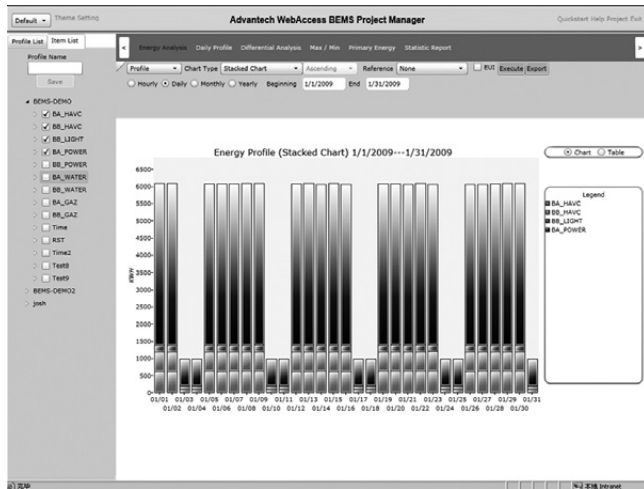


Advantech BEMS

Building Energy Management System



Features

- Browser-based energy management system
- Rich charts to view energy consumption from various perspectives
- Supports flexible report functions
- Various data analysis functions to generate energy consumption patterns
- Advanced demand limit control
- Geographic Information System (GIS) for energy management across multiple buildings

Introduction

Advantech BEMS is a set of advanced Web-based energy management system aiming at helping customers with energy consumption management. This system can collect energy consumption data of different classifications and sub-items. Customers can create energy management projects and groups to manage these data according to their requirements. Various charts and its statistical analysis function can help customers to find out an optimized energy-saving strategy.

Specifications

Energy Profile

Each management group provides energy consumption profile on a hourly, daily, monthly and yearly basis, and thus helping customers to know its own energy consumption situation and finding out the abnormal value. All kinds of related energy consumption indicators, such as Energy Use Intensity (EUI) provide data support to energy consumption statistic and energy audit. Some reference functions, such as temperature and humidity help to analyze the correlation between consumption data and environment data.

Energy Ranking

Energy consumption ranking during different time periods helps to find out the energy efficiency device units.

Energy Comparison

Energy comparison between different energy management groups during different time periods.

Average Daily Profile

Average daily profile per 15 minutes on each day. It helps customers to know its energy consumption pattern and find out the peak requirement more than expected; therefore customers can refer to it when signing the contract with power company.

Deviation Report

Deviation between energy consumption value and set value during different time periods on any day. The red value represents the increment trend of energy consumption.

Max/Min Value Analysis

Max/Min value during different time periods helps to analyze the relations between energy consumption and time.

Primary Energy Profile

Converts energy consumption to heat (MJ), standard coal, crude oil and coal as well as other primary energy consumption value and their relative CO2 emission value.

Cost Profile

Each management group provides cost profile on a daily, monthly and yearly basis. It calculates the cost based on the data in the energy table and rate structure in order to manage the energy cost. Customers can set an energy consumption benchmark. Set the budget based on the deviation from the actual cost will contribute to the decreasing of the risk in the process of purchasing.

Cost Ranking

Energy consumption cost ranking during different time periods helps to find out the max./min. energy efficiency device units.

Statistical Report

Statistics report (Y/M/D) with classification and sub-items allows customers to view clearly the energy consumption and helps them to make a reasonable allocation and use of energy.

Ordering Information

- **WebAccess-70-AE** WebAccess V7.0 software suit package
- **968W0070A0** WebAccess BEMS control file

Note: Users need to have WebAccess HMI/SCADA and its control file, and purchase BEMS Software including WebAccess-70-AE and 968W0070A0