



Arizona



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

Benefits

- Arizona businesses and residents will save more than \$2 billion through investments already made in ENERGY STAR qualified products, homes, and buildings.
- The investments in Arizona already made through ENERGY STAR will prevent the emissions of 4 million metric tons of greenhouse gases, equivalent to eliminating the emissions from 2 million vehicles.
- If Arizona organizations and consumers pursued all opportunities for profitable energy efficiency improvements through ENERGY STAR, current savings could grow 4-fold.

Highlights

- Arizona is home to more than 160 companies and public entities participating in ENERGY STAR, about 10% of which are small businesses. Others include:
 - 14 local governments and 4 school districts
 - 20 manufacturers of ENERGY STAR qualified products
 - 70 companies that build, provide 3rd-party testing of, or promote ENERGY STAR qualified homes
- Consumers can purchase ENERGY STAR qualified products at some 320 locations across the state.
- About 80,000 Arizona homes have earned the ENERGY STAR and offer families greater savings and comfort than those built to code.
- More than 700 buildings (over 88 million square feet) in Arizona have been rated for energy efficiency using EPA's energy performance rating system.
- 42 buildings have earned the ENERGY STAR for superior efficiency, including 1 school, 10 hotels, 3 hospitals, and 28 office buildings. These buildings typically use 35% less energy than average buildings.
- Arizona 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 Arizona Department of Administration earned the ENERGY STAR for three buildings that achieved an energy performance rating in the top 25% of all buildings in the United States. To date, these buildings have saved \$5.8 million in energy costs.
- The Governor proclaimed July 2005 as ENERGY STAR month to promote the use of ENERGY STAR qualified products and the importance of energy efficiency.
- Arizona State University purchases and uses ENERGY STAR qualified products to improve energy efficiency at the university.
- The Ronald McDonald House in Phoenix partnered with Arizona Public Service to replace more than 175 incandescent bulbs with ENERGY STAR qualified compact fluorescent light bulbs (CFLs), resulting in energy savings of more than \$2,000 annually.

Examples of ENERGY STAR Partners Protecting the Environment

Arizona Public Service (APS)

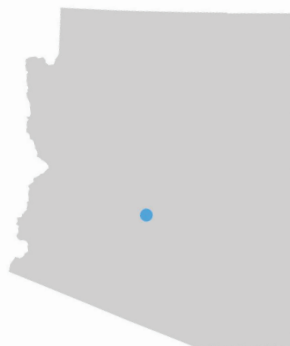
"We are constantly working to educate consumers on how the use of ENERGY STAR products can save money and contribute to a healthy environment. We take pride in our work with ENERGY STAR to make energy efficiency an everyday practice."

- Tom Hines, Program Manager for the APS ENERGY STAR Residential Lighting Program

- Launched the APS ENERGY STAR Homes program with Arizona home builders in July 2006.
- Received more than 18,000 commitments for homes to be built to ENERGY STAR guidelines.
- More than 2 million CFLs have been sold through its ENERGY STAR Residential Lighting program, saving Arizona consumers tens of millions of dollars in energy costs.
- Retailer participation has increased by more than 200% since the start of the ENERGY STAR Residential Lighting program.

A Sample of ENERGY STAR Labeled Buildings in Arizona

- Arizona Department of Administration/Opus West, Phoenix
- Bashas', Scottsdale
- Brookstone Office Complex, LLC, Phoenix
- CB Richard Ellis, Inc., Phoenix
- Copper Square Associates, LLC, Phoenix
- Department of Veterans Affairs, Prescott
- Hines, various locations
- Holualoa Centre East Office, LLC, Tucson
- Holualoa Corporate Center Tucson Limited Partnership, LLP, Tucson
- Lowe Enterprises Real Estate Group, Phoenix
- MSB Catalina Terraces, LLC, Phoenix
- MSB Paradise Valley, LLC, Scottsdale
- Navajo Area Indian Health Service, Fort Defiance
- Phoenix Plaza PT, LLC, Phoenix
- State of Arizona/Opus West, Phoenix
- Tucson Unified School District, Tucson
- USAA Corporate Real Estate, Phoenix



Key ENERGY STAR Partners Transforming the Residential Market

- As a percentage of single-family, site-built housing starts, market penetration in Arizona for ENERGY STAR new homes is greater than 20% (national average is 12%).
- 64 companies are building ENERGY STAR qualified homes; 17 of these firms have committed to making 100% of their new homes ENERGY STAR.
- The most active home builders in Arizona are D.R. Horton/ Astante/Continental Series, Beazer Homes of Arizona, Pulte Homes of Phoenix, Trend Homes of Arizona, Hacienda Builders, KB Home-Phoenix, Shea Homes' Trilogy Communities, Richmond American Homes-Tucson Division, Centex Homes-Arizona Division, and KB Home Tucson, Inc.
- The most active manufactured home builders are Palm Harbor Homes and Schult Homes.
- D.R. Wastchak, LLC, Environments for Living/Masco, and Southwest Gas Corporation are actively promoting ENERGY STAR qualified homes.

Southwest Gas Corporation

- Evolving over 10 years to its current position as a leading ENERGY STAR certification provider, Southwest Gas has partnered with local and national builders in the construction of more than 6,500 new homes to ENERGY STAR guidelines since 1999.
- An additional 6,300 homes were committed to ENERGY STAR in 2006, ensuring future savings for Arizona homeowners.

