

## AEI Soft Start<sup>®</sup> Real-Time

AEI Soft Start Real-Time delivers Demand Response savings every month and on your terms with a simple main meter solution.

Whether or not your facility is on a utility time-of-use ("TOU") rate schedule, an AEI Soft Start RT solution can deliver real-time main meter insight from your facility to our secure servers. Used in combination with weather and ISO New England interval data, this gives you a picture of your building's total demand and potential peak conditions which affect your bill.

Monitoring the electric load at your facility in real-time can save you money in a variety of ways:

- **Billing Peaks:** When your building load is getting close to a new billing-period peak our SMS and E-Mail alerts can tell you when to engage a little demand response. How much savings can be achieved? Check your electric utility bill and figure out how much 1% to 10% of your demand charges are worth. An average 200kW facility could see savings of about \$5,000/year.
- **ICAP Tags:** Know your demand in real-time during the peak summer season when ISO will be declaring the annual peak hour used to set your ICAP tag. Your facility's demand during this single hour affects your demand charge rate for all of next year - you don't want to be caught with a high ICAP tag!
- **Set Backs:** With our AEI Soft Start (included), you'll know night and weekend setbacks and how they might be improved. With 70% of all hours in the unoccupied state, knowing your loads during these off-peak hours is key to reducing wasted energy. Savings of at least 3% can be had with just a 10% usage reduction during unoccupied hours. For a facility with an average load of 200kW, figure a savings of \$10,000.

Smaller facilities may not be eligible for a TOU utility rate, and Soft Start RT solves this problem. In addition, collecting the main meter interval data means we can deliver on all of the time-of-use insight you get with our AEI Soft Start plus the benefit of real-time alerts.

How about oil, water and propane? We can monitor those too. Your oil and propane suppliers know when to deliver those commodities, but with real-time monitoring and a look at your building automation data, we can tell if there are opportunities for savings by more efficient scheduling. In short, our goal for you is to clip the peaks and drive down usage during the unoccupied hours. All without affecting building comfort. An AEI Soft Start RT delivers the data that can help achieve these goals with a real and measurable effect on your monthly electric bill and a payback on the order of months.

For an example of an AEI Soft Start, download the Energy Review of Boston City Hall from our website at [www.aeintelligence.com/case-studies](http://www.aeintelligence.com/case-studies). All of the insight delivered in that example are available with Soft Start Real-Time. Contact us at [info@aeintelligence.com](mailto:info@aeintelligence.com) for more information and for a price quote.



Interval data collected from the main meter delivers real-time kiosk updates, SMS and E-Mail peak alerts, as well as all the history necessary for time-of-use profiling with AEI Soft Start. This solution is ideal for real-time intelligence, and it makes up for the lack of utility data in smaller buildings.