

EnergyStar Program

Energy-Efficient Choices for Businesses and Consumers

Saving Energy and Money, and Protecting the Environment

By promoting energy-efficient products, homes, and buildings, ENERGY STAR® reduces energy use while helping businesses and consumers save money and protect the environment. Besides lowering energy bills and reducing the pollution from power generation, ENERGY STAR helps meet America's energy needs and strengthen the U.S. economy. In 2001 alone, ENERGY STAR saved 80 billion kilowatt hours and more than 10,000 megawatts of peak power—enough energy to power 10 million homes in the United States for one year. The cumulative energy savings of all ENERGY STAR qualified appliances sold to date could light all the homes in Washington, DC, for 40 years.

How It Works

ENERGY STAR is a voluntary labeling program, jointly managed by the U.S. Department of Energy (DOE) and the U.S. Environmental Protection Agency (EPA). The ENERGY STAR label helps consumers easily identify highly efficient products. This government-backed symbol for energy efficiency appears on products in over 30 categories.

Products that have earned the ENERGY STAR label are at least 10 percent more energy efficient than standard models. By choosing only ENERGY STAR qualified products over the next decade, consumers, businesses, and organizations could cut the nation's annual energy bill by about \$200 billion.

The backbone of ENERGY STAR is its partners. ENERGY STAR works with more than 7,000 public- and private-sector organizations to promote energy efficiency. DOE has forged successful partnerships with all the major manufacturers of appliances, windows, and compact fluorescent lamps; national and regional retailers; state and local governments; and more than 100 utilities that serve about half of U.S. households. Among other things, partners help the government establish energy efficiency criteria, label products, and work to promote ENERGY STAR to businesses and consumers nationwide.

Look for the ENERGY STAR Label

The typical American household spends \$1,300 a year in energy bills. By choosing products that carry the ENERGY STAR label, consumers can save up to 30 percent on their energy bills without sacrificing features, style, or comfort.



ENERGY STAR Partners Make the Difference

Today, 4 in 10 Americans recognize the ENERGY STAR label as the national symbol for energy efficiency. This level of recognition has been achieved through the dynamic efforts of ENERGY STAR partners working to make a difference.

Seeded with Federal funding, private-sector partners have invested \$280 million since 1996 to promote ENERGY STAR qualified appliance and lighting products.

- In 2001, ENERGY STAR retail partners sold more than 1.7 million ENERGY STAR-labeled appliances. Many retail partners also support a wide range of ENERGY STAR promotional activities—from musical concerts to radio ads to in-store displays and appliance rebates—to educate consumers about the benefits of ENERGY STAR.
- Manufacturers can expand their bottom line by producing products that qualify for the ENERGY STAR label. A number of manufacturers have redesigned their products to achieve maximum energy and even water savings. ENERGY STAR-labeled clothes washers, for example, use 35 to 50 percent less water and 50 percent less energy per load than conventional washers. An ENERGY STAR qualified refrigerator saves on average 355 kilowatt hours per year compared to a ten-year-old model—enough energy



to light the average household for over 3 months—and cut a household's electric bills by \$28 to \$57 a year.

- Today, there are more than 100 manufacturers of ENERGY STAR qualified compact fluorescent light bulbs (CFLs). With advanced technology, CFLs use 75 percent less energy than a standard incandescent bulb and last up to 10 times longer.
- Over 350 manufacturers produce ENERGY STAR qualified windows and window components. If all residential windows in the United States were replaced with ENERGY STAR qualifying models, the nation would save \$134 billion in energy costs over the next 15 years. ENERGY STAR qualified windows can save 15 percent on a household's total energy bill.

Canadian Partnerships Expand Recognition of ENERGY STAR Label

ENERGY STAR is now an international symbol for energy efficiency. Through its partnership with Natural Resources Canada, ENERGY STAR is helping Canadian consumers make the right choices to save money, save energy, and protect the environment.

A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.



U.S. Department of Energy
**Energy Efficiency
and Renewable Energy**

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