ADRES Automated Demand Response and Energy Savings BUILDING AUTOMATION SYSTEM INFORMATION RESPONSE

ENERGY PROCUREMENT AND MANAGEMENT DEPARTMENT ADVANTAGES AND CONSIDERATIONS

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Energy Management Department

The Energy Management Department that is responsible for electric, gas, and water utilities can utilize that ADRES Controller to provide procurement strategies. With the ADRES Controller tracking energy consumption, trending data, and weather data the Energy Management Department can optimize wholesale energy procurement strategies or select an optimized utility rate structure for a region or buildings.

The ADRES Controller can provide real-time or scheduled demand response to reduce energy costs while maintaining the store environment.

Future addition of Solar PV and battery systems, small commercial wind turbine systems, backup emergency generator systems, advanced lighting systems can all be controlled, monitored, alarmed, programmed and configured by the corresponding ADRES unit type controller.

Some of the Energy Management and Utility Highlights:

- The ADRES Controller provides energy consumption, trend data, with weather data to project energy consumption requirements for different times of the year.
- Automated Utility accepted and approved Measurement and Verification system.
- The ADRES Controller can trend, graph, and report energy consumption associated with individual building systems (e.g. HVAC, Lighting, etc....)
- ➤ The ADRES Controller unit can be programmed to participate in Demand Response Programs.
- The ADRES Controller uses Utility verified Measurement and Verification reports to participate in Utility Rebate and Incentive Programs.

ADRESpro HVAC Trend Report Example

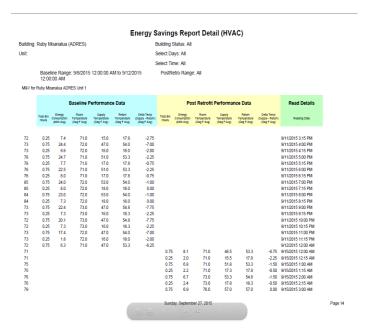




ADRESpro electric meter detailed report sample. Graphical trending of the data is also available.



Tabular HVAC summary M&V performance data is shown within the following report sample:





HVAC summary M&V performance report sample:

