



Questions from Communities  
on Portfolio Manager

- Views
  - 11 standard views
  - Unlimited number of customized views
    - Includes 7 column headings
  - Available at the building and portfolio level
  - Export to Excel for further analysis
- Statement of Energy Performance
- Energy Performance Report
  - displays either summary or comparative energy performance for facilities in your portfolio.
  - Delivered in 1 day in Excel format via Email
- Customized reports

- Choose from 8 report templates
  - Baseline comparison
  - Benchmark performance
  - Current facility status
  - Emissions performance
  - Energy performance
  - Utility cost report
  - Water performance report
  - Water/Wastewater Energy Performance
- Select facilities and reporting period
  - single, comparative, or range of dates
- View as data tables or graphs
- Export to Excel, XML, CSV, or PDF

- Score (aka Rating)
  - Easy to understand scale from 1 to 100
    - Based on an energy efficiency ratio
      - Actual Source EUI/ Predicted Source EUI
  - Higher score (rating) = higher energy efficiency
- Energy use intensity (EUI)
  - Total energy used in one year divided by the square foot
  - Weather normalized energy use per square foot
  - Measured in kBtu's per square foot
  - Lower EUI = higher energy efficiency

- *National Average Source Energy Use and Performance Comparisons by Building Type*
  - [http://www.energystar.gov/ia/business/tools\\_resources/new\\_bldg\\_design/2003\\_CBECSPerformanceTargetsTable.pdf](http://www.energystar.gov/ia/business/tools_resources/new_bldg_design/2003_CBECSPerformanceTargetsTable.pdf)
- Both the Score (rating) and EUI are based on the Source EUI
  - Equality?
  - Score (rating)
    - Easily understood
    - Easy to compare

- Does anyone have a contact for Automated Benchmarking Services through ComEd?
- Kevin Bricknell,  
630-437-3118
- [http://www.energystar.gov/index.cfm?c=spp\\_res.pt\\_spps\\_automated\\_benchmarking](http://www.energystar.gov/index.cfm?c=spp_res.pt_spps_automated_benchmarking)

- Industry specific partner resources
- Unique opportunities to leverage the trusted ENERGY STAR name
  - Display ENERGY STAR Partner logo
- Participate in ENERGY STAR recognition opportunities
  - ENERGY STAR Leaders
  - Partner of the Year
- ENERGY STAR account manager

- Average Influent Biological Demand (BOD5) Concentration (mg/liter)
- Average Effluent Biological Demand (BOD5) Concentration (mg/liter)
- Plant Design Flow Rate (million gallons/day)
- Is there a trickle filtration process present at this plant?
- Is nutrient removal part of the treatment process?
- Average influent flow meter
  - Annual average influent flow (million gallons/day)

- Accounts for CO<sub>2</sub>, CH<sub>4</sub>, N<sub>2</sub>O
- Includes:
  - Fossil fuels consumed on site (direct emissions)
  - GHG emissions generated at the power plant (indirect emissions)
- Methodology for Greenhouse Gas Inventory and Tracking Calculations
  - [http://www.energystar.gov/ia/business/evaluate\\_performance/Emissions\\_Supporting\\_Doc.pdf](http://www.energystar.gov/ia/business/evaluate_performance/Emissions_Supporting_Doc.pdf)
  - The process of computing GHG emissions is not based on cost data

- What does “more than 50% cooled or heated mean?”
  - More than 50% of the gross floor area (square footage) CAN BE cooled and or heated

- **Definition:**
  - collection of facilities that are located within the same geographical area and have energy and/or water meters that are shared across multiple facilities within the campus
- Provides a central view of all campus facilities and a calculated combined energy usage based on combined floor space
- Energy usage can be derived from:
  - campus-level meters (used by multiple facilities) and,
  - separate meters for individual facilities
- **Examples:**
  - Higher Ed/Universities, Office parks, or Retail Campuses or Strip Malls.

ENERGY STAR Web site:

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

DOE Solution Center:

[www.eere.energy.gov/wip/solutioncenter](http://www.eere.energy.gov/wip/solutioncenter)

DOE Technical Assistance Center:

<https://tac.eecleanenergy.org/>

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