



Massachusetts



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

Benefits

- Massachusetts businesses and residents will save more than \$3 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Massachusetts already made through ENERGY STAR will prevent the emissions of 9 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 6 million vehicles.
- If Massachusetts organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 3-fold.

Highlights

- Massachusetts is home to more than 260 companies and public entities participating in ENERGY STAR, about 10% of which are small businesses. Others include:
 - 5 local governments and 4 school districts
 - 38 manufacturers of ENERGY STAR qualified products
 - 93 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 870 locations across the commonwealth.
- About 12,000 Massachusetts homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 900 buildings (over 190 million square feet) in Massachusetts have been rated for energy efficiency using EPA's energy performance rating system.
- 86 buildings have earned the ENERGY STAR for superior efficiency, including 32 schools, 5 supermarkets, 16 hotels, 1 hospital, and 32 office buildings.
- Massachusetts is bringing energy efficiency to its residents by participating in the ENERGY STAR *Change a Light, Change the World* campaign.
- In an effort to reduce the commonwealth's energy consumption by the year 2015, all state agencies are required to purchase ENERGY STAR qualified office equipment.
- The Home Energy Efficient Heating Credit may be claimed by taxpayers for the net amount of the purchase and installation of energy-efficient home heating systems, specifically ENERGY STAR products.
- The Renewable Energy Trust, a division of the Massachusetts Technology Collaborative (MTC), has established a partnership with the Massachusetts ENERGY STAR for Homes program. MTC provides rebates for eligible renewable energy installations for affordable and market-rate ENERGY STAR qualified homes.
- MassSAVE is a public/private partnership that offers incentives to improve the energy efficiency of homes by using ENERGY STAR qualified windows and programmable thermostats.
- Cambridge Savings Bank and Saunders Hotel Group have been recognized as ENERGY STAR Leaders, for improving the efficiency of their building portfolios by 10% or more.

Examples of ENERGY STAR Partners Protecting the Environment

Raytheon Company

"Our ENERGY STAR Partnership with EPA is helping our company demonstrate an enterprise-wide commitment to environmental stewardship. The tools and resources available from ENERGY STAR support our efforts to promote energy conservation amongst employees, share best practices, and benchmark energy performance against other organizations."

- David Chamberlain, Principal Energy Engineer and ENERGY STAR Program Manager

- Launched a company-wide initiative entitled Energy Conservation for a Competitive Advantage, whereby the CEO established a 15% electricity reduction goal in 2007.
- Announced a company-wide greenhouse gas reduction goal of 33% per dollar of revenue by 2009.
- Saved \$9 million in energy costs in 2006 alone, enough electricity to power 8,000 U.S. homes.
- Avoided 116 million pounds of greenhouse gas emissions, equivalent to removing the emissions from 10,000 vehicles.
- Developed a multi-media internal communications campaign to raise energy awareness among employees and contractors.

OSRAM SYLVANIA

- Has the highest percentage of ENERGY STAR qualified compact fluorescent light bulbs of any major manufacturer.
- Continues to support ENERGY STAR programs and partner promotions, including key efforts in the 2006 ENERGY STAR *Change a Light, Change the World* campaign.
- Successfully executes media campaigns, public relations events, extensive community outreach, and promotional partnerships with retailers and energy efficiency program sponsors in every part of the country.

Worcester East Side Community Development Corporation

- Qualifies 100% of its new affordable housing as ENERGY STAR, installing only ENERGY STAR qualified appliances in new and existing housing.
- Educates residents on using the energy-efficient features of their homes.
- Working with other organizations to encourage replication of these efforts.

