



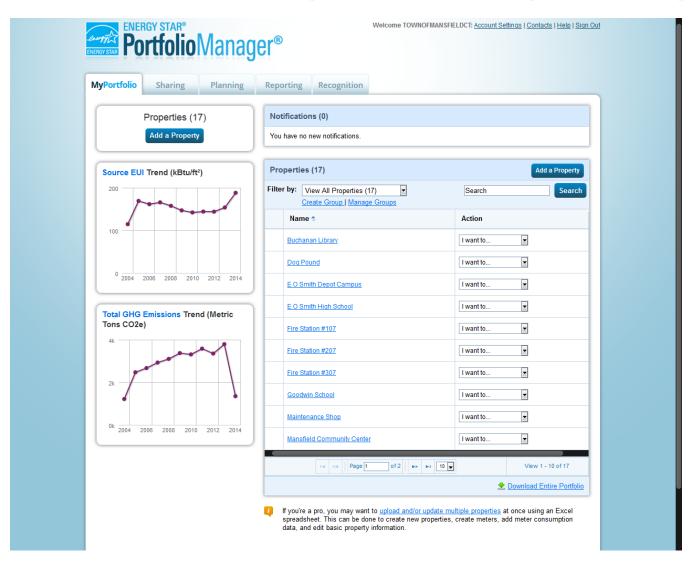
Getting Started: Evaluating Your Facility's Energy Performance

Lynn Stoddard
Institute for Sustainable Energy
at Eastern Connecticut State University

WHAT is Energy Benchmarking?

- A way to measure and track your building's energy performance.
- EPA ENERGY STAR Portfolio Manager: free, online benchmarking tool used in Connecticut and nationally. 40% of US commercial building space is already benchmarked in Portfolio Manager. Tracks energy and water use.
- Compares your nursing home to similar nursing homes nationwide through an Energy Star score of 1-100.
- Provides Energy Use Intensity energy used per square foot per year.

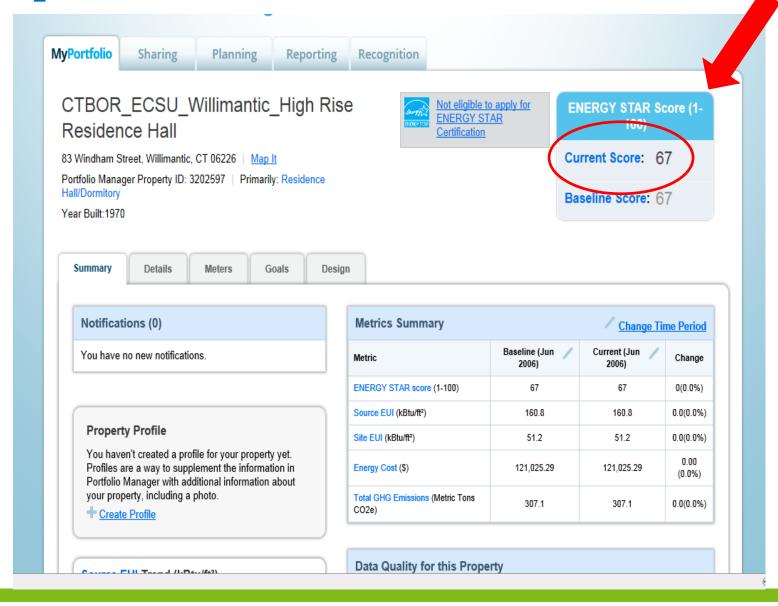
Portfolio Manager - energystar.gov



WHY Benchmark?

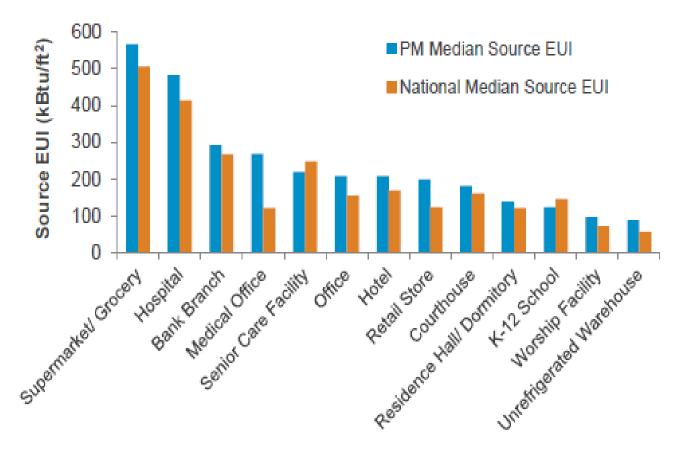
- Compare Compare your building's energy performance to other similar buildings.
- Manage The average building wastes about 1/3 of energy used. Use energy data to help control energy use and identify energy and cost-savings opportunities.
- Track Track energy use, costs, greenhouse gas emissions, water use for your building over time, including reductions resulting from energy improvements. Use this data to promote energy upgrades, document savings, report back to key stakeholders.

