

Regardless of the industry, companies everywhere are facing escalating energy costs. As utilities struggle to meet needs, they try to manage peak demand by regulating power through real-time meters and peak demand surcharges. This billing approach often generates enormous additional costs, and energy customers are unable to compensate.

The Energy Director from Powerit Solutions is ideal for industrial and commercial facilities with large power loads that, to varying degrees, are suspendible or can operate for designated intervals at reduced output. Facilities that use the Energy Director realize significant cost savings because of better peak demand management and seamless coordination of major energy loads, without any compromise to production or building comfort.

Gregg Industries - El Monte, CA



"Powerit Solutions' Energy Director provided us with an easy and affordable way to reduce and manage some of our energy costs. Installation and support have been excellent."

- Adrian Trevino
Facilities Maintenance Manager

Foundries operate some of the most energy-intensive processes used in any industry. Induction furnaces, casting crucibles and annealing operations are examples of controllable loads where even small percentage reductions in peak demand can send large savings directly to the bottom line. Typical loads the Energy Director optimizes include large-scale foundry and casting operations, sheet rolling, stamping and extrusion, electro-plating and anodizing, heat-treating, air handling & scrubbing, and ferrous and non-ferrous smelting and refining. Working with foundry loads, the Energy Director pays for itself with immediate demand cost savings of 10 – 40 percent and payback on investment in less than two years.

Gregg Industries is a large gray and ductile iron foundry that specializes in manufacturing high ferrous iron castings for the industrial, automotive, and truck industries. Principal operations include melting iron in five ABB induction furnaces ranging from 1200 kW to 4500 kW each. The facility installed the Energy Director system in April 2004. The system is currently producing an average monthly peak demand reduction of approximately 2300 kW, significantly exceeding the originally estimated savings range of 1200-1800 kW per month.

Since commissioning the system, Gregg Industries has been through an entire peak power season producing as much or even more metal with no harm to production or quality. They are better able to monitor production and energy use and are using this information to improve internal efficiency. With the Energy Director System, Gregg Industries reduced their peak power demand by 24 percent, creating payback in less than 18 months.

POWERIT SOLUTIONS

Headquartered in Seattle, Washington, Powerit Solutions offers the Energy Director line of energy management systems. Developed in 1994 in Sweden, the Energy Director is now successfully installed and operating in over 500 facilities worldwide.

Powerit Solutions is committed to helping customers in a wide variety of industries maximize their energy efficiency, reduce their power demand and realize significant energy cost savings without compromising production, safety or building comfort.

For More Information

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