



# Maine



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

### Benefits

- Maine businesses and residents will save more than \$400 million through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Maine already made through ENERGY STAR will prevent the emissions of 1 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 750,000 vehicles.
- If Maine organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 5-fold.

### Highlights

- Maine is home to more than 60 companies and public entities participating in ENERGY STAR, about 25% of which are small businesses. Others include:
  - 8 manufacturers of ENERGY STAR qualified products
  - 1 congregation
  - 24 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 210 locations across the state.
- About 300 Maine homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 100 buildings (over 11 million square feet) in Maine have been rated for energy efficiency using EPA's energy performance rating system.
- 13 buildings have earned the ENERGY STAR for superior efficiency, including 11 supermarkets, 1 school, and 1 office building.
- Maine 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.
- Maine requires all new residential rental properties to use ENERGY STAR qualified appliances when available. Existing residential rental properties must meet this requirement by 2010.
- The Maine Department of Environmental Protection (DEP) actively promotes the use of ENERGY STAR qualified products and appliances on its Web site as a way to reduce pollution and lower utility bills.
- The Maine State Housing Authority's Home Energy Loan Program (HELP) has set aside \$7 million for loans to consumers making residential energy efficiency improvements, including the installation of ENERGY STAR qualified windows and appliances.
- The Maine Bureau of General Services purchases ENERGY STAR qualified appliances and office equipment for its departments.

# Examples of ENERGY STAR Partners Protecting the Environment

## Efficiency Maine

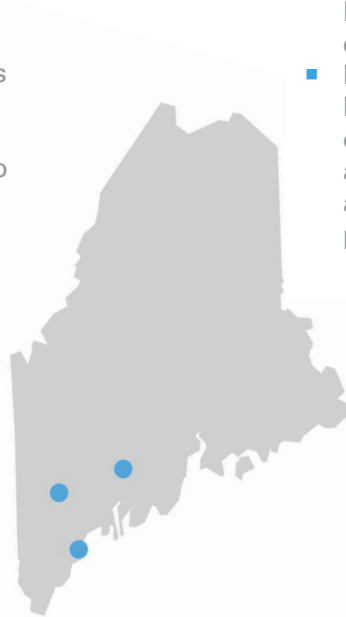
*"The training provided by Efficiency Maine has been excellent...and that's really helped us to be successful with the [Residential Lighting] program in our stores."*

- Jeff Aubuchon, Owner, Aubuchon Hardware

*"... soon we were adding a wider variety of bulbs for consumers to use in recessed lighting, flood light fixtures, and 3-way varieties. We added selections in larger quantities because the consumers were requesting it...We are proud to be participating in a [Residential Lighting] program that benefits us all."*

- Andrea Drillen, Drillen True Value

- Helped consumers and businesses save 39,000 MWh and 35.8 MW of energy in 2006.
- Achieved annual household cost savings of \$5.3 million.
- Has sold over 1 million ENERGY STAR compact fluorescent light bulbs (CFLs) to date.
- Along with the Governor's office, sponsored "Save a Watt. The 10% Challenge," which encouraged the use of ENERGY STAR qualified CFLs. Customers who lowered their electric bills by 10% or more were entered in a drawing for a \$1,000 rebate on ENERGY STAR appliances.



## Hannaford Supermarkets

- Recognized as an ENERGY STAR Leader for improving the efficiency of its entire building portfolio by more than 10%.
- One of the first U.S. supermarket companies to establish a corporate focus on energy management. Its portfolio-wide energy performance rating is over 75.
- Efficiency efforts have focused on lighting, refrigeration, HVAC, and control systems, resulting in a significant reduction in electricity and fuel usage.
- In particular, cold weather energy use is minimized in Hannaford stores through efficient control of refrigeration systems and the optimal use of reclaimed heat to displace fossil fuels for space heating.

## Key ENERGY STAR Partners Transforming the Residential Market

- 23 Maine 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 Maine are Global Property Developers Corporation, Murphy's Cell-Tech, and Taggart Construction Co. Inc.
- The most active manufactured home builders are Marlette Homes, Champion Homes, and Burlington Homes of Maine, Inc.
- HORIZON - Residential Energy Services, LLC is actively promoting ENERGY STAR qualified homes.
- Maine 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.

## ENERGY STAR Labeled Buildings in Maine

- Hannaford Supermarkets, various locations
- Kennebunk Elementary School, Kennebunk
- Maine Public Utilities Commission (PUC) Building, Augusta

## Burlington Homes of Maine, Inc.

*"We were proud to be the first manufacturer in Maine to be certified for the ENERGY STAR for Homes Program. Our commitment to energy efficiency, quality, and to this program will continue as we build affordable ENERGY STAR qualified homes."*

