

# ENTERPRISE ENERGY MANAGEMENT

www.energyctrl.com

*Energy Control Inc. (ECI) offers custom design and LEED-certified engineering of Enterprise Energy Management Systems (EEMS)*

ECI can integrate building automation with a smart meter system to capture energy data from individual or multiple buildings. This data can then be used to analyze and manage building control systems in real time; allowing staff to troubleshoot problems, review carbon footprint, or manipulate building systems to decrease mechanical loads on the electric grid.



## CONTROL BUILDING SYSTEMS

- *Heating and cooling plants*
- *Ventilation systems*
- *Lighting control*
- *Direct digital control systems*
- *Mechanical and electrical equipment*
- *Special systems; security, fire, etc.*

By creating key performance indicators (KPI) within the energy management system, the user can assess the effectiveness of building operating systems and energy performance. The KPI parameters are custom designed to fit project goals. A custom Dashboard will provide tools to develop, manage, and control energy initiatives and make informed decisions on current status and future measures.

ECI can perform meter studies and detailed energy audits and has extensive experience deploying technology to acquire data from meters, measurement devices, etc. to provide information to enterprise systems. After meter instrumentation is installed/integrated, data communication is established to create measurement and verification (M&V) data, and enterprise functionality is enabled. This M&V system functionality will: normalize, aggregate, monetize and summarize Energy information that was previously unavailable.



## *ECI offers real-time Energy Management*

ECI is a distributor for third-party Energy Business Intelligence software. Managing building systems is data-driven and requires access to information and the ability to manipulate extensive amounts of data. Converting terabytes of energy and building information is a major challenge and ECI can deliver EEM systems designed to change data into knowledge.

## A SMART BUILDING LEADER

- *Carbon Footprint analysis*
- *Renewable energy design/build*
- *Intelligent building technologies*
- *Smart Grid / GridWise member*
- *Demand Response*
- *Energy storage technologies*
- *Galvin Electric Initiative building champion*



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*Using technology to improve the use of energy and create a better environment*