

# Tennessee



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

### Benefits

- Tennessee businesses and residents will save almost \$2 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Tennessee already made through ENERGY STAR will prevent the emissions of 8 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 5 million vehicles.
- If Tennessee organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 5-fold.

### Highlights

- Tennessee is home to more than 120 companies and public entities participating in ENERGY STAR, about 10% of which are small businesses. Others include:
  - 1 local government and 6 school districts
  - 18 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 490 locations across the state.
- About 600 Tennessee homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 380 buildings (over 60 million square feet) in Tennessee have been rated for energy efficiency using EPA's energy performance rating system.
- 10 buildings have earned the ENERGY STAR for superior efficiency, including 1 hospital and 9 office buildings.
- Tennessee 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.
- Using funds from its 2004 State Energy Program Formula Grant, Tennessee's Public Outreach and Technology Transfer program promoted ENERGY STAR in conjunction with local utilities.
- Habitat for Humanity completed its first ENERGY STAR qualified home in Bradley County in November 2006. As a result of ENERGY STAR, the new residents expect to save more than \$300 a year in energy costs.
- Middle Tennessee Electric Membership Corporation offers incentives for its residential customers to live in energy-efficient homes, including rebates for ENERGY STAR qualified homes. Rebates are also offered for qualified heat pumps and electric water heaters.
- In 2006, Methodist Medical Center (MMC) earned the ENERGY STAR label with a rating of 85 out of 100. MMC is the first and only hospital in Tennessee to have earned the ENERGY STAR.

## Examples of ENERGY STAR Partners Protecting the Environment

### Nashville Habitat for Humanity

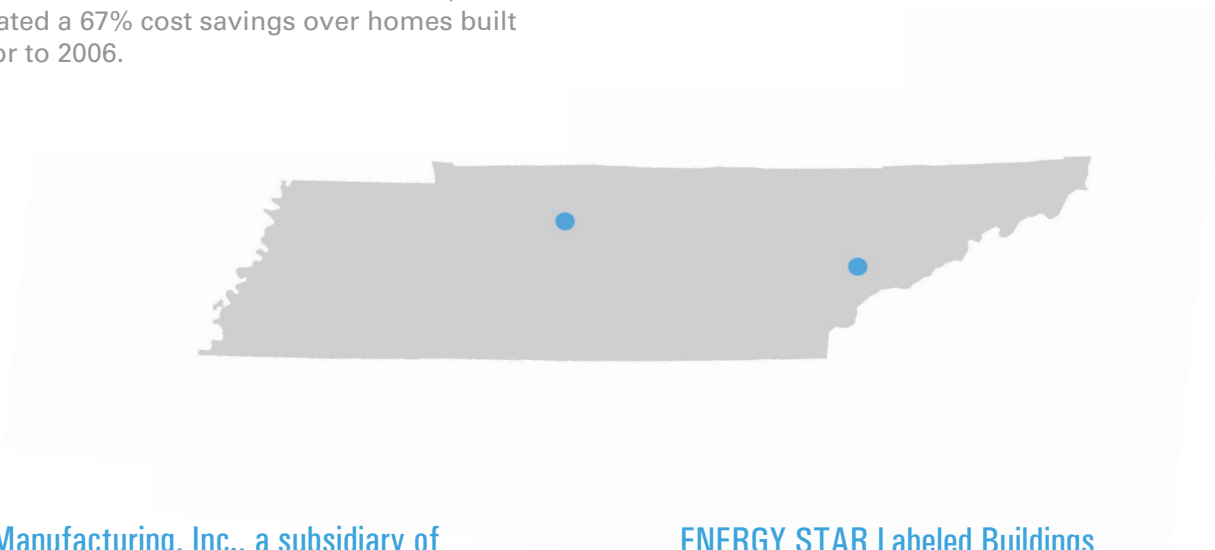
*"Nashville Area Habitat for Humanity is committed to building the highest quality homes for Middle Tennessee families in need of decent, affordable housing. We are pleased to exclusively build ENERGY STAR qualified homes that not only conserve precious natural resources, but also benefit our homeowners by reducing their utility costs."*

- Gary Bigelow, Chief Operating Officer

- Constructed 100% of Nashville Area Habitat housing to meet ENERGY STAR guidelines.
- Coupled ENERGY STAR construction innovations, with LP Corporation, Whirlpool Corporation, and Fiberweb's in-kind contributions, to ensure that homeowners' average monthly utility bills are under \$100 for a 1,100 square foot home.
- Based on ENERGY STAR modifications, created a 67% cost savings over homes built prior to 2006.

### Key ENERGY STAR Partners Transforming the Residential Market

- 34 Tennessee companies are building ENERGY STAR qualified homes; 7 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builder in Tennessee is Actus Lend Lease, LLC.
- The most active manufactured home builders are Palm Harbor Homes and Champion Homes of Idaho.
- Home Energy Concepts, Middle Tennessee Electric, and Tennessee Valley Authority are actively promoting ENERGY STAR qualified homes.



### CMH Manufacturing, Inc., a subsidiary of Clayton Homes, Inc.

*"We know that building energy-efficient homes is a win for consumers and the environment. Our homes offer comfort and reliability, all while saving consumers money and protecting the environment. Our partnership with ENERGY STAR helps us attain our goal of providing the best quality home and the best affordable price."*

- Rick Strachan, President

- Builds ENERGY STAR qualified homes at 34 manufacturing facilities.
- Promotes ENERGY STAR at more than 1,000 model home centers from coast to coast.

### ENERGY STAR Labeled Buildings in Tennessee

- 2525 West End, Nashville
- BellSouth Tennessee Headquarters Building, Nashville
- Buildings Technology Center Headquarters, Oak Ridge
- Clifford Davis Courthouse, Memphis
- Edney Building, Chattanooga
- IRS Service Center, Memphis
- James Quillen Courthouse, Greeneville
- John Duncan Federal Building, Knoxville
- Mammalian Genetics Office, Oak Ridge
- Methodist Medical Center, Oak Ridge





# 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](http://www.energystar.gov).*