

Delaware



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

Benefits

- Delaware businesses and residents will save more than \$400 million through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Delaware already made through ENERGY STAR will prevent the emissions of more than 1 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 800,000 vehicles.
- If Delaware organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 3-fold.

Highlights

- Delaware is home to 52 companies and public entities participating in ENERGY STAR, including:
 - 2 small businesses
 - 1 local government
 - 3 school districts
 - 3 manufacturers of ENERGY STAR qualified products
 - More than 30 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 50 locations across the state.
- About 4,300 Delaware homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- 81 buildings (over 13 million square feet) in Delaware have been rated for energy efficiency using EPA's energy performance rating system.
- 9 buildings have earned the ENERGY STAR for superior efficiency, including 6 schools, 1 hospital, and 2 office buildings. These buildings typically use 35% less energy than average buildings.
- Delaware 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 2004, the Governor signed a bill, HB 435, requiring state agencies to purchase ENERGY STAR qualified products when available and comparable in performance.
- In celebration of Earth Day 2007, the Delaware Energy Answers Program encouraged residents to take the pledge to "Flip the Switch, Delaware...and Save." Through the initiative, more than 140,000 energy-saving compact fluorescent light bulbs were distributed to residents throughout the state.
- Since partnering with ENERGY STAR in 2004, the state has offered training on the purchasing and procurement of ENERGY STAR qualified products to schools, as well as state and local government agencies.

Examples of ENERGY STAR Partners Protecting the Environment

Energy Services Group

"Promoting ENERGY STAR in the private sector has strengthened our profitability and enabled us to give back to the community. We donate our services to local Habitat organizations to ensure that families in need can also own an energy-efficient new home."

- Thom Marston, Vice President

- Verified more than 8,000 new homes as ENERGY STAR qualified in Delaware and other mid-Atlantic states.
- Has partnered with ENERGY STAR since 1997 in order to lead the building industry toward more efficient homes.
- Believes that ENERGY STAR can address real energy problems in homes.

Seaford School District

- Saves an estimated \$100,000 on its utility bills and prevents the emission of nearly one million pounds of carbon dioxide annually as a result of having reduced its portfolio-wide energy consumption by 16% per year.
- All 6 of the school buildings in the Seaford School District have earned the ENERGY STAR.
- Recognized as an ENERGY STAR Leader because the energy efficiency rating for the district's entire building portfolio is 89 out of a possible 100, placing Seaford School District among the top 11% in energy performance nationwide.
- Mentors other school districts in the mid-Atlantic on using ENERGY STAR tools and resources to implement energy management programs.

Key ENERGY STAR Partners Transforming the Residential Market

- As a percentage of housing starts, market penetration in Delaware for ENERGY STAR new homes is greater than 20% (national average is 12%).
- 29 Delaware companies are building ENERGY STAR qualified homes; 8 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Delaware are Frank Robino Companies, LLC, Carl M. Freeman Companies, Benchmark Builders, Blenheim Homes L.P., F. Tropea Building Contractor, LLC, Craft Built Homes, LLC, Handler Corporation, Boines Beach Homes, Inc., and Blue Ridge Builders.
- The most active manufactured home builders are Marlette Homes, Ritz-Craft Corporation, and Clayton Homes.
- Energy Services Group and NSpects Ltd. are actively promoting ENERGY STAR qualified homes.

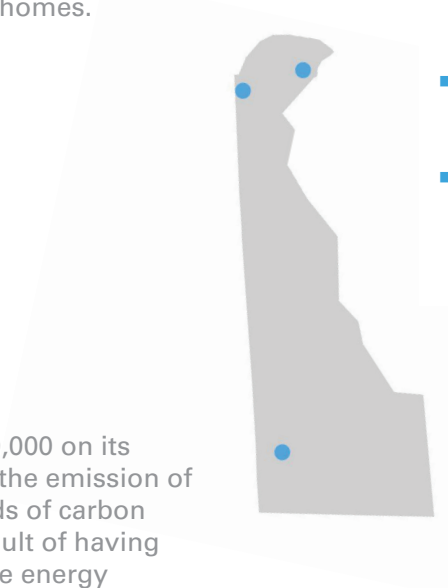
Recent ENERGY STAR Partner of the Year Winners

