

# Heating, Ventilation & Air Conditioning

Providing Building Environmental Control

Energy efficiency in building control is not an after-thought at Energy Control Inc., its common practice.

ECI's core philosophy is based on the belief that all buildings can

**Mission** *efficient, comfortable working & learning environments*

maintain a maximum environmental comfort level and still achieve cost savings and effectiveness. Bringing this concept to realization is what makes ECI a premier supplier of HVAC Control Systems.

Some of the key solutions include:

## Direct Digital Controls (DDC)

The use of DDC systems is paramount to inter-operability of building systems and increased staff effectiveness.



## Heating & Cooling Plants

ECI offers energy-efficient mechanical equipment for heating and cooling plants.



**Mechanical Equipment Audits** Equipment useful life, replacement cost, and performance are studied to assist in Master Plan development.

**Detailed Energy Analysis** ECI performs energy use audits and cost analysis to determine the feasibility of efficiency retrofits.

## Renewable Energy Resources

ECI offers design/build services with LEED certified engineering for wind, solar and earth (GHP-ground-source heat pump)



applications. These renewable, clean sources of energy can provide lighting, temperature control, hot water and electric generation.

**Performance Contracting** ECI can offer guaranteed savings created from reduced utility consumption, operating costs and building systems efficiency. This savings guarantee allows for third party financing and makes it possible to pay for the project within a facilities annual budget by extending payments over a ten-year period.

**Systems Integration** ECI provides engineered and installed integrated systems with Delta Controls BACnet®, Tridium Niagara™ and Echelon LonWorks™. Customers are able to bring inter-operability to all building automation systems via these proven integration technologies.

ECI is proficient in all building systems and can offer full-circle integration.

## BACnet® System Control

Energy Control uses BACnet® from Delta Controls to bring multiple system functionality to building automation systems. Not only can facility operators control multiple vendor HVAC systems, but additional automated building systems as well. This includes lighting, fire alarm & life safety, security systems, access, voice, video, data, etc.



Building, Campus, or District-wide automation systems can be controlled through a single station or remotely operated from across campus, town or the world.

**ECI RED** Energy Control has created a dashboard portal to control HVAC systems with functionality and data security



in mind. This not only insures internal efficiency, but increases the level of occupant comfort by streamlining operations.

*We have the solutions for your buildings environmental needs.*

## Rooftop and internal Heating, Ventilation, & Air Conditioning

ECI brings together all aspects of building environmental control with highly-efficient HVAC equipment.



**Energy Control Inc.** is capable of providing any degree of automation required. This ability allows customers to outsource some or all of their facility management or systems and event monitoring.



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