



Vermont



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

Benefits

- Vermont businesses and residents will save more than \$200 million through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Vermont already made through ENERGY STAR will prevent the emissions of 600,000 metric tons of greenhouse gases, equivalent to eliminating the emissions from 400,000 vehicles.
- If Vermont organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- Vermont is home to 58 companies and public entities participating in ENERGY STAR, about 15% of which are small businesses. Others include:
 - 2 local governments
 - 4 manufacturers of ENERGY STAR qualified products
 - 23 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 220 locations across the state.
- About 4,600 Vermont homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 120 buildings (over 8 million square feet) in Vermont have been rated for energy efficiency using EPA's energy performance rating system.
- 9 buildings have earned the ENERGY STAR for superior efficiency, including 8 supermarkets and 1 office building.
- Vermont is leading the way in energy efficiency by participating in the ENERGY STAR Challenge to improve the efficiency of its buildings by 10% or more, and by bringing efficiency to its residents through the ENERGY STAR *Change a Light, Change the World* campaign.
- As a result of investments in energy efficiency made since 2000, Vermont is now using 5% less energy than the state otherwise would have used. In addition, Vermont businesses that participated in efficiency services realized an almost 50% return on their efficiency investments.
- Executive Order 14-03 requires state agencies to purchase only ENERGY STAR or comparable products and to use them in a manner that maximizes their energy efficiency potential.
- Fitzgerald Godbout Custom Homes, Inc., Highlands Construction, LLC, and Whittaker Real Estate, Inc. have committed to making 100% of their new homes in Vermont ENERGY STAR qualified.

Examples of ENERGY STAR Partners Protecting the Environment

Efficiency Vermont

- Worked with Vermont builders to complete more than 800 ENERGY STAR qualified homes in 2006.
- Helped promote sales of over 250,000 ENERGY STAR qualified lighting products in 2006.
- Committed to informing Vermont homeowners and building contractors about the value of Home Performance with ENERGY STAR.
- Has already sponsored 4, 8-day contractor training sessions on Home Performance with ENERGY STAR, which resulted in 18 whole-house service contractor certifications.

Village of Poultney

- Center for a community-wide lighting change-out in support of the ENERGY STAR *Change a Light, Change the World* campaign.
- Hung banners, ran radio ads, and distributed coupons for ENERGY STAR qualified compact fluorescent light bulbs (CFLs) in partnership with Efficiency Vermont, Green Mountain College, and Williams Hardware.

ENERGY STAR Labeled Buildings in Vermont

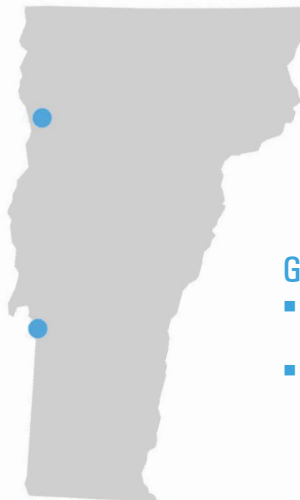
- Hannaford Bros. Co., various supermarkets
- Shaw's Supermarkets, Colchester and Williston
- Federal Building, St. Albans

Key ENERGY STAR Partners Transforming the Residential Market

- As a percentage of single-family, site-built housing starts, market penetration in Vermont for ENERGY STAR new homes is greater than 20% (national average is 12%).
- 21 Vermont companies are building ENERGY STAR qualified homes; 3 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Vermont are Homestead Design, Inc., Yandow Dousevicz Construction Corp., Inc., Sheppard Custom Homes, Smugglers Notch Corporation, John A. Russell Corporation, and Bickford Construction Corporation.
- The most active manufactured home builders are Marlette Homes and Champion Homes.
- Vermont Energy Investment Corporation, Efficiency Vermont, and Vermont Gas Systems, Inc. are actively promoting ENERGY STAR qualified homes.
- Vermont 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.

Green Mountain College

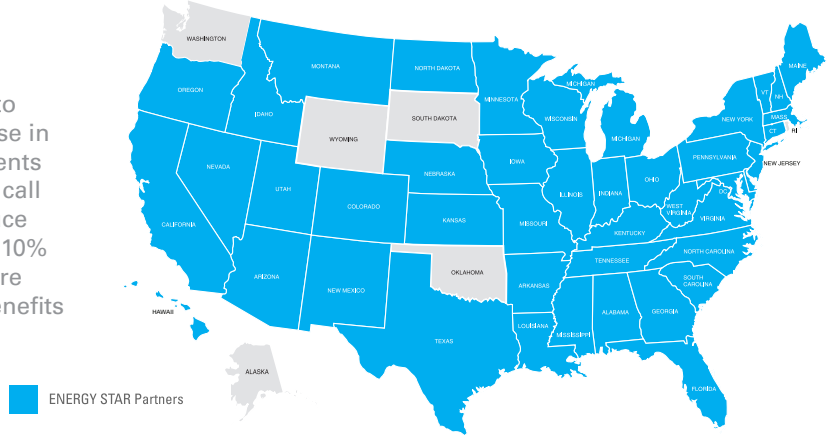
- Designated the first ENERGY STAR Showcase Campus in 1999.
- Received a National Campaign Award from EPA in 2004 for its participation in the National ENERGY STAR *Change A Light, Change the World* campaign in partnership with Efficiency Vermont.
- Receives more than half of its electricity from Cow Power, or methane from cow manure, supplied by Central Vermont Public Service.
- Cow Power initiative will reduce the college's carbon emissions by approximately 3,500 metric tons per year, equivalent to eliminating the emissions from 750 vehicles.
- Enrolled in EPA's Green Power Partnership program.



