

New Hampshire



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

Benefits

- New Hampshire businesses and residents will save more than \$500 million through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in New Hampshire already made through ENERGY STAR will prevent the emissions of 1.5 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 1 million vehicles.
- If New Hampshire organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- New Hampshire is home to 78 companies and public entities participating in ENERGY STAR, about 15% of which are small businesses. Others include:
 - 1 school district
 - 6 manufacturers of ENERGY STAR qualified products
 - 48 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 290 locations across the state.
- About 2,000 New Hampshire homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 200 buildings (over 14 million square feet) in New Hampshire have been rated for energy efficiency using EPA's energy performance rating system.
- 10 buildings have earned the ENERGY STAR for superior efficiency, including 7 dormitories, 1 supermarket, and 2 office buildings.
- New Hampshire 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.
- In 2005, the Governor of New Hampshire signed EO 2005-4, formalizing a commitment to energy efficiency by requiring the state's participation in the ENERGY STAR Challenge and encouraging the purchase of ENERGY STAR qualified products.
- The New Hampshire ENERGY STAR homes program encourages customers to take advantage of the benefits of building a new (or complete renovation of an existing) single or multi-family energy-efficient home with incentives up to \$3,000.
- The City of Manchester saves nearly \$100,000 a year, having replaced more than 3,300 traffic lights with ENERGY STAR qualified light emitting diode (LED) traffic lamps, which use 80 to 90% less energy.

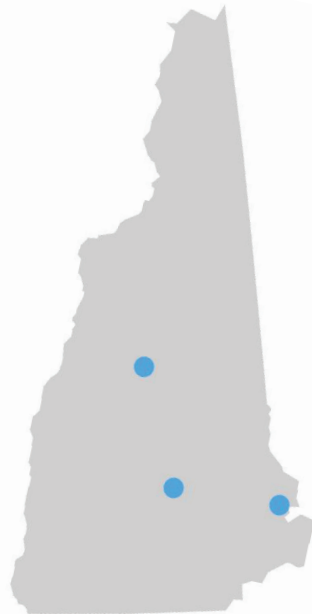
Examples of ENERGY STAR Partners Protecting the Environment

Department of Justice Office Building

- Uses 37% less energy, saving New Hampshire taxpayers more than \$24,000 in annual energy costs. The avoided greenhouse gas emissions are equivalent to those from about 200 vehicles.
- Renovated as part of the Building Energy Conservation Initiative and earned the ENERGY STAR for superior energy performance.
- Upgrades included new lighting, lighting controls, and energy-efficient water pumps and air conditioners.

University of New Hampshire (UNH)

- The first three residence halls in the country to earn the ENERGY STAR are located on the UNH campus in Durham.
- The 8 labeled buildings on the UNH Durham campus prevent greenhouse gas emissions equivalent to the annual emissions from 230 vehicles, while saving UNH more than \$180,000 per year in energy costs.
- The UNH WildCAP program created a virtual energy-efficient dorm room, which is an interactive tool that provides information about ENERGY STAR qualified products.



New Hampshire Electric Cooperative, Inc.

- Provides financing options to New Hampshire residents for the purchase of energy-efficient products, including ENERGY STAR qualified lighting, through its SmartSTART (Savings Through Affordable Retrofit Technologies) Program.

Key ENERGY STAR Partners

Transforming the Residential Market

- 43 New Hampshire companies are building ENERGY STAR qualified homes; 11 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in New Hampshire are Starter Building & Development LLC, Drakes Appleton Corporation, North Branch Construction, Inc., R J Moreau Communities, LLC, and Chinburg Builders, Inc.
- The most active manufactured home builders are Marlette Homes, Champion Homes, and Burlington Homes of Maine, Inc.
- Conservation Services Group, HORIZON - Residential Energy Services LLC, Home Energy Ratings of New England, Public Service Company of New Hampshire, Unital Corporation, and National Grid, USA are actively promoting ENERGY STAR qualified homes.

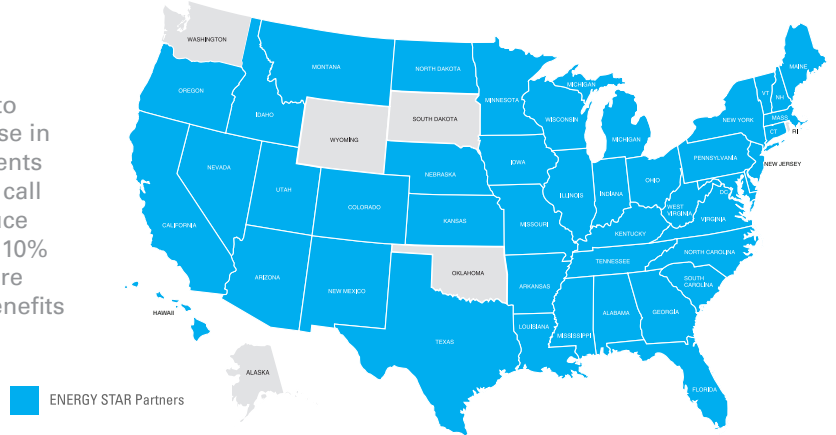
ENERGY STAR Labeled Buildings in New Hampshire

