



Pennsylvania



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

Benefits

- Pennsylvania businesses and residents will save more than \$4 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Pennsylvania already made through ENERGY STAR will prevent the emissions of 15 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 10 million vehicles.
- If Pennsylvania organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- Pennsylvania is home to more than 310 companies and public entities participating in ENERGY STAR, about 15% of which are small businesses. Others include:
 - 6 local governments and 15 school districts
 - 66 manufacturers of ENERGY STAR qualified products
 - 62 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 900 locations across the commonwealth.
- About 3,000 Pennsylvania homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 1,200 buildings (over 200 million square feet) in Pennsylvania have been rated for energy efficiency using EPA's energy performance rating system. This represents almost 5% of all space that has been benchmarked nationwide.
- 80 buildings have earned the ENERGY STAR for superior efficiency, including 13 schools, 49 supermarkets, 2 hospitals, and 16 office buildings.
- Pennsylvania 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.
- Marple Township signed up as a pledge driver for the ENERGY STAR *Change a Light, Change the World* campaign. With a total of 325 pledges, Marple Township far exceeded its goal of 100. As a result, Marple Township is expected to save more than 160,000 kWh and prevent 255,000 pounds of greenhouse gas emissions.
- AFC First Financial Corporation of Allentown has made low-interest loans available to nearly 200 Pennsylvanians to finance the purchase of over \$1 million in ENERGY STAR heating and cooling systems or other energy-efficient products.
- The Vanguard Group and Giant Eagle, Inc. have been recognized as ENERGY STAR Leaders, for improving the efficiency of their building portfolios by 10% or more.

Examples of ENERGY STAR Partners Protecting the Environment

Pennsylvania Housing Finance Agency

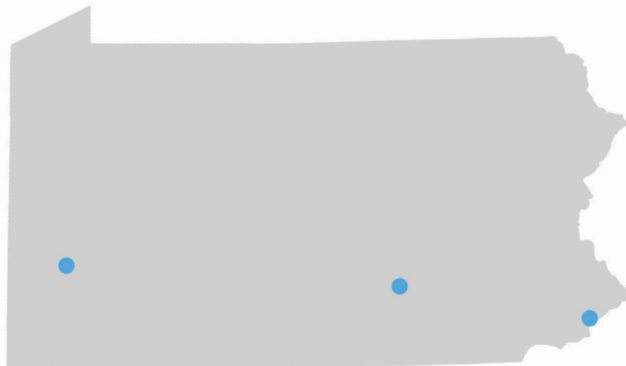
"It's simple. Every dollar the Pennsylvania Housing Finance Agency saves by promoting energy-efficient methods and materials is another dollar going to help our citizens get better places to live. That's why we support the ENERGY STAR program."

- Brian A. Hudson, Sr. Executive Director and CEO

- Offered points to developments featuring ENERGY STAR qualified appliances and mechanical equipment.
- Awarded additional points to developments verified to meet or exceed ENERGY STAR guidelines for new homes.
- A new demonstration program will require all new affordable dwellings to qualify for the ENERGY STAR.

Key ENERGY STAR Partners Transforming the Residential Market

- 53 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 Pennsylvania are Pulte Homes, Orleans Homebuilders, Pennrose Properties, LLC, Fine Line Homes/Harrisburg, R & L Construction Co, Segal & Morel, Roizman Development Inc., SHC Inc. (Cannon Custom Homes), F. Tropea Building Contractor, LLC, and O'Neill Home Corporation.
- The most active manufactured home builders are Pine Grove Manufactured Homes, Inc., Colony Factory Crafted Homes, Commodore Homes, Roizman Development Inc., Marlette Homes, and Champion Homes.
- G & S Testing, Inc., Energy Services Group, and MaGrann Associates are actively promoting ENERGY STAR qualified homes.



Giant Eagle, Inc.

- Earned the ENERGY STAR for 9 stores in 2006, bringing its total to 116 ENERGY STAR labeled stores, or 82% of its portfolio.
- Used a comprehensive Energy Management Program across its operations, which emphasizes energy-saving strategies and technology, benchmarking facility energy use, energy commissioning, power monitoring, and energy procurement.
- Participated in the ENERGY STAR *Change a Light, Change the World* campaign, encouraging employees and its 150,000 customers to take the energy-saving pledge.
- Introduced an online program called Headline News for regularly reporting energy and environmental information to all levels of the organization.

Philadelphia Housing Authority (PHA)

- Proactively responded to high energy costs by developing a plan to reduce energy consumption at all residential properties and office facilities.
- Developed the ENERGY STAR homes demonstration project to begin to change the way PHA builds low-income housing. The 64 ENERGY STAR qualified townhouse units save each household about \$500 per year.
- Through grant funding, PHA will continue to build more ENERGY STAR qualified homes, 125 in total.

