



Intelligent Energy Management



National Energy Technologies, Inc. offers EcoSmart energy management technology as well as EthoStream high-speed Internet access solutions. Both product lines fulfill our commitment to intelligent energy management, product innovation and technological expertise, and have been installed in several hundred thousand rooms worldwide.

What Sets EcoSmart Apart?

EcoSmart is a highly evolved energy management solution with many innovative features:



Recovery Time Technology

This technology maximizes energy efficiency without compromising room comfort.

EcoCare Service & Support

Representatives proactively monitor network status and initiate necessary repair solutions to ensure a consistent thermal experience.

Refresh Cycle

Effective passive dehumidification keeps humidity at manageable levels.

Remote Monitoring & Control

EcoCentral Virtual Engineer, a cloud-based command platform, enables complete control of individual rooms or multiple buildings.

The EcoSmart Value Proposition

The EcoSmart solution reduces equipment runtime and energy consumption in unoccupied rooms by 20-45% and typically achieves ROI in 18-36 months.

EcoSmart Installation and Functionality

The EcoSmart suite of products is compatible across many HVAC systems, and can integrate with building automation networks and property management systems for complete control.

EcoSmart is designed to perform most successfully in hotels, university residence halls, military residence halls, and similar intermittently occupied spaces.

Sheraton Dallas Hotel

Location: Dallas, TX

Market: Hospitality

Rooms: 1,840

Runtime Savings: 45.3%

New York University

Location: New York, NY

Market: Education

Rooms: 4,629

Runtime Savings: 30.6%

"The ability of the [EcoSmart] system to monitor itself, assist our hotel manager in responding to guest comfort issues from a remote location without the necessity of visiting the rooms, and being able to see the savings we accrue on a room-by-room basis are all substantial reasons for our selection of EcoSmart."

Stephen Pletcher
Senior Vice President - Pyramid Hotel Group
Crowne Plaza Times Square, New York

"EcoSmart products provide excellent energy savings, but they also provide a huge upgrade to resident experience when compared with traditional fan coil controls – they don't just save energy, they look great too."

Dave MacKinnon
Facilities Manager - University of California, Davis