
Honeywell Energy Manager
Energy costs are one of the largest operational expenses – and every dollar spent on inefficient energy use is a lost opportunity for investing in other parts of your business. That’s why Honeywell Energy Manager provides a comprehensive solution for analyzing and optimizing energy performance throughout your organization. As an application within Honeywell Enterprise Buildings Integrator (EBI), Energy Manager integrates seamlessly with other building applications, providing the control you need to optimize daily usage and manage the uncertainty of volatile energy markets.

So how does it work? Energy Manager collects, stores and processes facility metering and other sensing data to transform it into the knowledge needed to make better energy optimization decisions. In addition to improving energy performance, the information collected will help you forecast energy demand and analyze the impact of changes in purchasing and consumption.

Energy Efficiency Means Enterprise Agility
Achieve Comprehensive Energy Management

**Meter Management**
Meter management helps you understand your baseline energy use in real time. Energy Manager uses industry proven algorithms for data validation to clean, interpolate and manage data from multiple types of meters.

**Alarm Management**
Energy Manager will generate alarms based on your preset thresholds for energy demand, forecast loads and variable price factors. You can configure custom rules along with standard alarms for building systems and energy management.

**Flexible Reporting and Analysis**
Comprehensive reports are customizable and provide advanced charting, graphics and analytics. Energy Manager Web Reports provides a set of interactive reports presenting facility energy performance from multiple perspectives. Reporting parameters can be changed to investigate different aspects of the collected and stored energy data.

**Baseline Management**
Benchmark a facility against itself or similar facilities across your organization, capture performance data and prioritize improvements. Energy Manager Baseline Management calculates an estimated baseline each day and each hour of the day to analyze actual performance against the estimated baselines.

**Trending**
Before investing in capital equipment, Honeywell Energy Manager can forecast potential benefits and verify your energy management strategies.

Advanced Energy Modeling
Energy Manager’s exclusive algorithms incorporate weather patterns, historical usage and real-time updates to continuously refine your demand forecast for electricity, natural gas, heating and cooling loads over both the short term (the next 24 hours) and long term (31 days ahead).

**HVAC Analysis**
Honeywell Energy Manager identifies correlations between your equipment settings for heating, ventilation and air conditioning (HVAC) and your system energy demand. This enables you to fine tune your system control algorithms and set points to maintain peak efficiency and optimized energy performance.

**Regression Modeling**
Energy Manager can generate the coefficient of multiple linear regressions with dependent and independent parameters. It can also generate and modify baseline values with parameters such as weather data to compare actual consumption to a baseline model or to benchmark against similar facilities.

**Enterprise Load Management**
View and manage facility equipment through a single graphical interface. Energy Manager Enterprise Load Management will monitor demand as well as control electrical loads and generators to reduce demand peaks. It can monitor demand readings during each demand interval and raise alarms when demand limits are likely to be exceeded. You can also configure Enterprise Demand Management to automatically manage loads and generators to avoid reaching these limits as well as assign load-shed values and sub-meter equipment to ensure it operates within specification.

**Key Benefits of Energy Manager**
- Identify and reduce peak energy demands that drive up costs.
- Validate and better understand utility data.
- Optimize equipment start and stop times.
- Use data to help negotiate lower energy rates.
- Identify employee equipment overrides that increase costs.
- Implement powerful load curtailment strategies.

**Optimize Your Energy Supply**
Honeywell Energy Manager can also interface with certain utility markets to expand your energy supply options.

**Support for ISO 50001**
Honeywell Energy Manager supports organizational efforts to comply with energy procedures and standards such as ISO 50001.
Increase Control. Lower Costs. Today.

Honeywell Energy Manager can be configured to meet the needs of virtually any application, from commercial buildings to airports, hospitals, schools and campuses, as well as industrial sites, pharmaceutical plants, government facilities and more.

Contact us today to find out what Energy Manager can do for your organization.