Recent ENERGY STAR Partner of the Year Winners

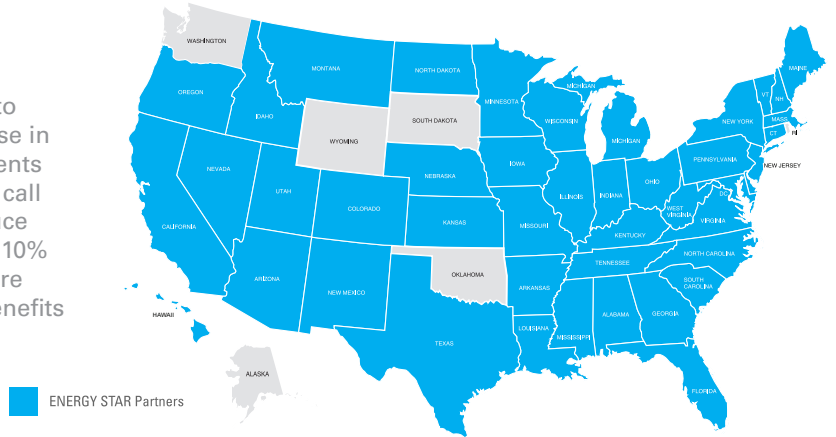
- Giant Eagle, Inc.
- Gorrell Enterprises, Inc.
- Pennsylvania Housing Finance Agency
- Philadelphia Housing Authority

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

How States are Working with ENERGY STAR

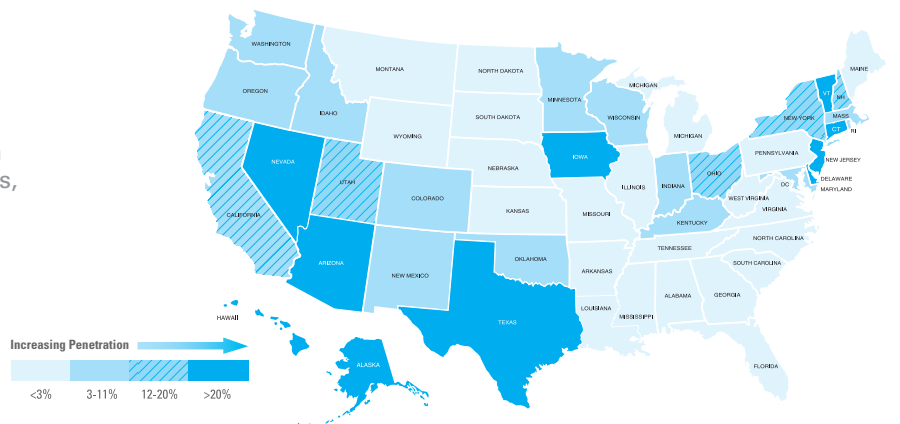
ENERGY STAR State Partners

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.



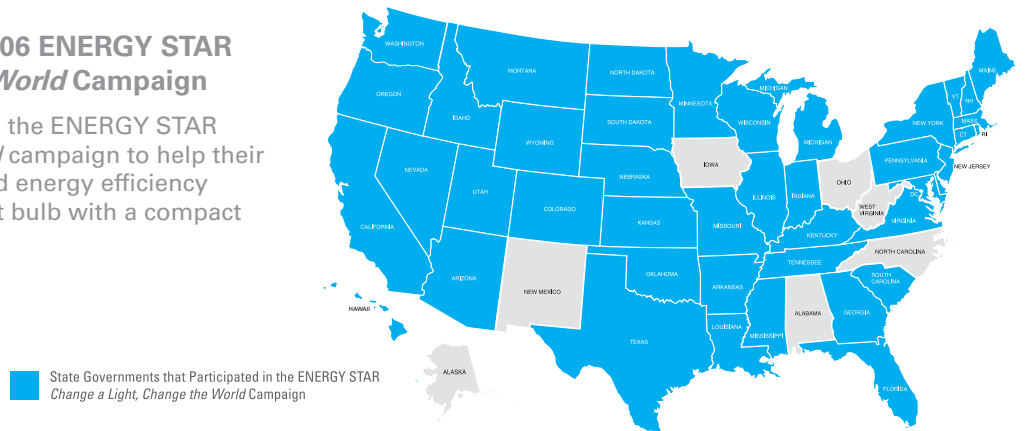
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



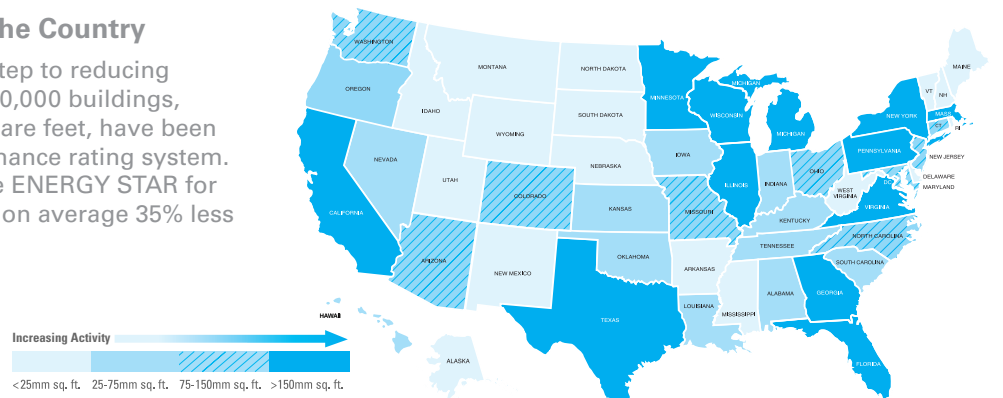
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.