How States are Working with ENERGY STAR

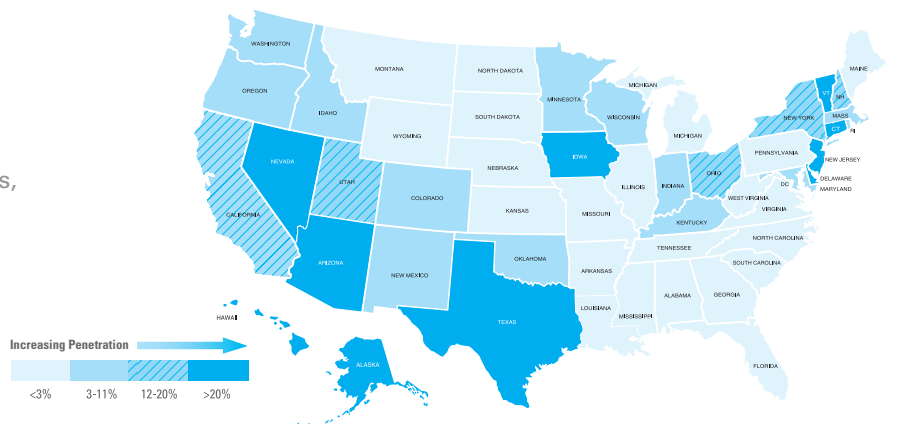
ENERGY STAR State Partners

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.



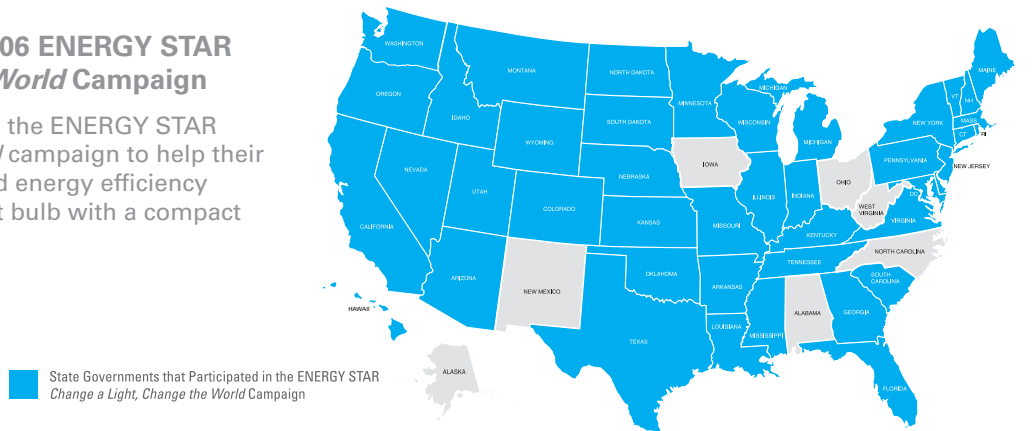
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



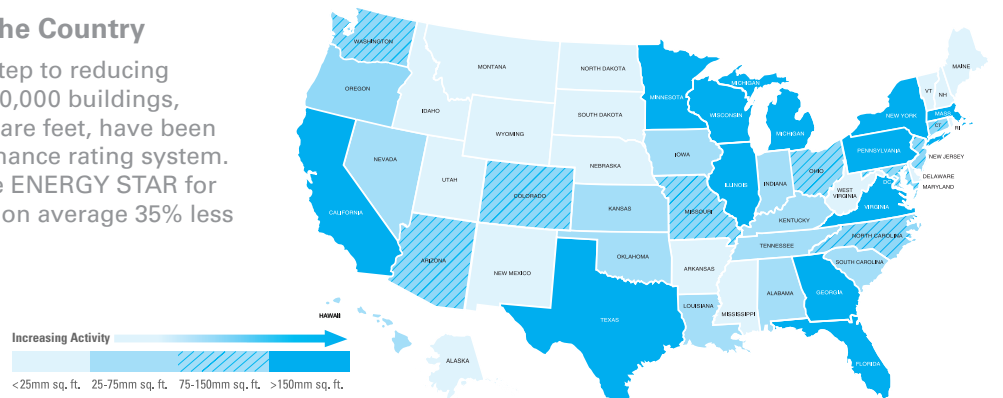
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.