Redefining what’s Possible with Energy Management

Do More than Just Monitor Your Energy Usage. Manage it.

MPC-AURA is a truly comprehensive Energy Management Solution. That’s because our software not only MONITORS equipment but also provides alerts and reports that let you MANAGE your energy use… providing actionable data when it’s needed.

MPC-AURA Software-as-a-Service (SaaS) is the first and only platform built with 37 years of Energy Management experience and captured in an easy-to-implement packaged software solution. Hosted in a private cloud secured by an SSAE 16 Certified Datacenter, MPC-AURA offers easy setup to aid in the continuous control and improvement of your facilities.

Energy Management... and More

MPC Energy has an unparalleled legacy of empowering clients with increased profitability and the benefits of environmental stewardship. Other engineering and software companies claim energy optimization but at best only offer metered use, while Aura presents manageable views of energy use throughout the plant thus eliminating the excuses as to why energy is up or down.

Only MPC offers large-scale manufacturers true "optimization" by assessing the energy savings opportunities, working hand-in-hand with your team as needed, diving into the details to get at the data that counts, and establishing ideals that can become the new standards by which your organization operates.

The result is evident in increased energy savings, lower capital outlays, greater productivity and a safer work environment.

www.mpcenergyllc.com
MPC-AURA is the ultimate “do-it-yourself” Energy Management solution

MPC-AURA is a Software-as-a-Service (SaaS) tool that provides:

- Real-time analytics for faster decision making
- Historical modeling to know if you really have reduced energy use per unit
- Accurate billing of all energy use
- KPI monitoring and reporting with automatic alerts whether it is energy related or preventative maintenance
- Customizable dashboards for all levels (C-level, Operators, Managers)
- KPI monitoring and reporting with automatic alerts whether it is energy related or preventative maintenance

MPC-AURA’s home dashboards allow unlimited clients and tags to customize with specific individual KPIs

Greater Visibility into Energy Use, Productivity and Safety

MPC-AURA helps businesses unlock their energy savings.

Situation:
The following is a real-world example of implementing MPC-AURA at a steel mill.

Steel Mill - Situation:

- To ensure ongoing management and control of energy resources in the refinery, an energy management system was needed. Varies refinery instituted an Energy Stewardship Program in 2007 committed to reducing energy costs by $100 million per year without affecting throughput and quality. An Energy gap analysis and energy and process performance review were conducted.
- Result: In the first three years, the refinery’s Solarin Energy Intensity Index decreased from an average of 99 to 86. This was accomplished through a combination of energy reduction initiatives as well as increased refinery reliability.
- Corporate Energy Optimization
- MPC-AURA helped answer the questions with visibility into key data and showed a financial justification and positive ROI for the project to move forward.

Implementation of Energy Management System for Tire Manufacturer

Situation:

- Annual Energy Costs: $11,200,000
- Energy Cost Savings: $1,380,000 annually
- Energy Cost Reduction: 12.2%

Situation:

- Project Results: Energy data was used in conjunction with Production data, waste minimization and employee productivity data to allow for Lean Manufacturing at the lowest energy levels. Annualized savings reached $65.5 million and continued to climb to $1,382,000 the first year and increased to 47% reduction over the next two years through continued improvement.
- Corporate Energy Optimization
- Greater Visibility into Energy Use, Productivity and Safety
- MPC-AURA’s home dashboards allow unlimited clients and tags to customize with specific individual KPIs

MPC-AURA has positively impacted the energy consumption, efficiency and productivity of a variety of industries:

- Steel
- Chemical
- Glass
- Food
- Electronics
- Automotive
- Gasoline
- Steel
- Paper
- Cement
- Chemical

Our MPC-AURA software has positively impacted the energy consumption, efficiency and productivity of a variety of industries.

“MPC...the standard bearer...its the foremost company that has developed energy management in the industrial sector, and it is the forerunner to look at decreasing energy consumption trends before those costs were visible or even considered a cost variable that could be decreased.”

Jigar Shah (Founder of SunEdison) in ‘Creating Climate Wealth: Unlocking the Impact Economy’ (2013)

The Energy Reduction Management System implemented in this plant is real and clearly differentiates MPC’s programs from others...we were able to implement demand control technology to verify actual results versus the predicted model. This has allowed us to link energy in a key measure to a daily basis....become aware of the total process from the energy side...and become more competitive in the marketplace.”

Continental General Tire

“The great credit to MPC in this process is that they recognized there were many drivers to cost savings...and energy savings had to be balanced against a variety of factors including inventory carrying costs and different achievable run rates based on different final products.”

Syngenta Global