



South Carolina



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

Benefits

- South Carolina businesses and residents will save more than \$1 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in South Carolina already made through ENERGY STAR will prevent the emissions of 5 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 3 million vehicles.
- If South Carolina organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 6-fold.

Highlights

- South Carolina is home to 81 companies and public entities participating in ENERGY STAR, about 20% of which are small businesses. Others include:
 - 14 manufacturers of ENERGY STAR qualified products
 - 47 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 260 locations across the state.
- About 250 South Carolina homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 300 buildings (over 27 million square feet) in South Carolina have been rated for energy efficiency using EPA's energy performance rating system.
- 69 supermarkets have earned the ENERGY STAR for superior efficiency. These buildings typically use 35% less energy than average buildings.
- South Carolina 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 South Carolina Conserfund Loan Program offers 5% maximum interest rate loans to state and local governments, schools and colleges, hospitals, and other nonprofit organizations for energy efficiency improvements, including ENERGY STAR qualified products and services.
- South Carolina is working with Alabama, Florida, Mississippi, and Georgia as part of the Southeast Rebuild Collaborative to promote energy efficiency in commercial buildings.
- In 2007, the state joined The Climate Registry, a newly launched effort to measure, track, verify, and publicly report greenhouse gas emissions.
- The South Carolina Energy Office promotes energy efficiency in government agencies and public schools by encouraging them to measure their energy use, analyze their building envelopes and mechanical systems, incorporate energy improvements into their master plans, and implement energy-saving measures.

Examples of ENERGY STAR Partners Protecting the Environment

Progress Lighting

"We significantly increased our development efforts in the area of energy-efficient lighting as evidenced by our ENERGY STAR and LED lighting development projects in the past year. Progress Lighting is committed to manufacturing and promoting quality energy-efficient lighting through the ENERGY STAR program, and we look forward to continuing to help our customers protect our natural resources for future generations."

- Chris Primous, Project Manager

- Manufactures 315 ENERGY STAR qualified lighting models. In 2006, launched 6 new efficient fixture collections, increasing its ENERGY STAR qualified product offerings by 25%.
- Assisted in the development of the first ENERGY STAR residential light fixture specification, which launched in 1997; subsequently became one of the original charter partners in the program.
- Provides training and outreach to the home builder and utility communities on the value of the ENERGY STAR program.
- Promoted ENERGY STAR in 2006 by sponsoring national and regional events, such as the Carolina Green Home Tour.

Key ENERGY STAR Partners Transforming the Residential Market

- 43 South Carolina companies are building ENERGY STAR qualified homes; 6 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in South Carolina are Actus Lend Lease, LLC, Hogan Properties Construction Co., Inc., Whitney Blair Inc., Palm Harbor Homes, and Icon Construction of South Carolina, LLC.
- The most active manufactured home builders are Palm Harbor Homes, Ritz-Craft Corporation, and Clayton Homes.
- Home Energy Concepts Corporation, NSpects Ltd., Southface Energy Institute, and Duke Energy are actively promoting ENERGY STAR qualified homes.



