



ENERGY STAR Resources for EECEBG Projects

What is ENERGY STAR for Buildings?



- U.S. Environmental Protection Agency energy management program.
- Offers proven solutions to help building owners and managers reduce energy consumption.
- Program for new construction and existing buildings.
- Works in markets with a focus on:
 - Commercial property (offices, retail, hotels)
 - Public sector (government, K-12, higher ed)
 - Healthcare
 - Small business and congregations

Who's Improving Performance with ENERGY STAR



- **State and Local Governments** (California, Pennsylvania, Washington, DC, Austin, Louisville, Montgomery County (MD), Arlington County (VA))
- **K-12 Schools** (New York City Schools, San Diego Schools, nearly 100 Wisconsin school districts)
- **Commercial Real Estate** (CB Richard Ellis, Hines, Jones Lang LaSalle, USAA Realty, Transwestern)
- **Retail** (JCPenney, Kohl's, Target, Dick's Sporting Goods, Food Lion, Stop & Shop)
- **Hospitality** (Marriott, Best Western, Wyndham)
- **Healthcare** (Sunrise Assisted Living, Providence Health, Inova Health System)
- **Higher Education** (University of New Hampshire, City University of New York, University of Michigan)
- **Associations** (ICLEI, NACo, USCM, NASEO, BOMA, IFMA, American Association of Community Colleges, Green Hotels Association, National Automobile Dealers Association)



Leveraging ENERGY STAR in EECEBG Projects



- As you are launching EECEBG programs, ENERGY STAR resources can be integrated into existing programs or used to launch stand alone programs...

Off-the-Shelf ENERGY STAR Resources



- Portfolio Manager
- Building Upgrade Manual
- “Bring Your Green to Work” Campaign
- ENERGY STAR College Course
- ENERGY STAR Training

ENERGY STAR Tools and Resources Library



ENERGY STAR CHANGE THE WORLD, TAKE THE ENERGY STAR PLEDGE. [GO](#)

U.S. ENVIRONMENTAL PROTECTION AGENCY • U.S. DEPARTMENT OF ENERGY

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PRODUCTS ▾ Change the world, take the ENERGY STAR Pledge. Explore Products > Appliances Heating & Cooling Home Electronics Lighting Office Equipment Store Locator Rebate Finder	HOME IMPROVEMENT ▾ ENERGY STAR HOME ADVISOR Get Customized Recommendations Explore Home Improvement > Common Home Problems Home Energy Audits Air Seal & Insulate Heat & Cool Efficiently Home Performance with ENERGY STAR For Contractors	HEADLINES ENERGY STAR Award Applications Now Available Save on Summer Cooling Costs EPA Announces New Set-top Box Requirements EPA Launches New Campaign in Fight Against Climate Change New Report: Profiles in Leadership, Recognizing ENERGY STAR Winners More Headlines >
BUILDINGS & PLANTS ▾ Take the ENERGY STAR CHALLENGE! Explore Buildings & Plants > Guidelines for Energy Management Tools & Resources Library Expert Help Commercial Building Design Green Buildings	NEW HOMES ▾ ENERGY STAR Qualified Homes Take A Tour Behind the Walls Explore Qualified New Homes > Find an ENERGY STAR Builder ENERGY STAR New Home Features Benefits for Homeowners For Residential Professionals	GO TO PARTNER RESOURCES ▾ Login Username: <input type="text"/> Password: <input type="password"/>



