



# Minnesota



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

### Benefits

- Minnesota businesses and residents will save more than \$2 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Minnesota already made through ENERGY STAR will prevent the emissions of 5 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 3.5 million vehicles.
- If Minnesota organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could more than double.

### Highlights

- Minnesota is home to more than 250 companies and public entities participating in ENERGY STAR, about 5% of which are small businesses. Others include:
  - 4 local governments and 30 school districts
  - 30 manufacturers of ENERGY STAR qualified products
  - 87 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 450 locations across the state.
- About 4,000 Minnesota homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 1,000 buildings (over 170 million square feet) in Minnesota have been rated for energy efficiency using EPA's energy performance rating system.
- Some 89 buildings have earned the ENERGY STAR for superior efficiency, including 28 schools, 29 supermarkets, and 32 office buildings. These buildings typically use 35% less energy than average buildings.
- Minnesota 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.
- The Governor announced a goal to have 1,000 ENERGY STAR labeled commercial buildings in Minnesota by 2010 as part of his Next Generation Energy Initiative, which calls for a 15% reduction in greenhouse gas emissions through the expanded use of energy conservation measures and renewable energy.
- Minnesota has more ENERGY STAR Leaders than any other state in the country with 13 school districts recognized for improving the efficiency of their building portfolios by 10% or more.
- Since passage of the Conservation Improvement Program requirement, utilities across the state have invested more than \$90 million in energy conservation measures.
- The cities of Olivia and New Ulm adopted an ENERGY STAR Appliance Rebate program, providing rebates for purchases of ENERGY STAR qualified clothes washers, dishwashers, refrigerators, room air conditioners, and central air conditioners.
- King County purchases ENERGY STAR qualified computers, monitors, printers, copiers, fax machines, and scanners for its government office buildings.

## Examples of ENERGY STAR Partners Protecting the Environment

### 3M

*"The ENERGY STAR program has provided a central source of information about energy management best practices. It provides a valuable network of people who are actively working to improve the energy performance of their companies."*

- Steven Schultz, Corporate Energy Manager

- Saves about \$10 million annually in energy costs.
- Has an average annual energy savings of 7%; in 2006 alone saved 9%.
- Uses ENERGY STAR to assess best practices and align its energy management across the corporation.
- Sponsored an ENERGY STAR *Change a Light, Change the World* drive for its employees.
- Has been recognized three times as an ENERGY STAR Partner of the Year.
- Demonstrates leadership by promoting energy efficiency to other manufacturers and in communities where 3M operates.

### Schools for Energy Efficiency (SEE) Program from Hallberg Engineering, Inc.

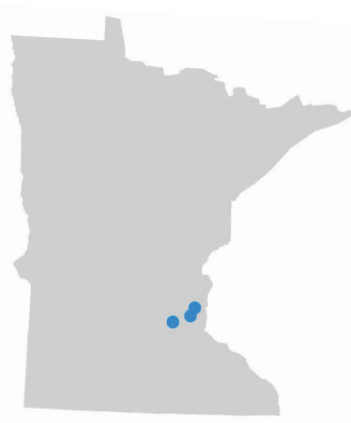
*"Managing energy use and cost is critical for school districts. Now more than ever, improving energy efficiency is a great way for them to reduce expenses and demonstrate a responsibility to their communities. Through our partnership with ENERGY STAR, we see ongoing fiscal and environmental benefits of superior energy management."*

- Joe Hallberg, President

- Comprehensive initiative for K-12 schools to save energy and money by changing behavior. SEE provides a systemized plan, awareness campaigns, training, and utility tracking for immediate and sustainable savings.
- Since the beginning of the SEE program in 2003, nearly 250 Minnesota schools have reduced energy use by an average of 10 to 20% each year, together saving \$6 million in utility expenses.
- Minnesota SEE districts are leading the nation with ENERGY STAR awards. 13 school districts have received ENERGY STAR Leaders recognition for portfolio-wide improvements, and more than 30 schools have earned the ENERGY STAR.

### Key ENERGY STAR Partners Transforming the Residential Market

- 79 companies are building ENERGY STAR qualified homes; 15 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Minnesota are K. Hovnanian Homes, Twin Cities Habitat for Humanity, College City Homes, Centex Homes, Key Land Homes, Christian Builders, Inc., Ryland Homes, Moser Homes, Inc., Lundgren - St. Paul, and Bruggeman Homes.
- The most active manufactured home builder is Schult Homes.
- Shelter Source, Residential Science Resources, LLC, and Building Science Corporation are actively promoting ENERGY STAR qualified homes.



### K. Hovnanian Homes Minnesota Division

*"Because K. Hovnanian Homes MN has helped hundreds of its homebuyers save money and protect the environment through energy-efficient products and building practices, the company was awarded the ENERGY STAR Partner of the Year in 2007. K. Hovnanian Homes is pleased to be part of a practice that helps people preserve and conserve energy through the purchase of a new home."*

- Mandy Multerer, Marketing Manager

- Currently the largest ENERGY STAR production builder in Minnesota.
- Built 324 ENERGY STAR qualified homes in one year.
- Uses ENERGY STAR qualified products in all ENERGY STAR homes built, totaling 1,000 products to date.

