



Kentucky



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

Benefits

- Kentucky businesses and residents will save more than \$1 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Kentucky already made through ENERGY STAR will prevent the emissions of 4 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 2.5 million vehicles.
- If Kentucky organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- Kentucky is home to 87 companies and public entities participating in ENERGY STAR, about 10% of which are small businesses. Others include:
 - 2 local governments and 5 school districts
 - 10 manufacturers of ENERGY STAR qualified products
 - 41 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 370 locations across the commonwealth.
- About 1,700 Kentucky homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 230 buildings (over 32 million square feet) in Kentucky have been rated for energy efficiency using EPA's energy performance rating system.
- 7 buildings have earned the ENERGY STAR for superior efficiency, including 5 schools, 1 supermarket, and 1 office building.
- The Commonwealth of Kentucky 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 Kentucky Office of Energy Policy and the University of Kentucky College of Agriculture sponsored an ENERGY STAR booth at the Kentucky State Fair in October 2006 that featured ENERGY STAR qualified products.
- The Governor's Comprehensive Energy Strategy promotes the use of ENERGY STAR qualified products, including appliances, as well as participation in the ENERGY STAR buildings and homes programs.

Examples of ENERGY STAR Partners Protecting the Environment

Toyota Motor Engineering & Manufacturing North America, Inc.

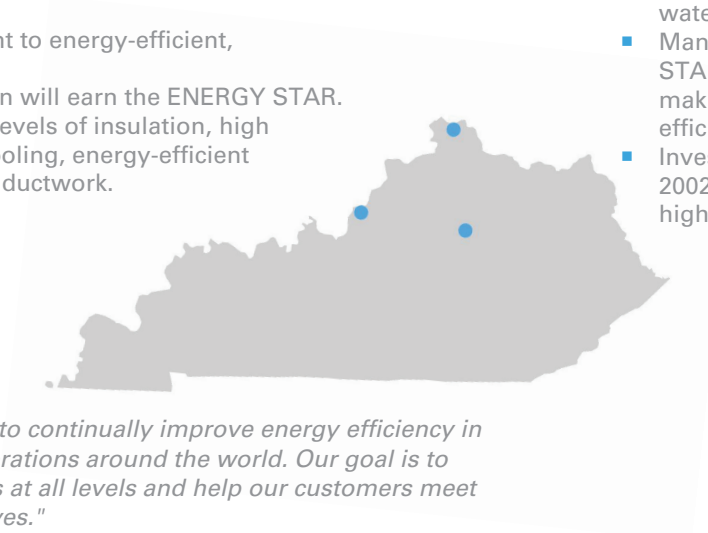
- Has made a long-term commitment to energy efficiency and strategic energy management at its 15 manufacturing facilities across North America through its participation in ENERGY STAR for the industrial sector.
- Toyota's energy management program has engaged more than 30,000 team members who work every day to implement energy reduction activities in the 15 plants.
- Overall energy consumption per vehicle has been reduced by 8% and assembly plant carbon dioxide (CO₂) generation decreased by 6.5% per vehicle.

Louisville Metro Housing Authority's "Liberty Green" Development

"We felt it was important to utilize an energy conscious design that would help to reduce utility costs for families who reside at Liberty Green. We hope Liberty Green will inspire other housing authorities and apartment developments across the country to consider energy-efficient programming."

- Tim Barry, Director

- Has a strong commitment to energy-efficient, affordable housing.
- Each unit at Liberty Green will earn the ENERGY STAR. Features include higher levels of insulation, high efficiency heating and cooling, energy-efficient windows, and enhanced ductwork.



Lexmark

"At Lexmark, we seek ways to continually improve energy efficiency in our products and in our operations around the world. Our goal is to ensure sustainable progress at all levels and help our customers meet their environmental objectives."

- Tonya Jackson, Director

- Offers a wide variety of ENERGY STAR qualified office equipment, including printers with duplex printing and E series printers that feature Instant Warm-up fusers.
- Many of its small to medium business printers offer customers selectable product features, such as "Eco Mode," which allows them to save energy and paper during printing.
- Introduced inkjet printers in 2007 with a patented circuit that reduces the standby power consumption to less than 1 watt when the product is not in use.
- Reduced annual direct and indirect fossil fuel consumption use at its headquarters in Lexington, resulting in a 6.7 million kWh reduction in electricity. This prevented 11,700 metric tons of CO₂ emissions.

Key ENERGY STAR Partners Transforming the Residential Market

- 35 companies are building ENERGY STAR qualified homes; 13 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Kentucky are Arlinghaus Builders, LLC, Actus Lend Lease, LLC, and B.O.L.D. Homes, Inc.
- The most active manufactured home builder is Palm Harbor Homes.
- Cornerstone Energy Conservation Services, Home Energy Concepts, and Energy Efficient Homes Midwest, Inc. are actively promoting ENERGY STAR qualified homes.

GE Consumer & Industrial

- Offers more than 500 ENERGY STAR qualified appliances, representing 50% of all GE appliances.
- Offers a broad range of ENERGY STAR qualified clothes washers, refrigerators, dishwashers, room air conditioners, dehumidifiers, and water coolers.
- Manufactures a variety of ENERGY STAR qualified lighting products, making GE a leader in energy-efficient lighting products.
- Invested more than \$400 million from 2002 to 2006 to develop and market high efficiency appliances.

Recent ENERGY STAR Partner of the Year Winners

- GE Consumer & Industrial
- Louisville Metro Housing Authority
- Toyota Motor Engineering & Manufacturing North America, Inc.

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



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.