

ENERGY COST MANAGEMENT SOLUTIONS

Optimize your demand response participation and manage energy costs more effectively with real-time forecasting of price, load, and coincident peaks.



LARGE ENERGY USERS ARE SENSITIVE TO MARKET VOLATILITY

Energy price spikes can significantly impact the bottom line for large energy users, as electricity consumption is often one of the most significant operating expenses. Intense competition, inflationary pressure, and changing regulations further squeeze margins.

But there's good news. These companies often have flexible operations and sheddable loads that can participate in demand response. With the right insights, they can leverage energy flexibility to drive meaningful change across their operational footprint.



A MORE FLEXIBLE AND PROACTIVE APPROACH IS NEEDED

Large energy users must understand how energy market volatility affects their operations and profitability. This insight is essential to informing their demand response curtailment plan and overarching energy strategy – identifying the best times to consume energy and shifting operations to avoid peak price times.

They can try to collect the data and build their own forecasts, but the complexity of the power markets makes this risky, challenging, and time-intensive.



PLAN BETTER AND PERFORM BETTER WITH REAL-TIME INSIGHTS

Pwrstream, a leading-edge event-based cost management tool, provides the insights large energy users need to identify the optimum energy management strategies.

Pwrstream optimizes bidding, curtailment, and other demand response and operational activities. Companies can drive exceptional business performance by planning their operations, optimizing demand response participation with a lower risk profile, and minimizing downtime for curtailable loads and runtime for generation.

HOW DOES PWRSTREAM WORK?

Arcus Power has partnered with **Enel North America** to unlock the power of real-time, actionable insights to Enel's demand response customers. Pwrstream allows operations and P&L owners to make informed, proactive decisions around operating conditions and drive meaningful curtailment strategies and cost reductions.

With **Pwrstream**, companies can gain visibility into their energy costs, enabling them to optimize their energy assets and make informed decisions that drive revenue growth. By leveraging Pwrstream's demand response optimization capabilities, companies can reduce their energy consumption during peak demand periods and avoid high power costs while still accessing the benefits of demand response payments offsetting energy costs.



“**Pwrstream supports all levels of decision-making in power markets through insightful energy data, analytics, and forecasting.**”

WHAT CAN YOUR COMPANY ACHIEVE WITH REAL-TIME INSIGHTS FROM PWRSTREAM?



MAKE INFORMED ECONOMIC DECISIONS

Reduce energy costs through coincident peak shaving, high price avoidance, and demand response strategies based on individual use cases and thresholds.



FORESEE PRICE VOLATILITY

Mitigate exposure to energy market volatility with industry-leading accuracy. Drive positive cash flow minimizing curtailable load downtime.



MINIMIZE OPERATIONAL RISK

Take operational action more confidently by foreseeing price volatility, using Pwrstream's AI/ML tools that minimize risk.



OPTIMIZE DEMAND RESPONSE

Promote demand response participation and customize economic strategy by balancing price volatility, demand response, and peak avoidance.



MAXIMIZE NET REVENUE BENEFIT

Optimize high price and coincident peak avoidance along with demand response objectives with Pwrstream's algorithm.



REDUCE TARIFF CHARGES

Minimize and even avoid coincident peak charges, which would otherwise significantly increase energy bills.



AUTOMATE DATA CAPTURE

Eliminate the need for in-house data streams and ensure consistent data quality – saving time and effort while improving the accuracy of trading decisions.



CAPITALIZE ON DAILY ANALYST REPORTS

Capitalize on Arcus' expert insights into key drivers of electricity prices, including timely market developments, current day expectations, and forward looking predictions.



CUSTOMIZABLE DECISION MAKING

Leverage customizable dashboards to combine valuable insights with supporting evidence into a single view. Orchestrate business process with our APIs.

WHAT INDUSTRIES CAN BENEFIT FROM PWRSTREAM?

Pwrstream can help corporations with significant energy consumption by predicting peaks and forecasting prices.



Mining

Bitcoin, Crypto, metal ore, and coal



Manufacturing

Heavy machinery, chemicals, electronics



Oil & Gas

Upstream, Midstream and Downstream facilities



Transportation

Railways, and shipping companies with large logistical operations.



Forestry

Lumber production, Pulp and Paper mills

Contact us today and see how Pwrstream can take your demand response strategies to the next level.



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