### Recent ENERGY STAR Partner of the Year Winners

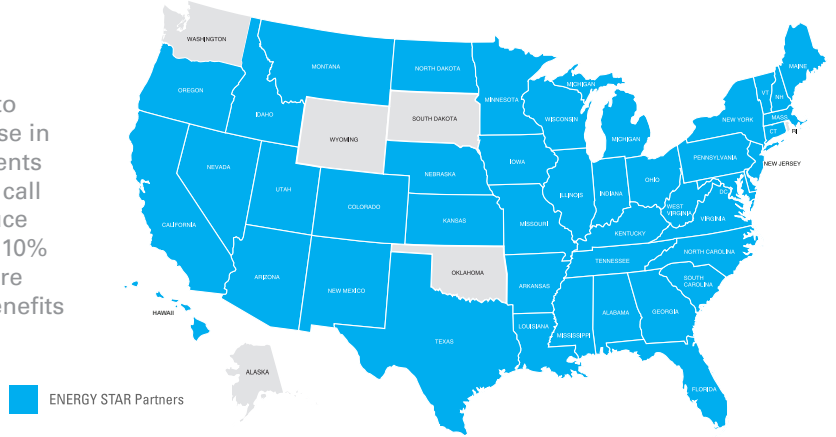
- 3M
- K. Hovnanian Homes Minnesota Division
- Schools for Energy Efficiency (SEE) Program from Hallberg Engineering, Inc.

For more information on these Partners of the Year, go to [www.energystar.gov](http://www.energystar.gov)

# How States are Working with ENERGY STAR

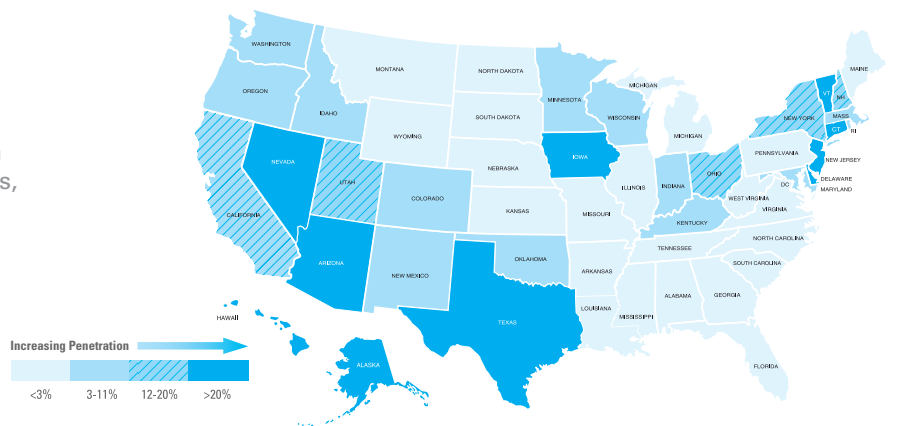
## ENERGY STAR State Partners

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.



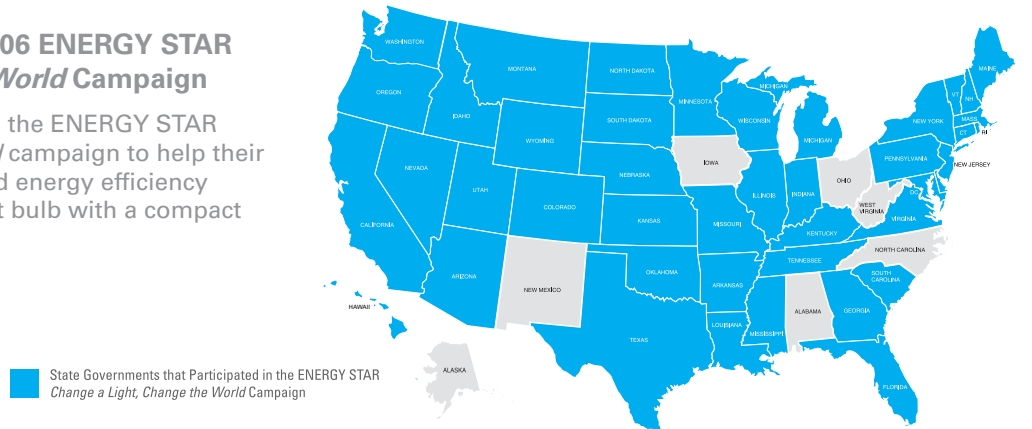
## ENERGY STAR Qualified New Homes Gaining Market Share

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%.



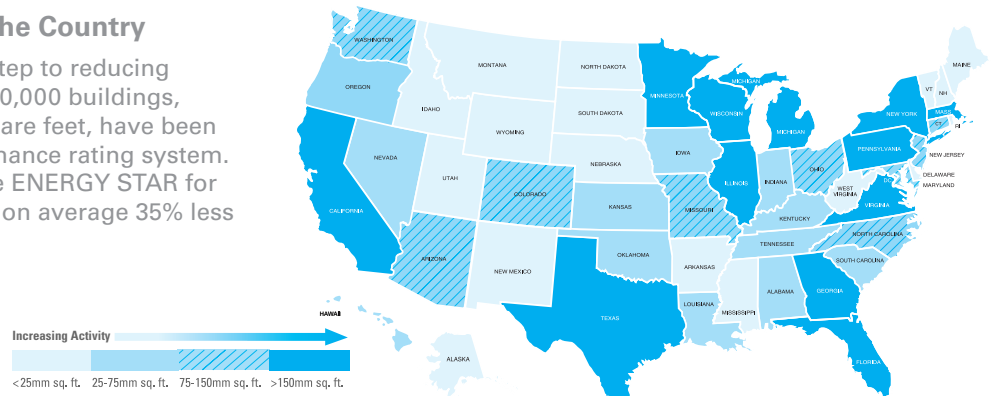
## States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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