Large Commercial Buildings: Re-tuning for Efficiency

Collect Initial Building Information
Six Primary Steps of Re-Tuning

- Collecting Initial Building Information: Basic building information
- Pre-Re-Tuning Phase: Trend-data collection and analysis
- Building Walk Down: Getting to know the building
- Re-Tuning: Identifying and correcting operations problems
- Post Re-Tuning: Reporting re-tuning findings
- Savings Analysis: Determining and reporting the impacts
Information to Collect

- Overall building geometry
  - Approximate gross square feet
  - Number of floors
  - General building shape

- Type of heating ventilation and air conditioning (HVAC) system(s)

- Approximate number of zones

- Approximate number of each major type of equipment
  - Boilers
  - Chillers
  - Air handlers

- Type of building automation system (manufacturer, model, version)
Collecting Basic Building Information

- If you manage the building, you probably have all or most of this information at your fingertips.
- Gather information to guide selection of trend logs to set up in the next phase.
- Determine the overall design of the building and its mechanical systems.
QUESTIONS?
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