

We help manufacturers lower their cost of goods without behavior or scheduling changes. Magniture's Intelligent Power Optimization™ system reduces energy use when 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 Tempur-Pedic, GE, Stryker, and many other leaders and is ideal for best in breed manufacturing operators.



## Intelligent Power Optimization™—iPOS™

Magniture'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. Refrigeration optimization technologies include:

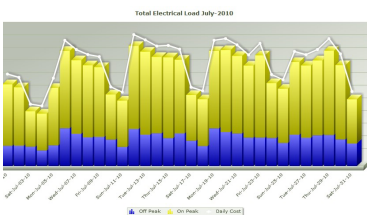
- Distributed synchronized capacitance
- Harmonic mitigation
- Molecular-level temperature modulation
- Molecular boundary lubricant
- Liquid pressure amplification
- LED-based intelligent lighting systems
- Ultra high efficiency ECM fans
- Intelligent cycling controllers
- Voltage regulation
- AC sine-wave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

## Magniture 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: Tempur-Pedic Mattress Manufacturing



**Guaranteed Savings:**

**15.2%**

**Realized Savings:**

**20.6%**

**Payback:**

**24 months**