- Congreve Hall-UNH, Durham
- Department of Justice, Concord
- Hitchcock/Randall Hall-UNH, Durham
- Jessie Doe-UNH, Durham
- Lord Hall-UNH, Durham
- McLaughlin Hall-UNH, Durham
- Sawyer Hall-UNH, Durham
- Shaw's Supermarket, Concord
- Taylor Hall-UNH, Durham
- Woodsides PQR-UNH, Durham

How States are Working with ENERGY STAR

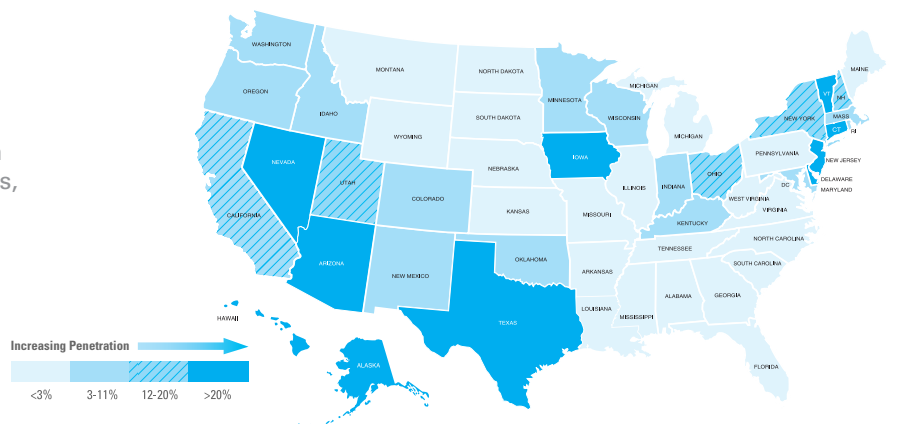
ENERGY STAR State Partners

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.



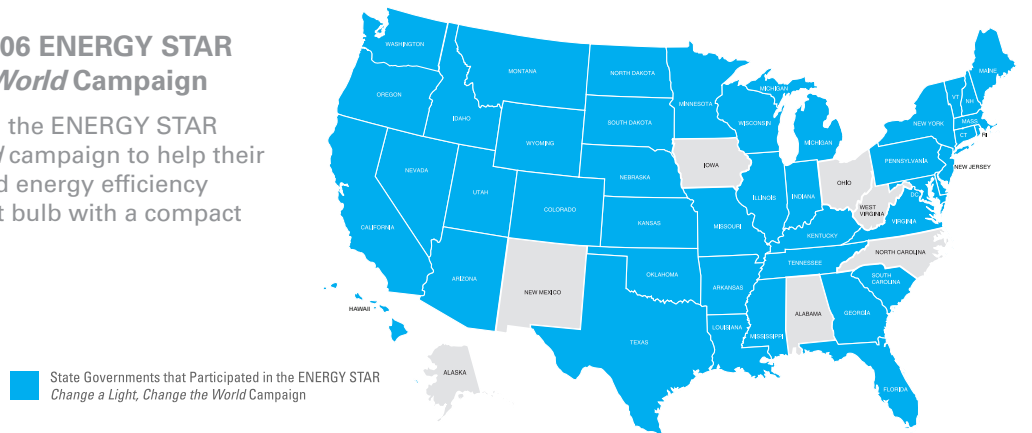
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



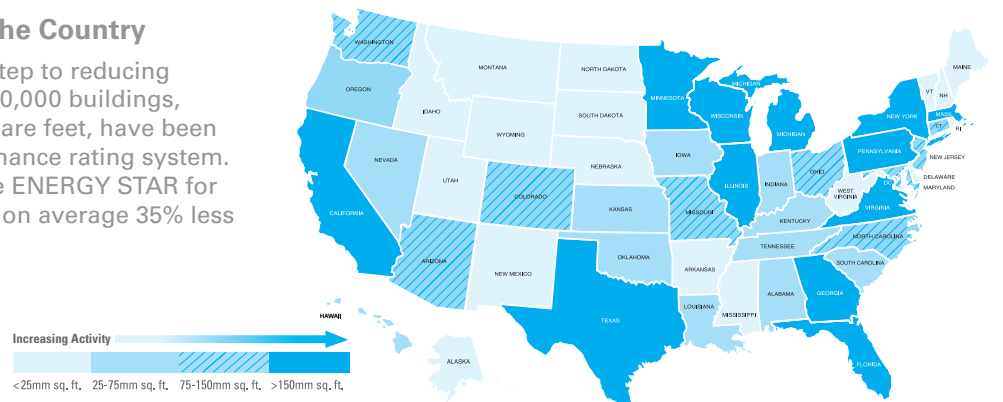
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.