Better Buildings
U.S. DEPARTMENT OF ENERGY

Best Practices in Industrial Data Management

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Industrial Data Management

What is energy data management?

- Monitoring
- Recording
- Analyzing
- Reporting
- Verification

Strategic Importance of Robust Data Management

- Provides data with a purpose
  - Without purpose, you can lose focus and drown in all of the data
- Results in high quality data
  - Useful data must be accurate and ready to use when needed
  - Data validation
  - Data normalization is important
    - May explain unexpected poor performances due to other variables (e.g. changes in weather data or production data)
- Reveals the big picture and next steps
  - Even if started only for cost allocation, it can identify larger opportunities to take things to the next level
  - A good interface can help decision-makers visualize the impact and the progress made

Current Related AMO Activities

- Better Plants
  - Corporations set a goal, establish baseline, track energy use, and report data
- Superior Energy Performance (SEP)
  - Facility-level certification and recognition program to demonstrate energy management excellence and sustained energy savings