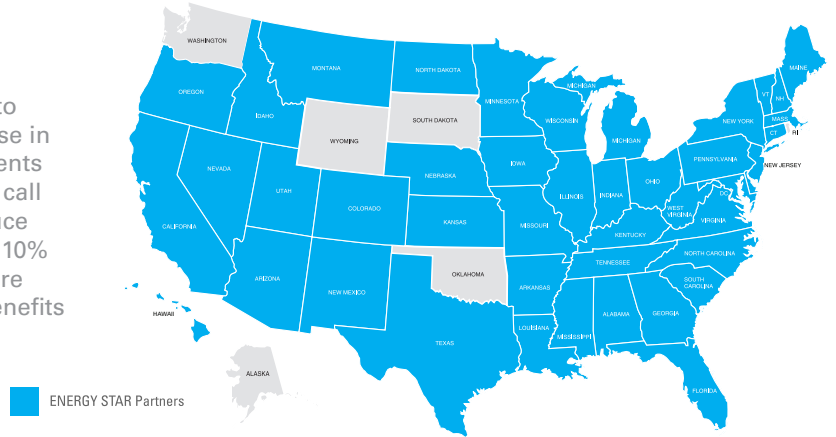
- Tracy Millett, Sales Manager

- Joined ENERGY STAR in 2001, the first manufactured home builder in Maine to do so.
- Has manufactured more than 150 ENERGY STAR qualified homes.
- Works with numerous manufacturers to offer new homeowners ENERGY STAR qualified products such as lighting, appliances, and ceiling fans.

# How States are Working with ENERGY STAR

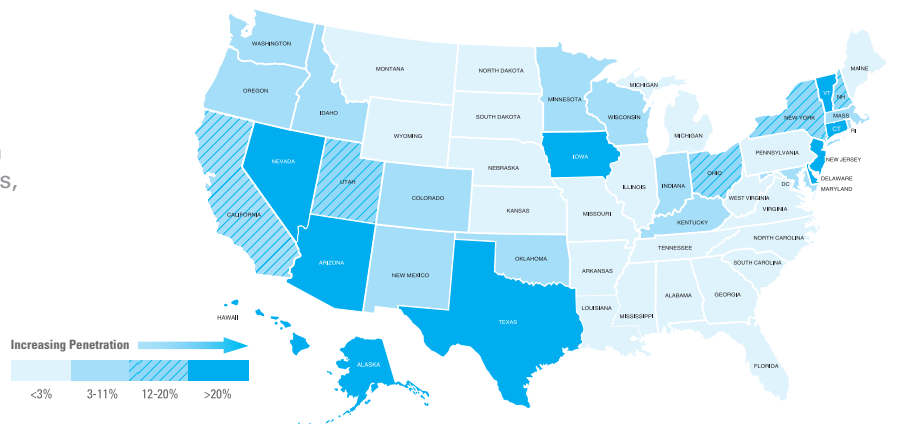
## ENERGY STAR State Partners

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.



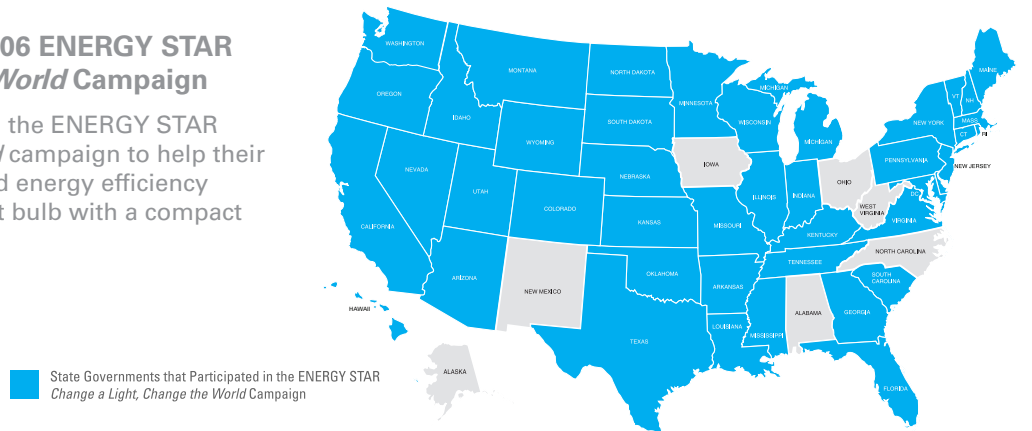
## ENERGY STAR Qualified New Homes Gaining Market Share

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%.



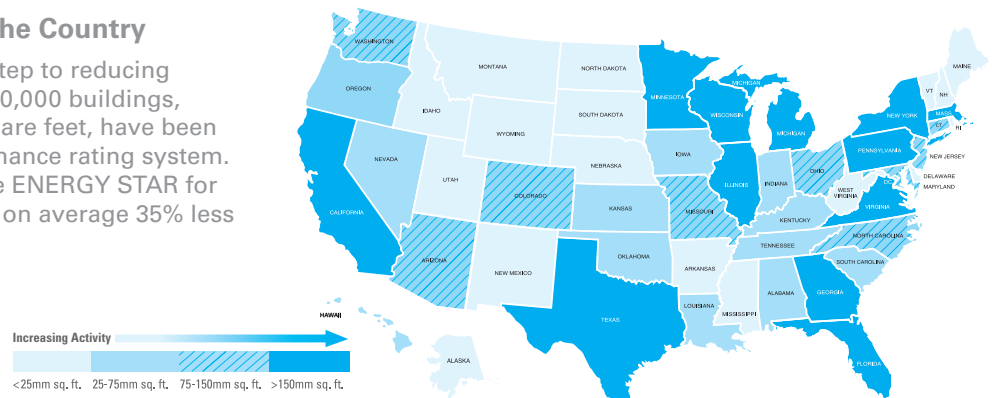
## States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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](http://www.energystar.gov).*