- Energy Services Group
- Seaford School District

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

Wilmington Veterans Affairs Medical & Regional Office Center

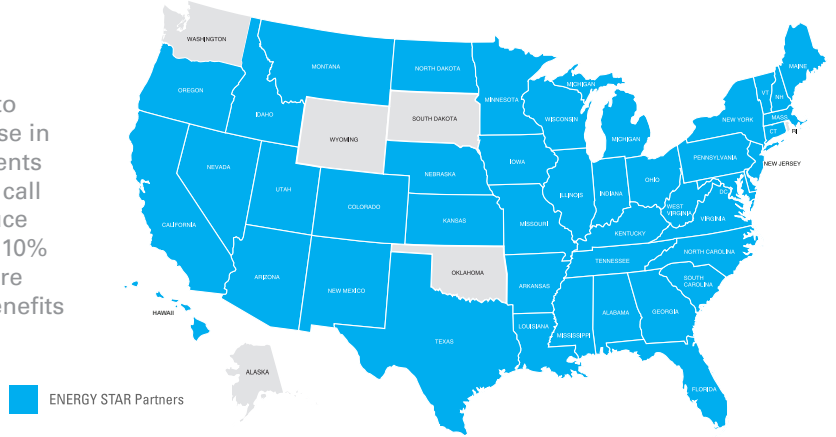
- Earned the ENERGY STAR with a rating of 80 out of a possible 100.
- Replaced inefficient exit signs with LED signs.
- Added electronic ballasts and updated older lighting.
- Installed variable frequency drives and high-efficiency motors on HVAC equipment.
- Extended the central plant high-pressure steam loop and expanded the energy management system to most of the campus outbuildings.



How States are Working with ENERGY STAR

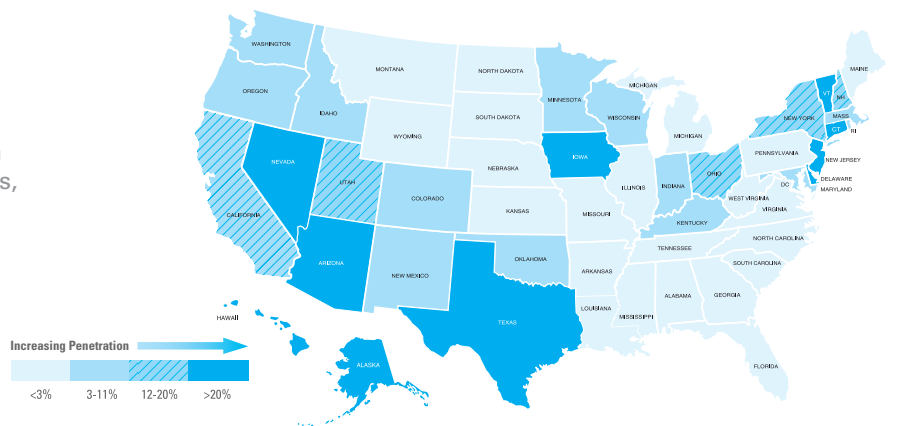
ENERGY STAR State Partners

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.



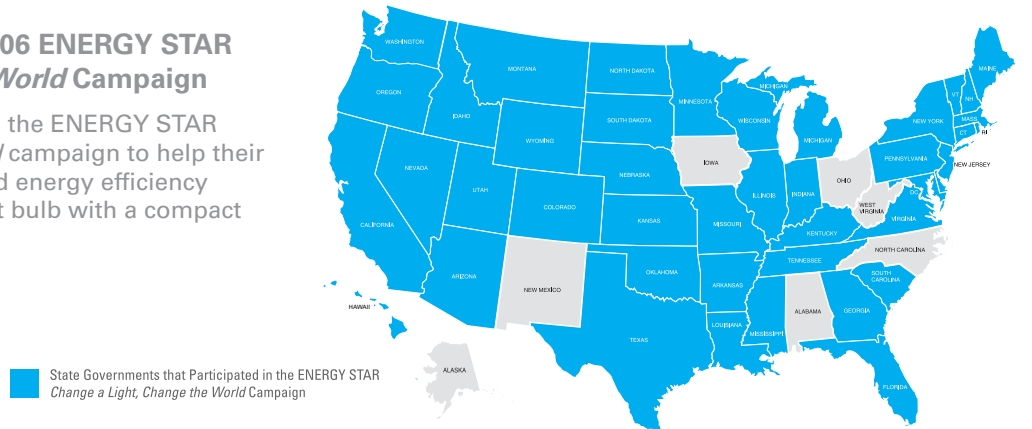
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



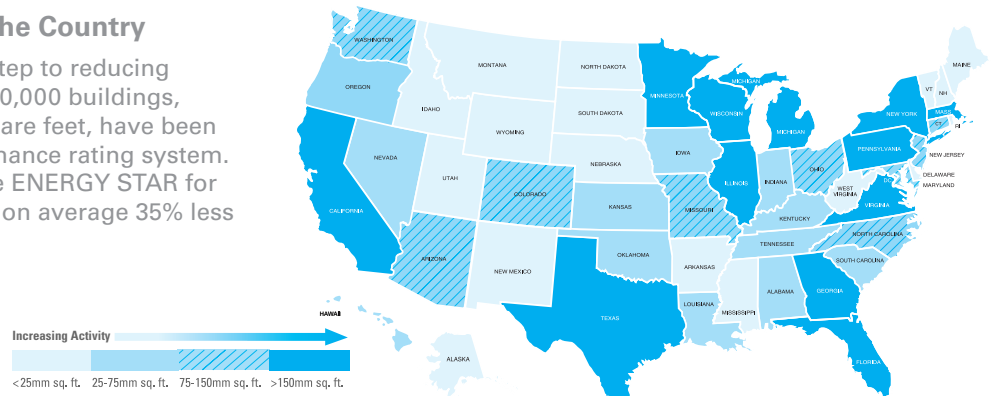
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.