

FOOD AND BEVERAGE FACILITIES

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 suspendable 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.

Carlsberg Sweden / Pripps - Vastra Frolunda, Sweden

Food and beverage facilities use large amounts of energy on an industrial scale. The Energy Director regulates loads while maintaining overall conditions within desired ranges. Additionally, some loads may be deemed discretionary and, during periods of peak demand, shut down completely. Commercial facilities using the Energy Director have reduced peak demand and experienced 5 – 10 percent reductions in total energy bills, receiving payback on investment in less than three years.

In Scandinavia, Carlsberg Sweden currently has a 45 percent market share in beer, 30 percent in soft drinks and 60 percent in water. Pripps' brewery is one of the largest in Sweden, and Pripps Blå (Blue) is Sweden's best selling beer. The facility's energy-intensive processes include brewing, aging, cooling, filling and distribution. Installed in 2001, the Energy Director is now controlling 11 energy loads, including process cooling, ventilation and forklift chargers. It collects process temperature data and uses it to manage energy loads to maximum benefit.

Before installation, maximum power demand was 3800kW. Pripps now operates the brewery at a maximum power demand of 3300kW, a 13 percent reduction in facility demand. Demand cost savings generated a payback period of 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 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

Powerit Solutions, LLC
114 Alaskan Way South, Suite 201, Seattle, WA 98104

Phone 206-467-3030 •• Fax 206-621-8545 •• Toll Free 1-866-499-3030
E-mail info@poweritsolutions.com •• www.poweritsolutions.com

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