Compare



Compare

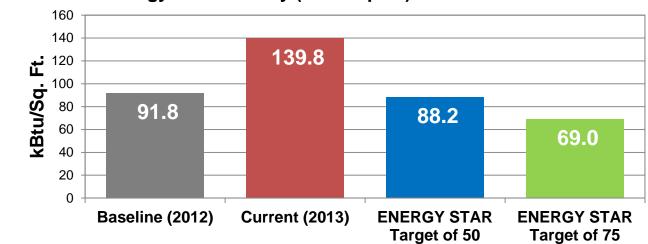
Median Source EUI



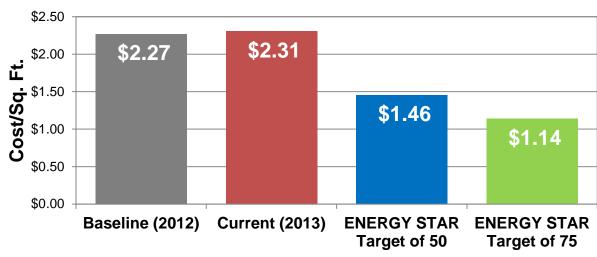
Some building types excluded due to inadequate data and/or EUI values beyond this range

Manage

Site Energy Use Intensity (kBtu/Sq. Ft.)



Cost/Sq. Ft.



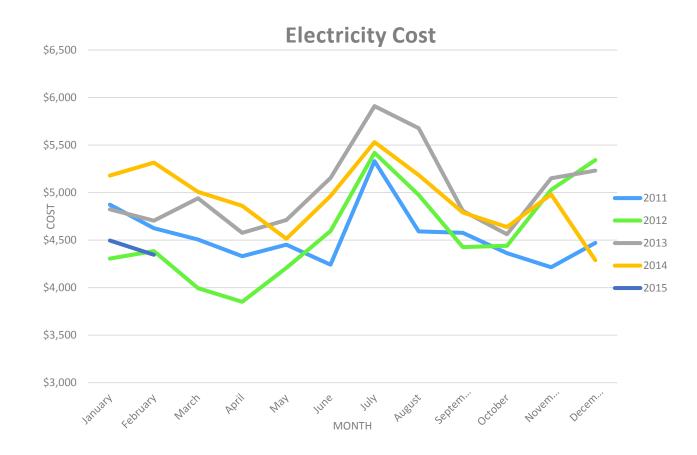
Track

Total Annual kBtu by Energy Source (2014)



Total Annual kBtu by Energy Source (2014)





HOW to Benchmark

- Your Portfolio Manager building category: "senior care community," includes nursing homes and assisted living facilities with a mix of living options (independent, assisted, and/or skilled nursing).
- Enter building and operational use details (number of units, number of workers, equipment, etc).
- Enter monthly energy and water use by meter.

HELP with Benchmarking

The Institute for Sustainable Energy provides benchmarking support throughout CT to:

- Set up your accounts
- Help you enter energy data
- Help you generate graphs of energy use
- Train your staff to maintain and use Portfolio Manager
- Connect you to Energize CT programs to save energy and costs

"You can't manage what you don't measure!"

Contact Info

ISE/BenchmarkCT Help Center: benchmark@energizect.com 860-465-0297

Lynn Stoddard, Director Institute for Sustainable Energy at Eastern CT State University 860-465-2813 stoddardl@easternct.edu



The Institute for Sustainable Energy

"To identify, develop and become an objective energy and educational resource regarding the means for achieving a sustainable energy future for Connecticut."



We believe that a sustainable world is possible. We work to make that possibility a reality.

