



Louisiana



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

Benefits

- Louisiana businesses and residents will save more than \$1 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Louisiana already made through ENERGY STAR will prevent the emissions of more than 2 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 1.5 million vehicles.
- If Louisiana organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 6-fold.

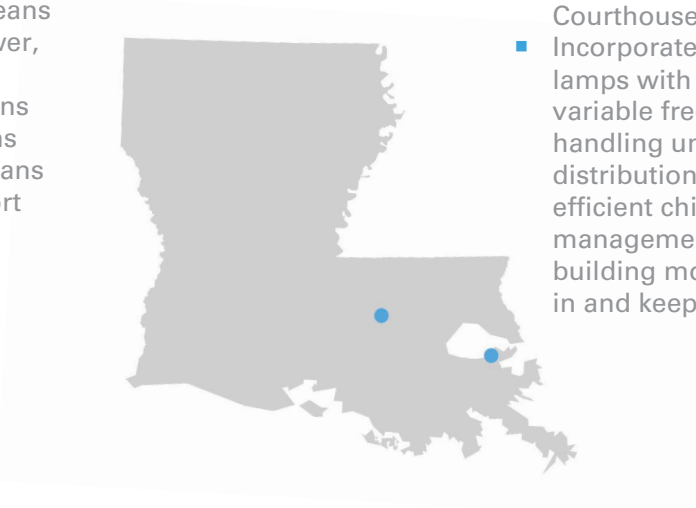
Highlights

- Louisiana is home to 38 companies and public entities participating in ENERGY STAR. They include:
 - 7 small businesses
 - 8 manufacturers of ENERGY STAR qualified products
 - 18 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 300 locations across the state.
- About 9,500 Louisiana homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 320 buildings (over 46 million square feet) in Louisiana have been rated for energy efficiency using EPA's energy performance rating system.
- 22 buildings have earned the ENERGY STAR for superior efficiency, including 2 hotels and 20 office buildings.
- The Governor declared October 4, 2006, as ENERGY STAR Change a Light Day in the state. If every home in Louisiana replaced one conventional light bulb with a compact fluorescent light bulb, the state would save 88 million kWh of electricity per year, resulting in annual total savings of \$7.5 million in energy costs while preventing 139 million pounds of carbon dioxide emissions.
- The Louisiana Home Energy Rebate Option (HERO) offers financial incentives to Louisiana residents who make energy improvements to existing homes. HERO is a component of the Home Energy Loan Program of the Louisiana Department of Natural Resources (DNR). The program has also promoted the construction of new ENERGY STAR qualified homes.
- Louisiana State University (Baton Rouge) purchases ENERGY STAR qualified computers and office equipment for all new buildings.

Examples of ENERGY STAR Partners Protecting the Environment

ENERGY STAR Labeled Buildings in Louisiana

- 1515 Poydras Building, New Orleans
- 1555 Poydras Building, New Orleans
- Code Enforcement Administration, Harvey
- Dominion Tower, New Orleans
- Federal Building, Opelousas
- First Bank Center, Metairie
- Hale Boggs Courthouse, New Orleans
- US Court of Appeals, New Orleans
- Jefferson Parish Courthouse and Annex, Gretna
- Joseph Yenni Building, Jefferson
- Lakeway I, Metairie
- Lakeway II, Metairie
- Lakeway III, Metairie
- LL&E Tower, New Orleans
- Metairie Courtyard by Marriott, Metairie
- New Orleans Downtown Residence Inn by Marriott Hotel, New Orleans
- One Canal Place Office Tower, New Orleans
- Poydras Center, New Orleans
- Texaco Center, New Orleans
- U.S. Courthouse, New Orleans
- U.S. Courthouse, Shreveport
- U.S. Courthouse, Lafayette



Key ENERGY STAR Partners Transforming the Residential Market

- 3 companies are building ENERGY STAR qualified homes.
- The most active home builders in Louisiana are Palm Harbor Homes and Eagle Panel Systems, Inc.
- The most active manufactured home builders are Palm Harbor Homes and Oak Creek Homes, LLP.
- Energy Rated Homes of Louisiana, Energy Plus, and Home Performance Solutions, LLC are actively promoting ENERGY STAR qualified homes.

U.S. Fifth Circuit Court of Appeals

- Achieved a rating of 92, out of a possible 100, to earn an ENERGY STAR label.
- Energy-efficient technology, including ENERGY STAR products, has lowered utility costs at the Courthouse by an estimated 25%.
- Incorporated highly efficient T-8 lamps with electronic ballasts, variable frequency drives on the air handling units, variable air volume distribution systems, highly efficient chillers, and an energy management system to make the building more comfortable to work in and keep costs down.

Jerry F. Pepper, APLC

- This law firm has reduced utility costs by an estimated \$6,100 per year.
- Replaced thermostats and lighting equipment with ENERGY STAR qualified models.
- Purchased two dehumidifiers for its equipment and document storage areas to reduce humidity, improving the heating/cooling efficiency of air handling equipment.
- The changes improved indoor air quality and employee morale and increased productivity by reducing eyestrain caused by poor lighting.

