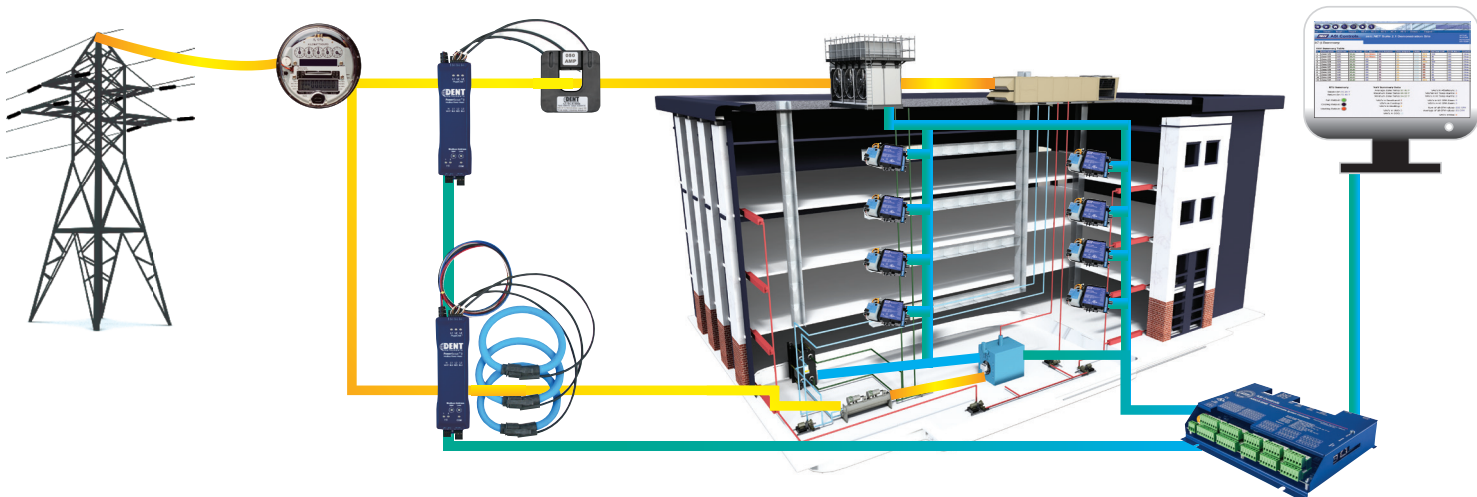


# ENERGY MANAGEMENT SOLUTIONS



## Building Automation and Energy Cost Savings

We provide tools to implement scheduled control of building environments. Our systems can automatically control facility energy costs using capabilities that include demand limiting, load shedding, optimum start, and Modbus for control of VFDs and other energy efficient devices. ASI Controls Energy Management Systems (EMS) can provide facilities with automated climate control, browser based monitoring, and verifiable, persistent energy cost savings.

- ◆ **Modbus and BACnet interfaces** for easy integration
- ◆ **Demand Limiting, Load Shedding** and **Optimum Start**
- ◆ **Web front end** integrates CCTV, access, and other systems
- ◆ **JASIC Open Systems** line offers Niagara AX options
- ◆ **Extensive backwards compatibility** for lifecycle value
- ◆ Web access to **energy demand, consumption, and power data**



# ASI Controls

Reliability ★ Performance ★ Value

NiagaraAX Framework is a trademark of Tridium Corporation  
BACnet is a registered trademark of ASHRAE  
LON is a registered trademark of Echelon Corporation  
OPC is a registered trademark of the OPC Foundation  
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# TAKE CONTROL OF ENERGY COSTS

## ASI Controls EMS functionality includes:

- ◆ Automated alarm and event notifications
- ◆ Historical data archiving in an ODBC database
- ◆ Advanced graphing and reporting with easy CSV data export
- ◆ Energy management including demand control, report subscriptions, optimum start
- ◆ Modbus, BACnet MS/TP or BACnet/IP integration to pumps, drives, meters, etc.

## EMS Saves Hotel \$127,000

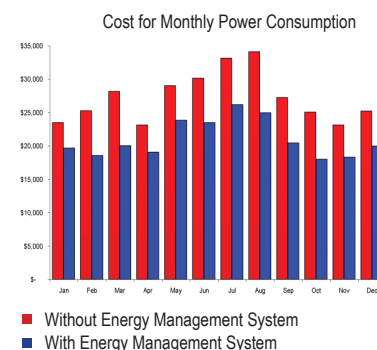
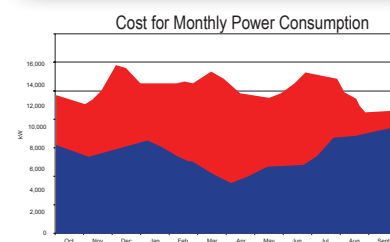
A major international hotel chain retrofitted an ASI EMS at their Anaheim location to control air distribution systems, cooling towers, and a 3,150 Ton Chiller Plant. The ability to deliver energy savings while maintaining guest comfort led the company to do ASI EMS retrofits at their other locations.

## Automated Cost Control for Small Outlets

ASI networking and energy management features can provide energy cost savings, remote monitoring, and control for networks of small stores. Systems integrator TEMSCO leveraged two decades of experience with EMS to deliver solutions providing net positive monthly cash flow for fast food and other networked retail outlets with challenging ROI requirements.

## Persistent Control of Facility Energy Costs

Envirotrols Group used the Demand Limiting and Load Shedding capabilities in ASI systems to lower operating costs and reduce the carbon footprint at over 60 climate controlled Safeguard Self Storage facilities. The payback for these projects averaged 9 to 18 months. Automated reporting helps verify savings and ensure consistent returns.



# ASI Controls

Reliability ★ Performance ★ Value



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