

We help hospitals deliver excellence while reducing operating costs. Magnitude's Intelligent Power Optimization™ system reduces energy use while equipment is ON, and provides essential information so management can identify energy waste, and implement a strategy and measure effectiveness.

Our impact on these facilities brings finance and facility operations leadership a predictable, guaranteed savings program with no technical or financial risk. Our technology has delivered guaranteed savings for Hilton, Marriott, Holiday Inn and many other leaders and is ideal for best in breed assisted living operators.



Intelligent Power Optimization™—iPOS™

Magnitude's whole-systems approach is the custom integration of hardware to optimize power distribution and system performance with web-based software that provides utility usage intelligence.

Key benefits:

- Reduce electricity use by 10—20% or more
- Save money when equipment is ON —not by shutting it off
- Real-time *Energy Intelligence* to optimize decisions
- **Cost savings guaranteed by performance bond**

Power Optimization

Power Optimization is the custom integration of hardware embedded in your facility to optimizes equipment performance, improve power quality and thereby reducing resistance and distribution line loss. Optimization technologies include:

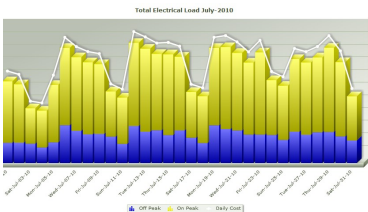
- Distributed synchronized capacitance
- Harmonic mitigation
- Molecular-level temperature modulation
- Molecular boundary lubricant
- Liquid pressure amplification
- LED-based intelligent lighting systems
- Ultra high efficiency ECM fans
- Intelligent cycling controllers
- Voltage regulation
- AC sine-wave modification

Magnitude Information System™—MIS

If it isn't measured, it can't be managed

The MIS is a simple yet powerful web-based management tool that supports operational and strategic decisions. Utility data, which is gathered by a network of wireless sensors and sub-meter, is analyzed in real-time and transformed into actionable intelligence, which can be customized to meet the need of the audience: operations, executive or the public. Energy information, properly conveyed, will change organizational behavior to meet your strategic goals.

Demand Management



Carbon Tracking



Customized Dashboards



Public Education



Success Story: University Hospital

Annual electric spend:
\$ 355,099.

Guaranteed Savings:
\$36,159/yr

Lifetime Savings: **\$433,912.**
Projected Payback:
36 months

