



Energy Efficiency Solutions

Improve energy utilization by replacing inefficient equipment

Many manufacturing facilities operate at sub-peak energy efficiency because of older, inefficient production equipment. Yet identifying sub-systems with the worst impact and determining the potential improvements by repairing or replacing them is often difficult. EPS helps by identifying the most critical equipment to replace, quantifying the potential savings, then planning and implementing the project. Finally, we measure and verify the results to ensure you achieve the targeted ongoing energy efficiency improvements.

Asset assessment

We start by reviewing the energy usage data gathered from your plant's primary production equipment using our xChange Point® energy management solution. Our energy experts then identify underperforming assets, including:

- Refrigeration systems
- Boilers & steam generators
- Wastewater systems
- Furnaces & ovens
- Compressed air systems
- HVAC & chiller systems
- Evaporators & dryers
- Lighting systems

Using xChange Point, combined with other industry-standard and EPS-developed analytical tools, we deliver a list of the inefficient equipment, prioritized according to potential energy usage improvements. Armed with this initial information, you have a road map for improving energy efficiency at your facility.

Project design & implementation

After determining the specific inefficient assets to be repaired or replaced at your facility, we develop a comprehensive implementation plan and manage the entire project to completion.

Detailed Project Design Plan

Your customized plan provides a clear overview of the work to be performed, timeline, budget, energy and emissions savings and targeted return on investment. Our recommendations are based on extensive experience and knowledge of different sub-systems and how they interact with other equipment. We consider every detail, including energy consumption, temperatures and pressures for each piece of equipment.

In addition, our recommendations are *vendor-neutral*, allowing us to build best-in-class systems that make the most sense for your production processes. Your plan includes:

- Scope of work, plan & schedule
- Qualifying incentives & rebates
- Project costs, savings & return on investment
- Energy & carbon analysis, with recommended efficiency solutions

Implementation and Management

Upon plan approval, EPS will then repair, upgrade or replace the equipment. More than just an energy management company, we're your energy intelligence partner. Our experienced project leaders and construction engineers manage every detail of your project, delivering reliability and results. You benefit from a single partner – from assessment through implementation – who knows understands the keys to energy efficiency in the manufacturing environment like no other.

the
eps way

CONTROL
Energy Usage

REPLACE
Inefficient Equipment

SHIFT
to Clean Energy

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