

"Powerit Solutions' optimization service made it easy for our company to visualize and attain additional electrical power savings that we didn't think were possible."

Jim Bernard, President/CEO, The Bronze Craft Corporation

SparaEMS® Optimization

Leverage Powerit's expertise to get the most from your Spara EMS® and increase your savings!



Spara EMS® Optimization Services provide a fine tuning of your system to help you find the optimal balance between production requirements and energy expense.

Our experienced energy engineers will review your system performance and settings, and work with you to maximize savings within your production needs. Is "energy engineer" just one of the hats you wear? Or, would you like to leverage our experience at over

160 sites in finding the right demand management settings? Let us help you analyze your demand management performance, and keep system settings tuned to current production needs — allowing you to focus on managing the non-energy side of your business.

We help you get the most from the energy you use through five coordinated strategies:



Strategy	Description
Demand Control: Performance Review Sessions	Two personalized remote system performance review sessions per year. Powerit Solutions' Energy Engineers will analyze system performance, settings, and functionality, and interview customer about system performance.
Demand Control: Optimization Analysis	Powerit Solutions' Energy Engineers will generate a DC optimization analysis report, detailing the demand savings and interval reductions along with recommendations for ways to maximize savings without excessive reductions. Powerit Engineers will train operators on making the changes, and observe the changes over a week of production.
Demand Control: Load Constraint Review & Update	Powerit Solutions' Energy Engineers will review existing load constraints with customer and make remote system setup changes to optimize the rules and settings.
Demand Response: Event Simulation	Powerit Solutions' Energy Engineers will remotely simulate a demand response trigger and monitor the system responsiveness, making necessary remote system modifications to ensure proper performance of load curtailment. Session will be scheduled well before the start of the DR season to provide ample time to resolve any issues discovered.
Demand Response: Performance Analysis	Powerit Solutions' Energy Engineers will conduct a personalized review of the system before and after a single DR event that is chosen by the customer. Powerit Engineers will work directly with operators before, during and after the event to ensure that the customer's performance during the event and future events achieves the desired reductions. In addition, after the conclusion of the DR season, a DR performance analysis report will be generated, detailing the reduction levels achieved over the past season and recommended changes.

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What our Spara EMS® Optimization customers are saving:

- Up to 6x increase in demand control savings
- Additional demand savings opportunities of up to \$35,000 per year
- Relaxation of load constraints at the same billed peak demand — freeing up production flow

Spara Optimization and Support Services:

Support and Optimization Services	Spara Support	Demand Control Optimization*	Demand Response Optimization*
Software Updates	●	●	●
24/7 technical phone support	●	●	●
Remote connectivity	●	●	●
Business hour e-mail support	●	●	●
Incident case tracking	●	●	●
Remote test of network connections	●	●	●
Remote test of manual or automatic DR signals	●	●	●
Remote support during DR event (2 events)	●	●	●
Demand Control performance review sessions	○	●	○
Demand Control optimization analysis	○	●	○
Load constraint review and update	○	●	○
Demand Response event simulation	○	○	●
Demand Response performance analysis	○	○	●

Program Definition:

- *All optimization services require an active support contract (only Spara customers are eligible)
- Customer must enable data logging on Powerit’s secured servers