Key ENERGY STAR Partners Transforming the Residential Market

- 88 companies are building ENERGY STAR qualified homes; 17 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Massachusetts are The Green Company, Thorndike Development, Cape Southport Associates, LLC, New Atlantic Development Corp., Bristol Pacific Homes, Northwind Partners, LLC, Reef Realty Ltd., Gallo Builders, Inc., and Kentco Development, Inc.
- The most active manufactured home builders are Marlette Homes Lewistown and Champion Homes.
- Conservation Services Group, the Center for Ecological Technology, HORIZON - Residential Energy Services LLC, NSTAR Electric, KeySpan Energy Delivery, and National Grid, USA are actively promoting ENERGY STAR qualified homes.
- Massachusetts 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.

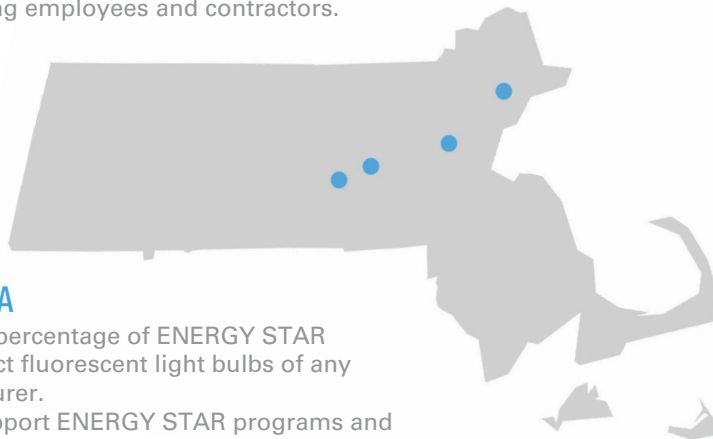
National Grid

- With National Grid's leadership, more than 1,100 home improvement retrofits have occurred under the Home Performance with ENERGY STAR banner, totaling \$3 million in homeowner investments in energy efficiency.
- Estimated savings from these retrofits are projected to be close to 50,000 MMBTUs.
- Success in Home Performance with ENERGY STAR is due to a broad energy awareness campaign, targeted mailings, low-interest financing, and strong commitment to customer service.

Recent ENERGY STAR Partner of the Year Winners

- National Grid
- Northeast ENERGY STAR Lighting and Appliance Initiative
- NSTAR Electric & Gas Corporation
- OSRAM SYLVANIA
- Raytheon Company
- Saunders Hotel Group
- Worcester East Side Community Development Corporation

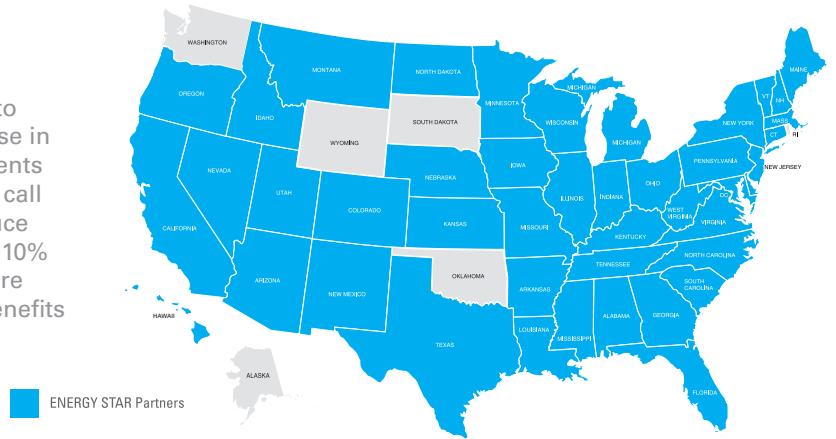
For more information on these Partners of the Year, go to www.energystar.gov



