



EPA's ENERGY STAR Portfolio Manager

Leslie Cook

U.S. Environmental Protection Agency (EPA)

Public Sector Program Manager

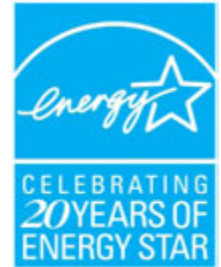
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Learn more at energystar.gov

ENERGY STAR

Commercial Buildings Program

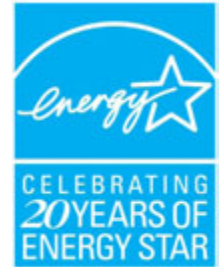


- Offers a strategic approach to energy management
- Enables building owners, managers, and tenants to save money & protect the environment
- Provides organizations with measurable information on energy savings and greenhouse gas emissions reductions from commercial buildings
- ENERGY STAR on a building = Superior Energy Performance
- Builds on strong ENERGY STAR brand recognition

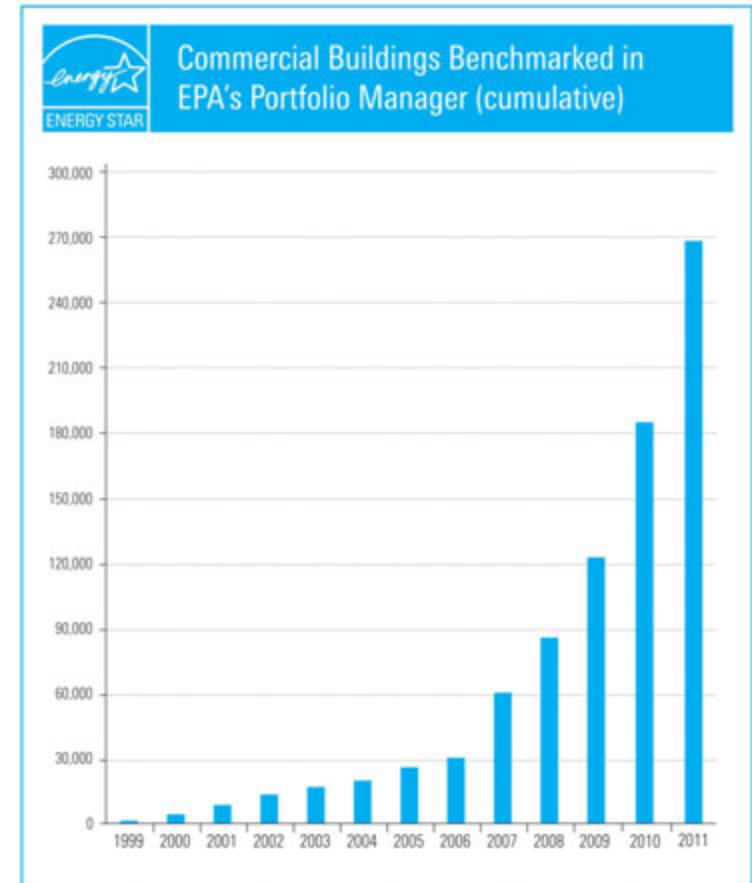
- Management Tool – Helps organizations by offering a platform to:
 - Assess whole building energy and water consumption
 - Track changes in energy, water, greenhouse gas emissions, and cost over time
 - Track green power purchase
 - Share/report data with others
 - Create custom reports
 - Apply for ENERGY STAR certification
- Metrics Calculator – Provides key performance metrics to integrate into a strategic management plan
 - Energy consumption (source, site, weather normalized)
 - Water consumption (indoor, outdoor)
 - Greenhouse gas emissions (indirect, direct, total, avoided)
 - ENERGY STAR 1-to-100 score (available for certain building types)

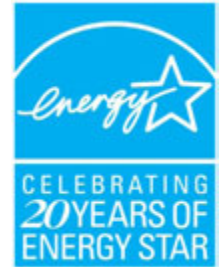
→ **Accessible in a free, online platform:** www.energystar.gov/benchmark

ENERGY STAR® PortfolioManager™



- The standard national platform for benchmarking energy use in commercial buildings in the United States
 - Tens of thousands of active accounts
 - Used by more than 250,000 buildings, representing nearly 27 billion square feet of commercial and institutional building space in the U.S.
 - Adopted by leading commercial real estate, retail, healthcare, and educational organizations
 - Reporting tool adopted by state and local governments for mandatory benchmarking laws
 - Required for use in buildings owned and occupied by US Federal Agencies
- Selected by the Canadian Government as the platform for their national energy management program for existing commercial and institutional buildings