ENERGY STAR Labeled Buildings in South Carolina

- BI LO Incorporated, 5 locations
- Food Lion, 64 locations

Recent ENERGY STAR Partner of the Year Winner

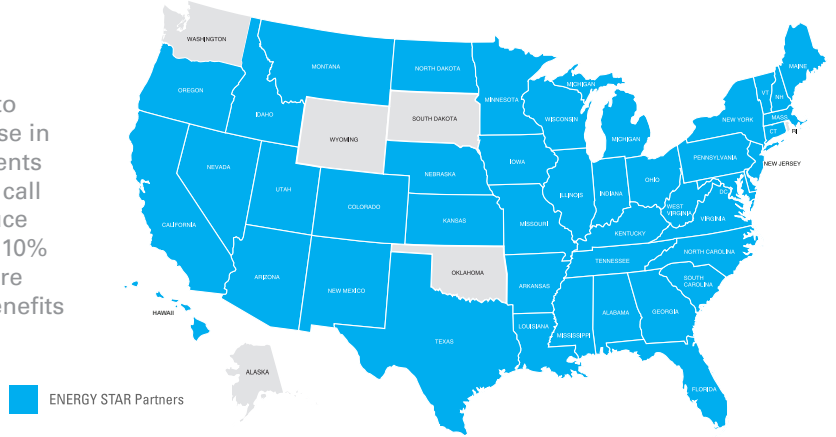
- Progress Lighting

For more information on this Partner of the Year, go to www.energystar.gov

How States are Working with ENERGY STAR

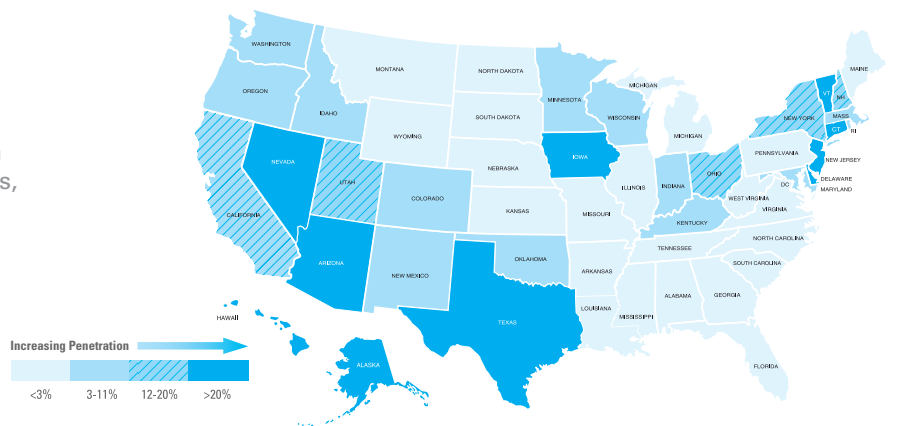
ENERGY STAR State Partners

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.



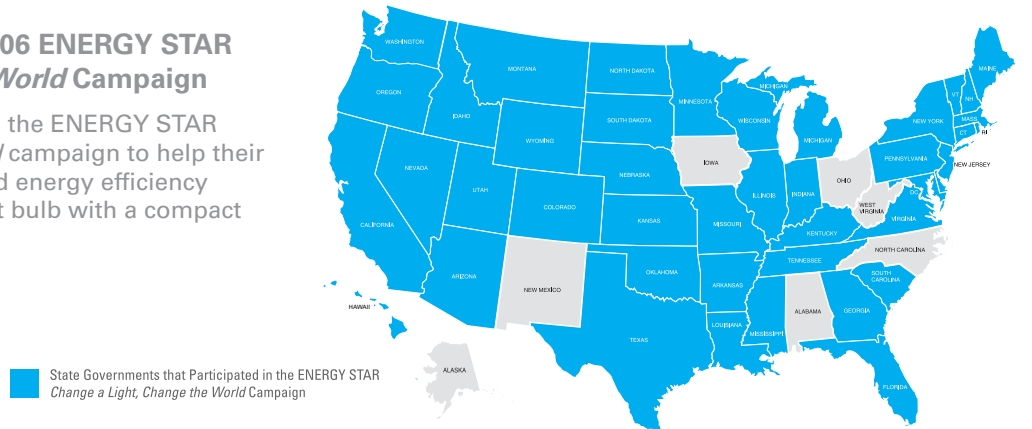
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



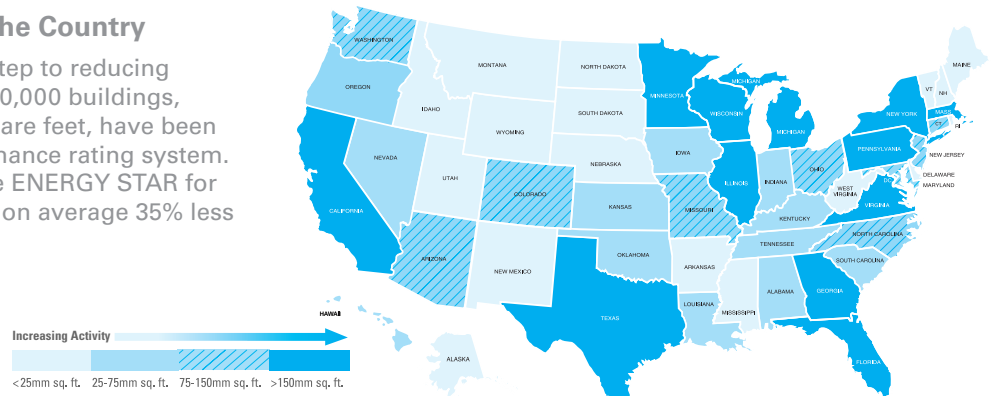
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.