Going to School with ENERGY STAR
NASEO Buildings Committee

February 10, 2016

Jean Lupinacci
Acting Director of the Climate Protection Partnerships Division
US Environmental Protection Agency
the ideal …

clean air

green jobs

growing economy

resilience
the reality …

huge scope
short timeframe
limited resources
resistance to change
The biggest little label in energy efficiency

- Products: 4.8 billion
- Commercial buildings: 27,000
- Homes: 1.5 million
- Industrial plants: 130
Earn the ENERGY STAR

Top 25% of energy-efficient buildings, nationwide.

Use 35% less energy and emit 35% less CO₂ than their peers, on average.
... more than just a label
ENERGY STAR is the simple choice for energy efficiency. For more than 20 years, EPA’s ENERGY STAR program has been America’s resource for saving energy and protecting the environment. Join the millions making a difference at energystar.gov.
Benchmarking with ENERGY STAR is the industry standard.

Cumulative through 2015

• More than 450,000 properties benchmarking energy use
• More than 110,000 properties benchmarking water use in Portfolio Manager
• More than 200,000 properties benchmark energy/water using web services
• More than 27,000 properties are ENERGY STAR certified
• Track key performance metrics across a portfolio
  – ENERGY STAR 1-to-100 score available for many building types
  – Whole-building energy consumption for all buildings types
  – Track greenhouse gas emissions and water consumption
  – ENERGY STAR Score update with 2012 CBECS data beginning soon
  – Waste Tracking coming Spring 2016!
  – Potential 1-100 multifamily water performance score in development

• Implement state-wide programs in one platform
  – Set baselines for energy and water performance for all state program participants
  – Collect benchmarking results using streamlined data sharing features
  – Create custom reports and communicate results
  – Leverage ENERGY STAR recognition

→ Accessible in a free, online secure platform:
  www.energystar.gov/benchmark
ENERGY STAR makes benchmarking actionable

- Guidelines for Energy Management
- Energy Efficiency Competition Planning Guide
- Success Stories: Landlords and Tenants
- Communications Strategy Planning Guide
- “Bring Your Green to Work” Engagement Kit
- Action Workbooks for Congregations and Small Businesses

...new resources added regularly!

www.energystar.gov/buildings/tools-and-resources
Engage utility providers to support benchmarking with better access to data

• Utilities can:
  • Use ENERGY STAR performance metrics to target program resources, identifying buildings with significant energy efficiency potential
  • Promote benchmarking as an integral component of programs promoting whole-building performance improvement
  • Improve customer access to data needed to benchmark in Portfolio Manager

  ➢ New! Find Utilities Providing Energy Data for Benchmarking
  ➢ Additional resources for utilities and energy efficiency program sponsors
NASEO Buildings Committee ENERGY STAR Task Force

• Through the establishment of an ENERGY STAR Task Force, NASEO and EPA will work with key member-states to develop policy and programmatic recommendations, resources, and best practices to be shared through the broader Buildings Committee and NASEO membership at-large.

  – Launch model state-wide ENERGY STAR programs that target sectors such as K-12, Industrial, Multifamily, CRE
  – Implement successful state-wide benchmarking programs
  – Leverage local benchmarking/transparency programs
  – Improve access to whole building energy data
  – ENERGY STAR “kit” for State Energy Plans

The NASEO ENERGY STAR Task Force will be kicked off with a 2016 webinar series starting in March!
What does success look like?

Kentucky School Board Association School Energy Managers Project

- Assisting Kentucky school districts in formulating and implementing energy management plans using the seven-step ENERGY STAR Guidelines for Energy Management.
- Increased the number of ENERGY STAR certified schools in Kentucky from 12 to more than 295 since 2008
- Saving more than $68 million in avoided energy costs since 2009.
Jean Lupinacci  
**lupinacci.jean@epa.gov**  
202-343-9137

Katy Hatcher  
**hatcher.caterina@epa.gov**  
202-343-9676

Leslie Cook  
**cook.leslie@epa.gov**  
202-343-9174

Homepage - [www.energystar.gov/buildings](http://www.energystar.gov/buildings)

Join as a Partner - [www.energystar.gov/joinbuildings](http://www.energystar.gov/joinbuildings)

Portfolio Manager - [www.energystar.gov/benchmark](http://www.energystar.gov/benchmark)

Training - [www.energystar.gov/buildingstraining](http://www.energystar.gov/buildingstraining)