

The Average Building
**Wastes 30% of the
Energy It Consumes**
Because of Inefficiencies



Buildings and the Fight Against Climate Change

Every building, from the smallest school to the tallest skyscraper, uses energy most often generated by the burning of fossil fuels. The burning of fossil fuels releases greenhouse gases into the atmosphere, contributing to the challenge of climate change. In fact, the nearly 5 million buildings in the U.S. where we work, play, and learn are responsible for nearly 20 percent of both the nation's energy use and greenhouse gas emissions at a cost of over \$100 billion per year.

The Difference a Building Can Make

On average, 30 percent of the energy consumed in commercial buildings is wasted. Energy efficiency is the single largest way to eliminate this waste, reduce emissions, and save money.

The thousands of businesses and organizations that work with the Environmental Protection Agency's (EPA) ENERGY STAR program are saving billions of dollars and preventing millions of tons of greenhouse gas emissions from entering our atmosphere each year, all without tradeoffs in performance or comfort.

Isn't it time to make your building part of the solution?

Success Stories



Cambridge Savings Bank, built in 1820, improved its energy performance and proves that buildings don't have to be new to earn EPA's ENERGY STAR.



Ford Motor Company saved more than \$15 million in one year through innovative energy management strategies.



Council Rock School District reduced energy use by 40 percent in just three years, saving nearly \$5 million in energy costs.



USAA Real Estate Company increased its average ENERGY STAR score from 48 to 82 (on a 1-100 scale).

Get Started

Follow these four easy steps to get started
with ENERGY STAR:

- 1 Become an ENERGY STAR partner.
energystar.gov/joinbuildings
- 2 Assess your energy performance.
energystar.gov/benchmark and energystar.gov/targetfinder
- 3 Develop and implement a plan to reduce energy use.
energystar.gov/guidelines
- 4 Engage employees and tenants with fun, interactive tools.
energystar.gov/work

Learn more at energystar.gov/buildings



For more information
call **1.888.STAR.YES**
(1.888.782.7937)

Office of Air and Radiation
(6202J) EPA 430-F-09-077
May 2010

Recycled/Recyclable-Printed with Vegetable Oil Based Inks
on Recyclable Paper (Minimum 50% Post-consumer Content)

A Better
Building.
A Better
Bottom Line.
A Better
World.



Fight climate change
and improve the energy
efficiency of the places
where we work, play, and
learn with help from EPA.



ENERGY STAR

Make Your Building Part of the Solution with EPA and ENERGY STAR.®



Beyond Appliances: Buildings Earn EPA Label



Through ENERGY STAR, EPA works with owners and managers of our nation's commercial buildings to help them strategically manage their facilities' energy performance, cut energy use, lower utility bills, and reduce greenhouse gas emissions. An important part of this effort is EPA's recognition of top performance.

Like your dishwasher, buildings can earn EPA's mark of superior energy efficiency—the ENERGY STAR. To achieve this, buildings must be independently verified to perform among the top 25 percent of similar buildings nationwide. On average, ENERGY STAR labeled buildings use 35 percent less energy and generate 35 percent fewer greenhouse gas emissions than their peers, making them an important part of the fight against climate change.

Leading the Way: ENERGY STAR Partnership

With help from EPA, thousands of well-known organizations are saving energy and reducing their carbon footprint. Current ENERGY STAR partners include 30 percent of the *Fortune* 500, eight of the 10 largest U.S. healthcare systems, major league baseball teams, colleges and universities, congregations, and small businesses.

Come join the ranks of these environmental leaders:

Ford Motor Company | CB Richard Ellis | Food Lion | Hines 3M | New York City Public Schools | JCPenney | Merck & Co Kohls | TIAA-CREF | Marriott | USAA Real Estate Company PepsiCo | Toyota | City of Louisville | CalPortland Company Providence Health & Services | TRANSWESTERN | Raytheon

ENERGY STAR Labeled Buildings

Use 35% less energy
Generate 35% fewer greenhouse gas emissions

Compared to Average Buildings

Your Path to Energy Savings

Ready-Made Energy Management Strategy



EPA's Guidelines for Energy Management are built on the best practices of leading organizations. Use these guidelines to map out your own strategy.
energystar.gov/guidelines

Objective Energy Measurement and Tracking Tools



Assess your energy performance with EPA's objective, standardized measurement and tracking tools. You can measure and track the energy use of all your facilities and benchmark them against similar facilities nationwide. Or calculate the energy performance of new building designs and compare them to your goal.
energystar.gov/benchmark
energystar.gov/targetfinder
energystar.gov/epis

Technical Guidance



Once you know how much energy your facility uses and how it stacks up to its peers, you can develop a plan to improve efficiency. A building upgrade manual, industrial energy guides, and other tools will help you hit the ground running.
energystar.gov/bldgmanual
energystar.gov/epis

Extensive Training and User Support



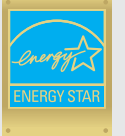
Not sure how it all works? EPA offers free online training and user support. We'll even help you find energy efficiency service and product providers in your area who can help you achieve your goals.
energystar.gov/training
energystar.gov/spp
energystar.gov/networkmeetings

Off-the-Shelf Promotional Tools



As you reduce your energy use, share your accomplishments with others and challenge them to join you. EPA offers no-cost, ready-made communication materials you can use to promote your energy achievements to customers, employees, and your community.
energystar.gov/work

Enhanced Credibility



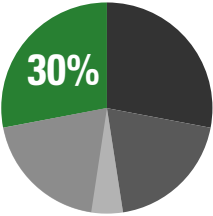
More than 75 percent of American consumers recognize the ENERGY STAR. Align your organization with a proven brand by partnering with EPA and earning the ENERGY STAR for your facility.
energystar.gov/eslabel

Your Building: Your Benefit

Focusing on your building's energy efficiency will pay dividends throughout your business. You'll reduce energy bills without sacrificing performance or comfort. Lower bills mean more money to spend on your organization's goals and mission, while helping customers and clients recognize your environmental leadership. Partnering with ENERGY STAR is more than a good environmental decision, it's a good business decision.

U.S. Manufacturing: Part of the Solution

The U.S. manufacturing industry is responsible for nearly 30 percent of all U.S. greenhouse gas emissions. Whether making steel, refining oil, or canning vegetables, energy efficiency is the most cost-effective climate strategy.



Hundreds of companies across nearly a dozen manufacturing industries are using the same successful ENERGY STAR strategy to develop strong energy management programs, earn the ENERGY STAR for their facilities, and achieve breakthrough improvements in energy efficiency.

Learn more at energystar.gov/industrial and energystar.gov/epis

Industrial plants are responsible for nearly 30% of our greenhouse gas emissions.

ENERGY STAR Labeled Office Buildings

Cost 50¢ less
(per square foot to operate)

Compared to Average Office Buildings