www.energystar.gov

ENERGY STAR Portfolio Manager



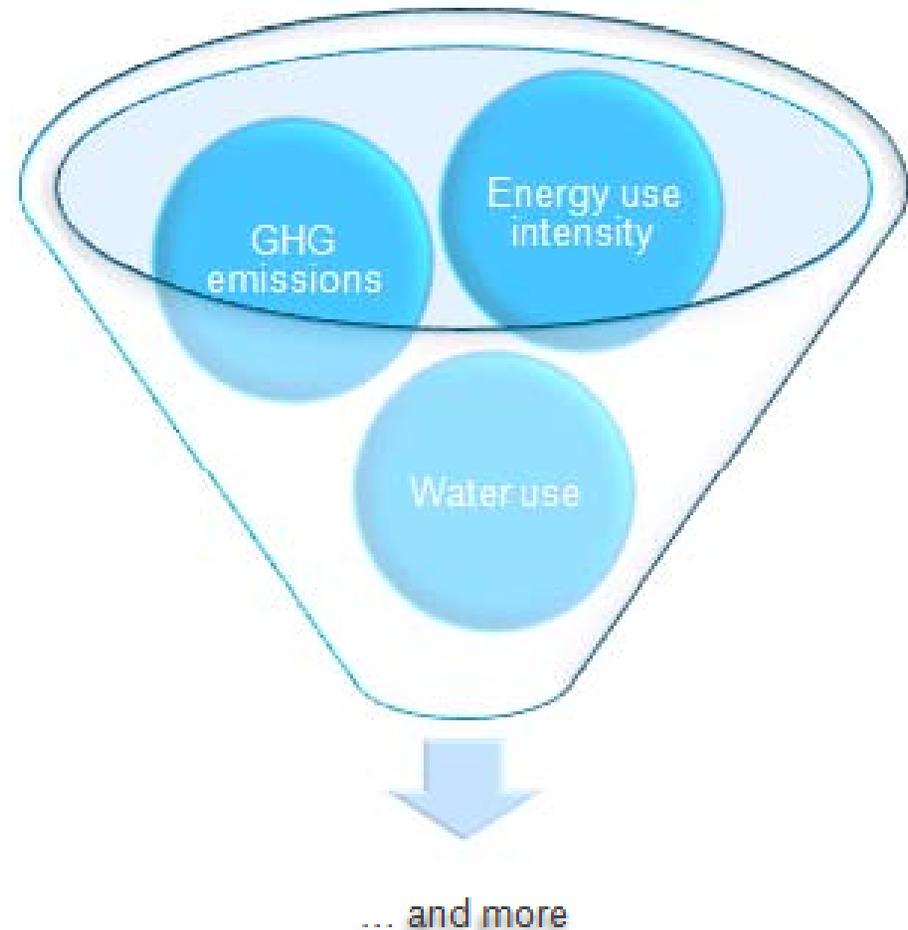
EPA's no-cost online tool: www.energystar.gov/benchmark

- Assess the whole building energy use of existing buildings (weather normalized EUI)
- Track changes in energy and water use over time in single buildings, groups of buildings, or entire portfolios
- Receive an energy performance rating (1-100 score), buildings that score a 75 or higher are eligible for the ENERGY STAR.
- Track CO₂ reductions and cost savings
- Track onsite renewable wind and solar energy use
- Custom reporting and graphing features - for your own buildings *and* external sharing

Valuable Performance Tracking for ALL Commercial Buildings



- Such as:
 - Police Stations
 - Fire Stations
 - Assisted Living Facilities
 - Convention Centers
 - Laboratories
 - Libraries
 - Malls
 - Movie Theatres
 - Restaurants
 - Stadiums and Arenas