Recent ENERGY STAR Partner of the Year Winner

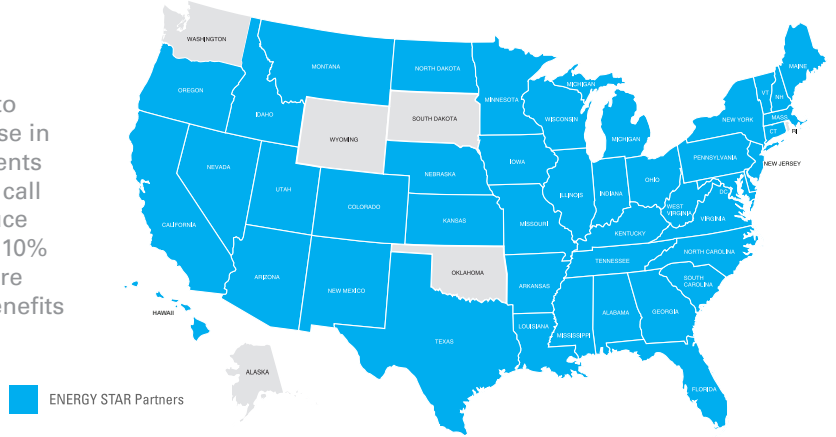
- Arizona Public Service

For more information on this Partner of the Year, go to www.energystar.gov

How States are Working with ENERGY STAR

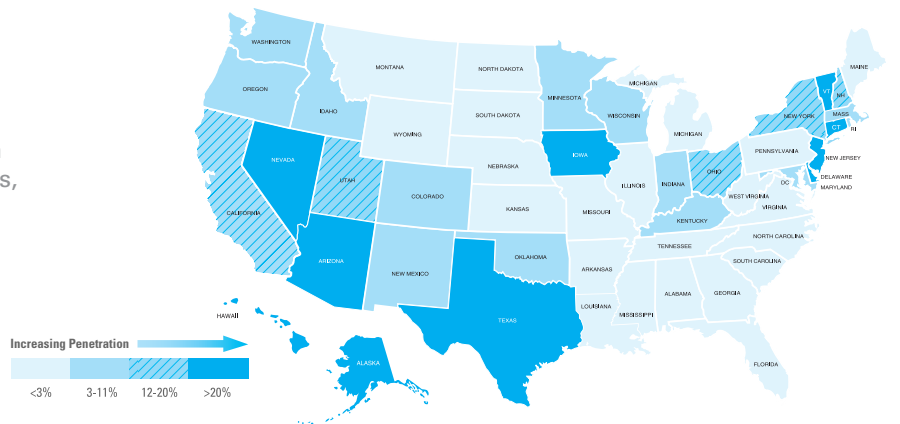
ENERGY STAR State Partners

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.



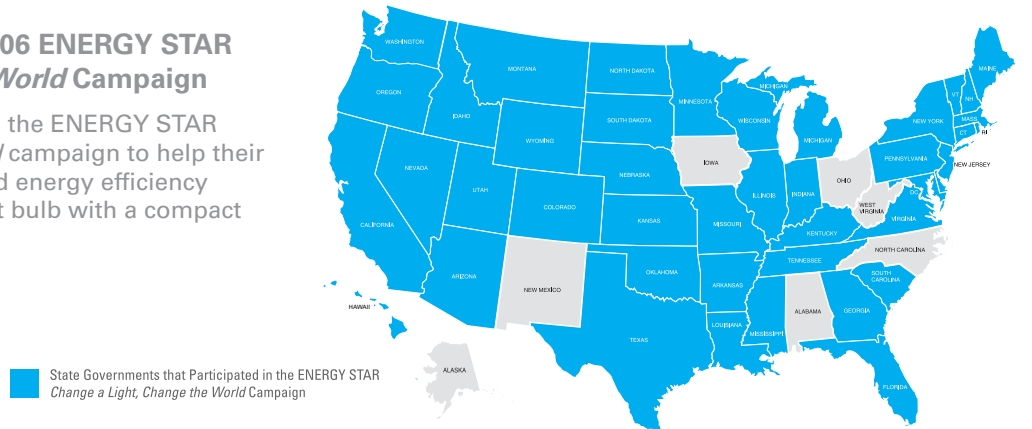
ENERGY STAR Qualified New Homes Gaining Market Share

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%.



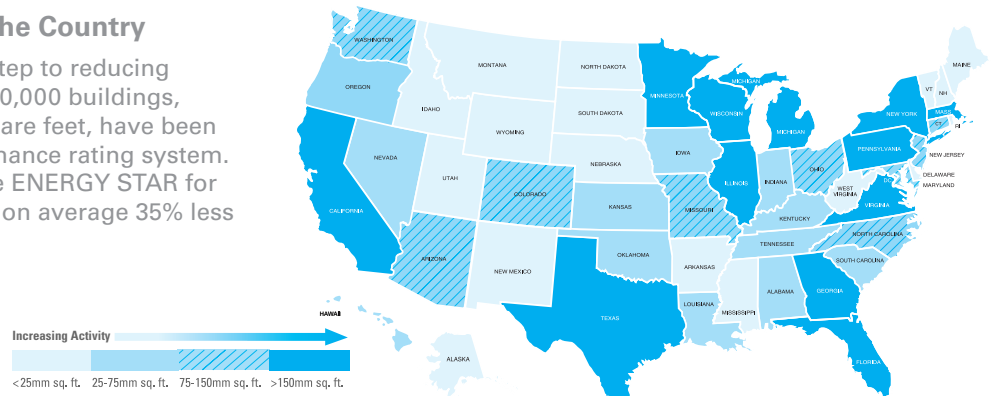
States Participating in the 2006 ENERGY STAR Change a Light, Change the World Campaign

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.