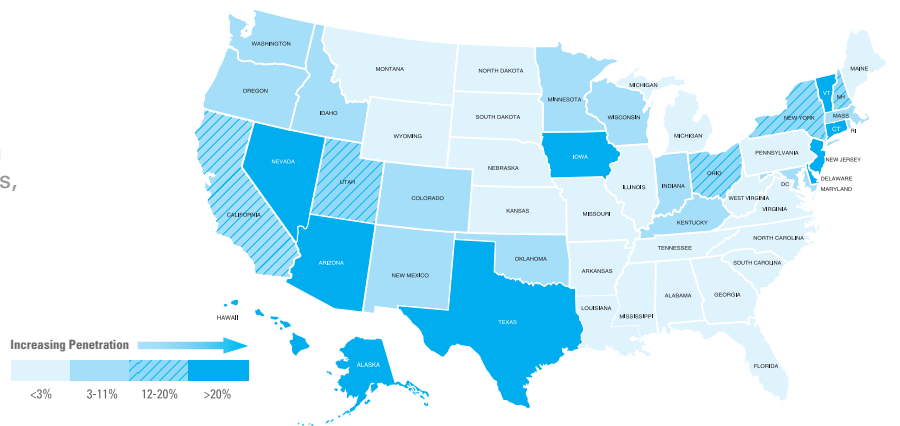
ENERGY STAR State Partners

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.



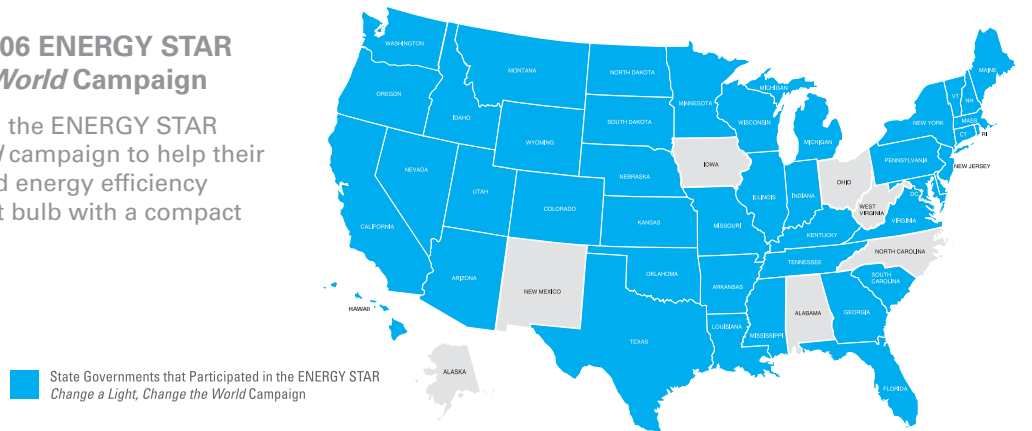
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



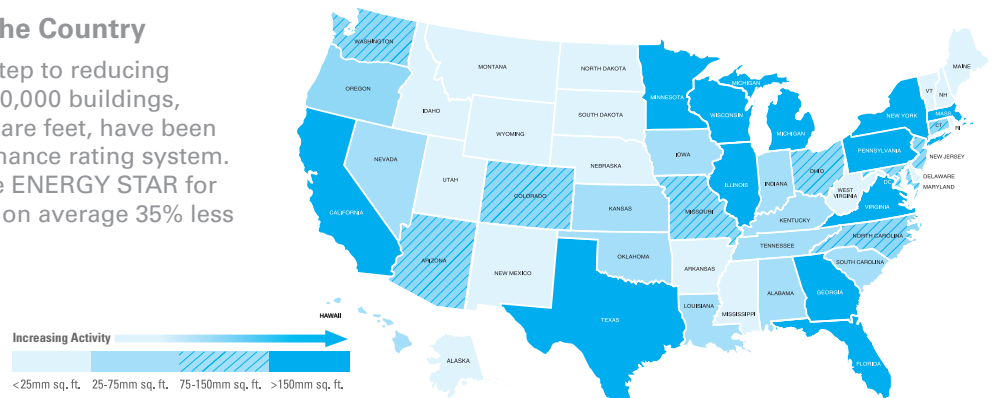
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.