Space Types Eligible for the 1-100 Performance Rating System



Bank/Financial Institutions



Courthouses



Dormitories



Hospitals



Hotels



Houses of Worship



K-12 Schools



Medical Offices



Office Buildings



Retail Stores



Supermarkets



Warehouses



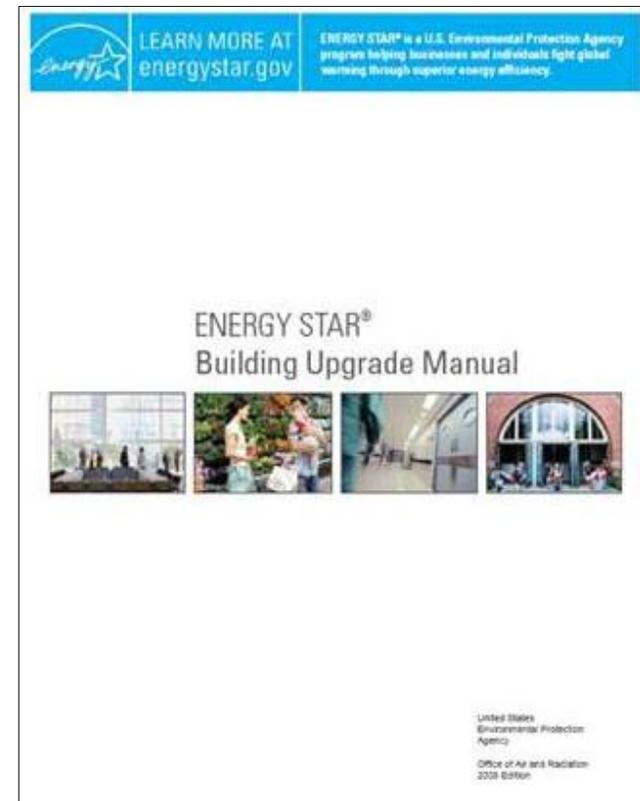
Wastewater Treatment Plants



Promote Energy Efficiency Best Practices with EPA's Building Upgrade Manual

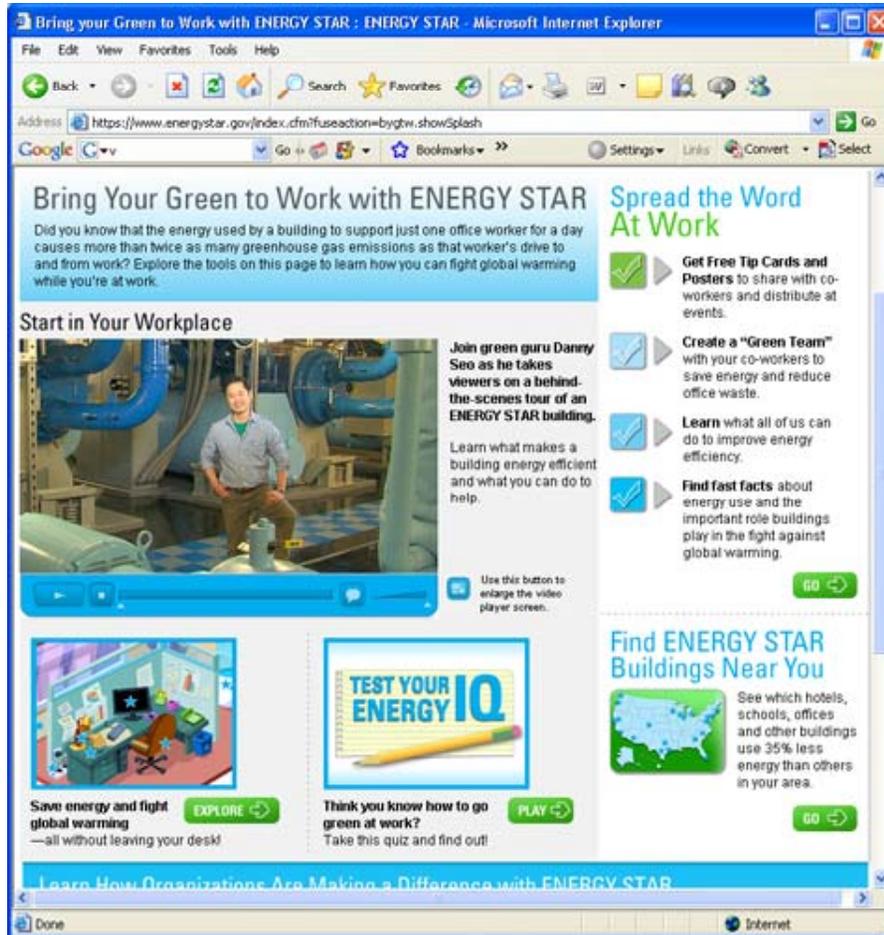


- Guidance to plan and implement profitable energy saving building upgrades utilizing best practices for cost-effective improvement.
- Expanded **benchmarking guidance**, including benefits, options, and best practices
- Updated **resources, case studies, and savings data**
- Staged approach for planning upgrades to maximize energy savings:
 - Retrocommissioning (Chapter 5)
 - Lighting (Chapter 6)
 - Supplemental Load Reductions (Chapter 7)
 - Air Distribution Systems (Chapter 8)
 - Heating And Cooling Upgrades (Chapter 9)



www.energystar.gov/bldgmanual

Engage Employees/Tenants with EPA's "Bring Your Green to Work"



Off-the-Shelf Energy Awareness Program

- Green Team checklist