How States are Working with ENERGY STAR

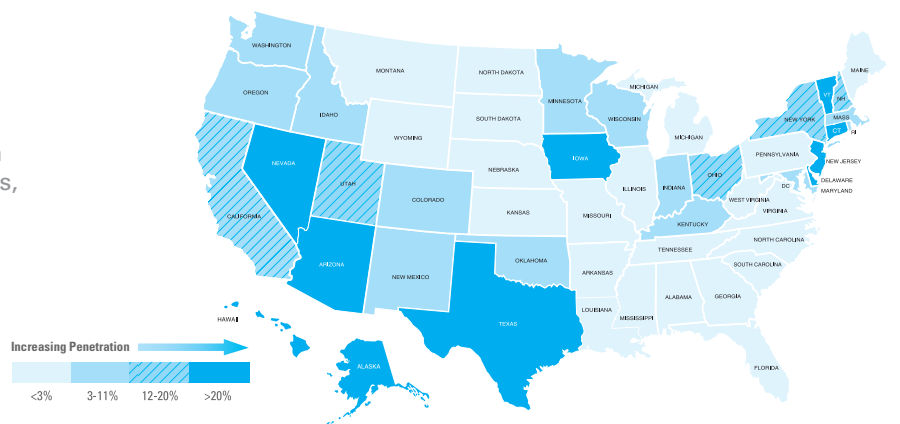
ENERGY STAR State Partners

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.



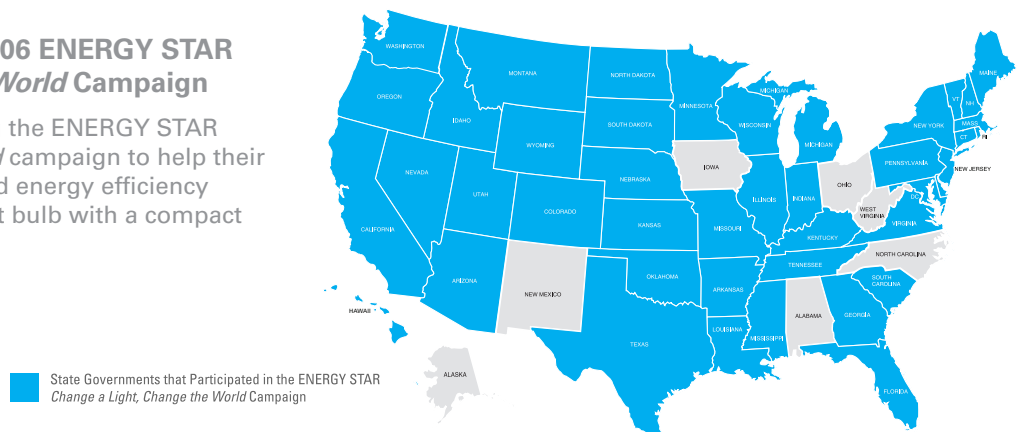
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



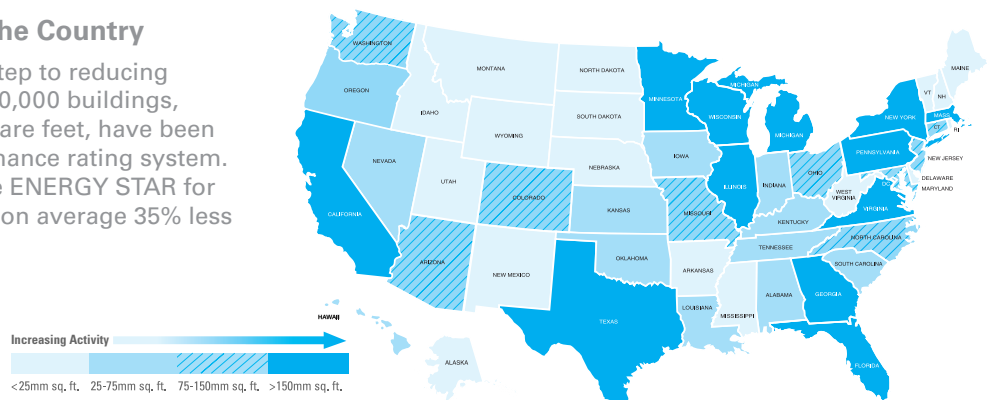
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.