

"We are very satisfied. Powerit Solutions' system has fulfilled all our expectations as well as the estimated savings."

Mark Regus, Plant Manager, Pacific Alloy

Industry Overview: Foundry and Metal Processing

Seize Control of Your Energy Costs



Foundries operate some of the most energy-intensive processes of any industry. Managing energy costs is a strategic imperative for any foundry wishing to remain competitive.

What We Do

Powerit Solutions® provides intelligent energy management technologies designed specifically for foundry and metal processors. Our industry-tested and approved systems help lower your organization's utility bills without compromising production output or quality.

of their particular systems and combine it with our industry-specific controls to incorporate all types of plant equipment including grinders, air compressors, blowers, formers, and furnaces so even fundamental loads can be safely shed.

Three Ways to Save

In order to achieve maximum savings our solutions address three critical areas – energy efficiency, demand control, and demand response. By taking advantage of one, or all you can realize a dramatic reduction in your electricity bill. Additionally, many utility companies offer incentives for conservation efforts such as rebating the cost of energy-saving systems such as ours.

Can You Afford to Wait?

Metal processing is an energy-intensive industry. As utility costs continue to rise, processors have no choice but to address this issue in order to stay competitive. The good news is that decreasing your overall loads by even 1-2 percent can significantly reduce your demand charges, which can represent as much as 40 percent of a foundry, die caster, or steel manufacturer's electricity bill. Participating in energy efficient practices and demand response programs can lower costs even more. For a modest investment, you can realize sizeable returns.

Savings without Compromise

We understand the business of metal processing is complex. Equipment such as melting furnaces, grinders, and air scrubbers combined with sometimes inflexible processes like the need to finish, weld, and form product create complicated environments. It is understandable that metals facilities would be reluctant to tamper with these systems. Powerit Solutions has a thorough understanding of automated processes and can install an energy-management solution that meets your exact requirements without negatively impacting production. We utilize each facility's unique knowledge

Benefits:

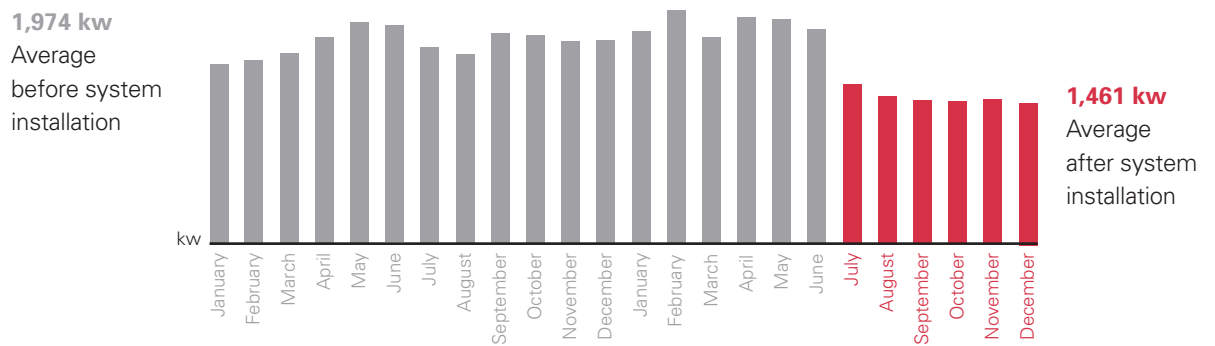
- Rapid ROI in as few as 12 months or less
- Infinitely rules-based for complete customization
- Integrates with and extends legacy systems
- Comprehensive data collection and management
- Easy-to-use interface for on-the-fly modifications
- Green efforts enhance public image
- Online solution allows anytime, anywhere access



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Example: Monthly Demand Before & After Powerit Solutions®



How to Participate:

Powerit Solutions will work closely with you to define the proper combination of system and services to meet your specific performance needs and payback requirements. We'd be happy to provide you with a free savings evaluation designed for your facility. Please contact us today.

Who is Using Powerit Solutions? (partial list)

- Rochester Metal Products
- Pacific Steel Casting
- Federal Mogul
- Foote Foundry
- Cannon-Muskegon
- Carondelet
- Hitchiner SA de CV
- Highland Foundry
- Pacific Alloy
- AB&I Foundry
- Wisconsin Centrifugal
- Urick Foundry
- Benton Foundry