- Employee Training Toolkit
- Behind the scenes tour
- Interactive cubicle
- Energy quiz
- Publications
- Fast Facts on Energy



All available at www.energystar.gov/work

ENERGY STAR College/Training Curriculum



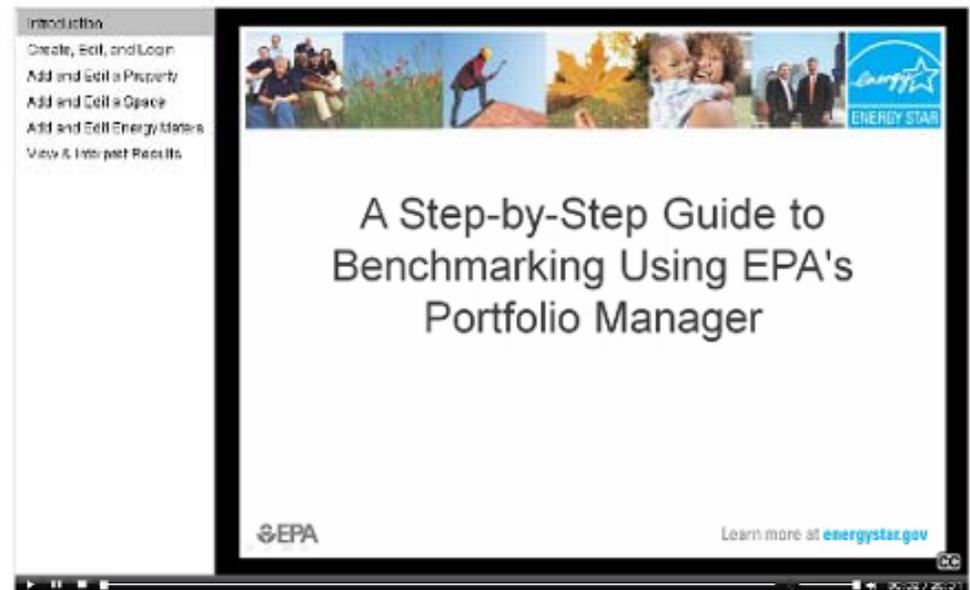
- Gives students practical, hands-on experience with commercial building energy efficiency
- Free-of-charge, off-the-shelf package from EPA
- Includes everything you need:
 - Course Syllabus, outline, and reading list
 - Student project
 - Course lecture plans and presentations
 - ...And more!
- Customize or expand it to your needs



Tap into ENERGY STAR Training Resources



- **Benchmarking Starter Kit**
 - Animated Portfolio Manager training
 - Data Collection Worksheet
 - Step-by-step Quick Reference Guide
- **Cost-free live and recorded trainings**
 - Commercial Real Estate: Best Practices to Improve Energy Performance
 - Highlighting ENERGY STAR Retail Successes
 - Computer Power Management with ENERGY STAR
 - Financing Energy Efficient Upgrades



www.energystar.gov/businesstraining

Many more available!



For More Information



Visit www.energystar.gov/buildings

E-mail buildings@energystar.gov