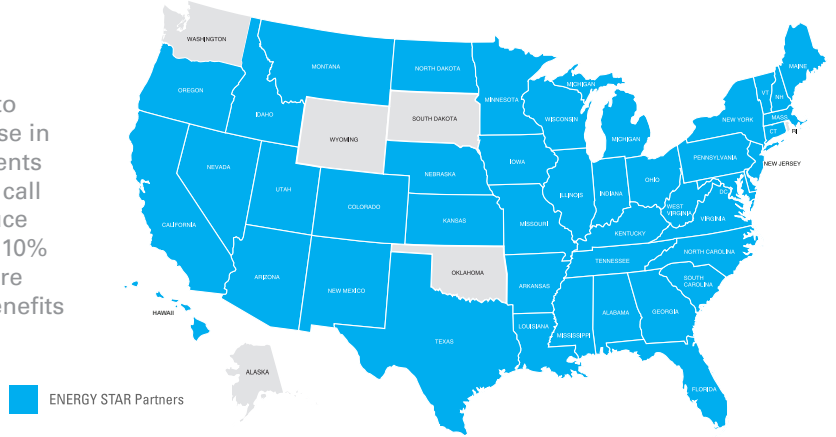
Tulane University, New Orleans

- Expecting to save more than \$2 million as a result of a current facility retrofit.
- Tulane students created the ENERGY STAR Showcase Dorm Room to communicate the importance of energy-efficient purchasing to students and university managers. The project has received national recognition and has been duplicated at other universities.
- Working with federal, state, and local partners to promote energy-efficient rebuilding as New Orleans recovers from Hurricane Katrina.

How States are Working with ENERGY STAR

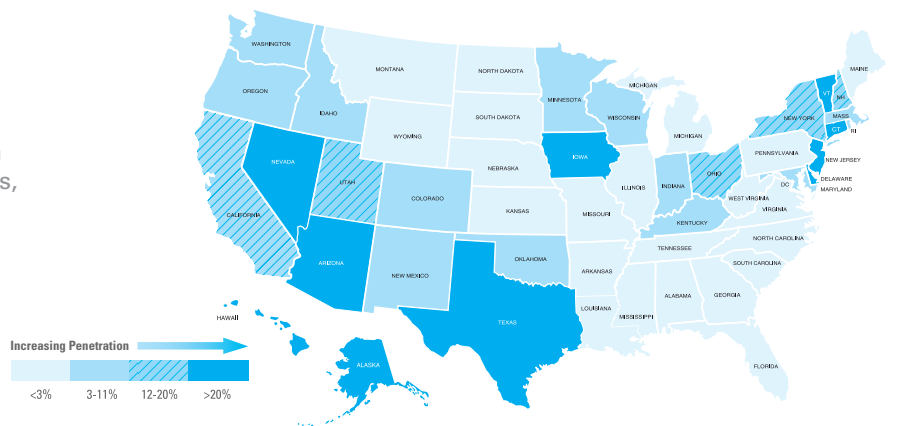
ENERGY STAR State Partners

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.



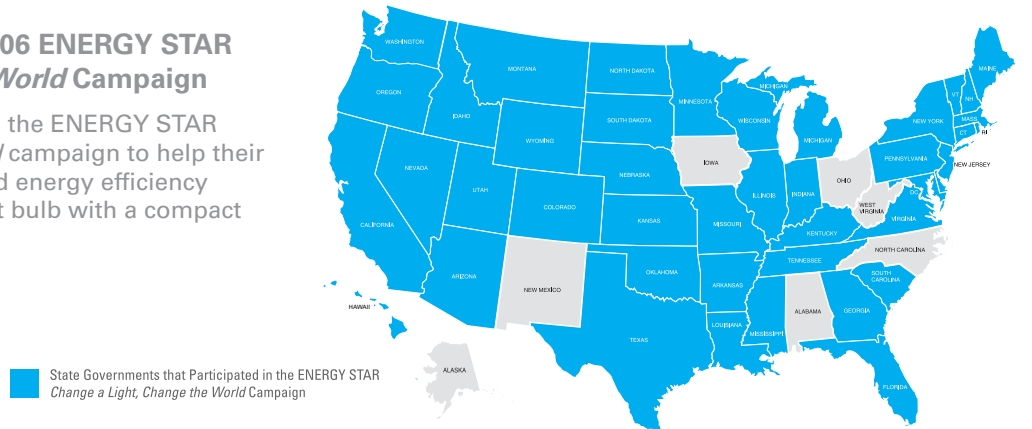
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



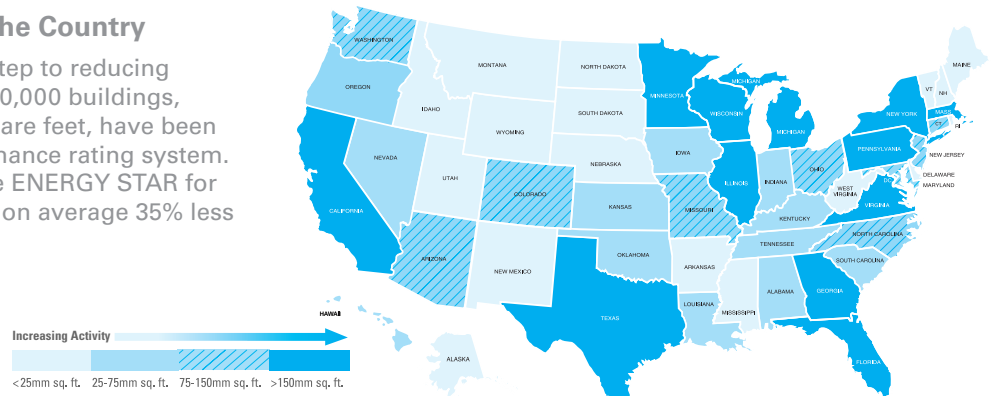
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.