The Intelligent Use of Energy (IUE™) works around the clock to avoid emergencies, optimize your resources and deliver energy savings.

- Working with your Building Managers, our Certified Energy Managers monitor and fine-tune your buildings and keep them optimized.

- Our proprietary software uses artificial intelligence (AI) and neural networks to "learn" a building's behavior .

- AI optimizes machine performance by predicting consumption precisely, sending proactive alerts and automatically optimizing device settings.

- Our technology can incorporate solar and wind energy, battery storage and other green technologies.

- System data is accessible 24/7 on all desktop, tablet and smartphone platforms.

## Intercap Energy Systems
moving energy to your bottom line

- Intercap Energy offers energy and building optimization services for cities, hospitals, universities, corporate campuses and airports around the globe.

- Our mission is to deploy our cutting edge, patented technology to save energy and keep your buildings tuned.

## Today's Facility Manager

needs to monitor multiple data inputs,
predict the future,
fix problems before they occur,
save energy,
stay on budget,
keep air quality high
and make building occupants happy.

**Simultaneously.**

**What could possibly go wrong?**

## Contact

David R. Weaver, Chairman & CEO
drweaver@intercapenergy.com
www.intercapenergy.com

Cell: 617-319-1355
Boston office: 617-337-0123
Fax: 617-812-1078
Miami office: 305-238-7708

## Actual and Predicted Building Demand



## Static Air Pressure Optimization Agent
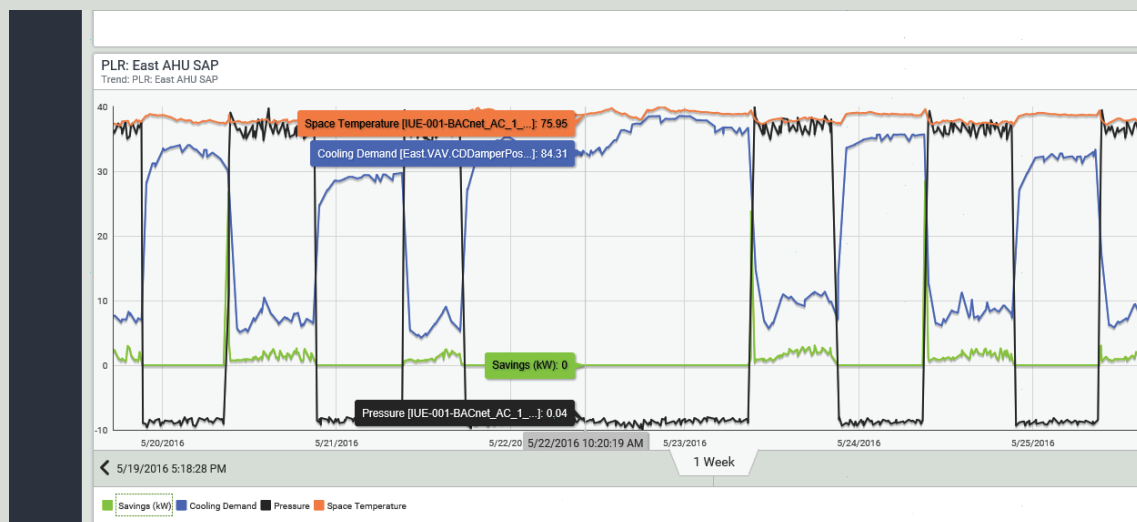


# IUE™: State of the Art Building Management

Predicted Building Demand

Actual Building Demand

Peak Load Demand

**You can't manage what you don't measure.**

Every minute of every day, IUE™ analyzes an average of 3,000 data inputs per building and translates them into easy-to-read charts built on the Pi Database Management platform. Building managers can see exactly what conditions are at all times. And, more importantly, IUE™ predicts what lies ahead.

Since every major machine in the building is in the neural network, we can take pre-emptive action, either manually or automatically, to reduce/optimize energy consumption and avoid unhealthy air quality, uncomfortable ambient temperatures or equipment failures.

Maintain Comfortable Space Temp

Actual Cooling Demand

Optimize Dynamic Static Air Pressure

Savings Produced (kW)