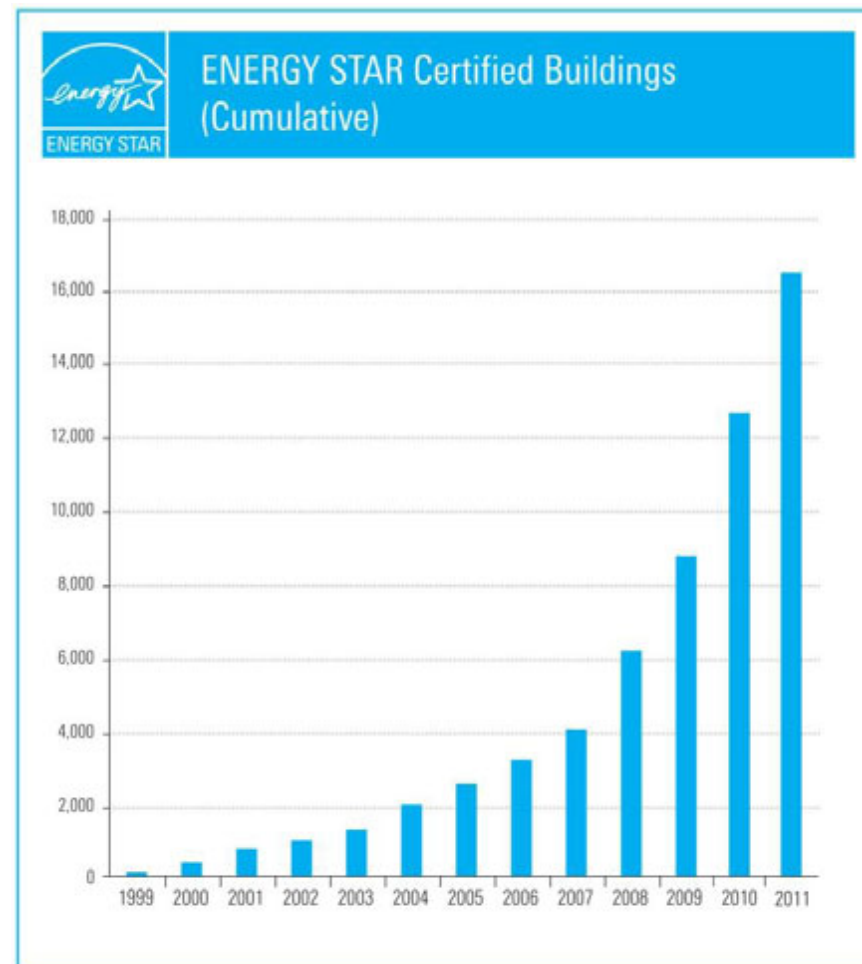


The First Step To Green Is Blue

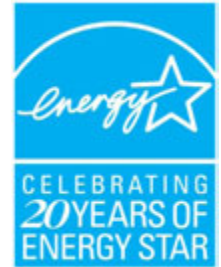
- Whichever green building certification you are considering (LEED, Green Globes, etc.), it is important to ensure that buildings are energy-efficient
- Metrics from Portfolio Manager benchmarking included in sustainable building certification programs including USGBC Leadership in Energy and Environmental Design (LEED), Green Globes, and Collaborative for High Performance Schools (CHPS)
- Requiring benchmarking after new buildings are operating will ensure they are performing as designed

ENERGY STAR Certified Buildings

- Grown exponentially in past decade
 - **30% last year alone**
- Annual savings compared to average
 - **\$2.3 billion in utility bills**
 - **12 million metric tons of CO₂e**
- Use **35% less energy** and are responsible for **35% less greenhouse gas emissions**
- Other advantages:
 - Lower operational cost
 - Increased asset value
 - Higher occupancy rates
 - Lower risk premiums

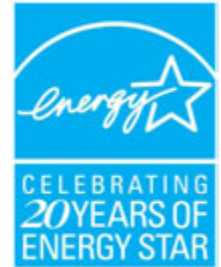


State and Local Portfolio Manager Benchmarking Policies



Jurisdiction	Enacted	Public Buildings	Private Buildings	Disclosure	Utility Requirement
New York	Dec 2012	√		Annual	
Connecticut	July 2011	√			√
Hawaii	July 2009	√			
Ohio	Jan 2007	√			
Denver, CO	Oct 2007	√			
Michigan	April 2005	√			
Philadelphia, PA	June 2012	√	√	Annual	
Austin, TX	June 2011	√	√	Transactional	
San Francisco, CA	Feb 2011	√	√	Annual	
Seattle, WA	Jan 2010	√	√	Transactional	√
New York, NY	Dec 2009	√	√	Annual	
Washington	May 2009	√	√	Transactional	√
District of Columbia	July 2008	√	√	Annual	
California	Oct 2007	√	√	Transactional	√
Minneapolis, MN	Pending	√	√	Annual	
Boston	Pending	√	√	Annual	

Federal Policy



- Federal Agencies are required to do the following:
 - Benchmark building energy use with ENERGY STAR Portfolio Manager (EISA 2007, EO 13423, EO 13514)
 - Reduce greenhouse gas emissions from energy used to run buildings (EO 13423, EO 13514)
 - Reduce energy and water use (EISA 2007, EO 13514, EO 13423)
 - Assess and report on compliance with the Guidelines for Federal High Performance Sustainable Buildings (EO 13423, EO 13514)
 - Lease only in ENERGY STAR labeled buildings (EISA 2007)
 - Set design targets for energy efficiency of new buildings (EO 13514, EO 13423)
 - Purchase ENERGY STAR qualified products (EISA 2007, EO 13514)

- Portfolio Manager Upgrade – coming June 2013
 - Easier to use
 - Completely new user interface
 - Make data entry more user friendly, like TurboTax®
 - Enhanced sharing and reporting features
 - Streamlined system database
 - Faster processing
 - Easier to update in the future
 - Modern approach to web-based data exchange
 - Quicker responses, easier integration, and improved user interface.
 - Upgraded services released for testing in September!
- <http://portfoliomanager.energystar.gov/PMupgrade>



Reference Links

- Portfolio Manager
 - www.energystar.gov/Benchmark
- Portfolio Manager Upgrade
 - www.energystar.gov/PMUpgrade
- DataTrends Analyses
 - www.energystar.gov/DataTrends