

Commercial and Industrial Energy Efficiency Programs

Amy McLean Salls- United Illuminating Ed Baker - Eversource

February 2017



Industrial Solutions











Increase sustainability to save money and improve performance.

Understanding your business's energy consumption now, and in the future, goes beyond the obvious lighting opportunities. The industrial solutions teams at Eversource and UI understand that industrial facilities have an energy-use profiles that are different from retail, institutional or commercial buildings.

The industrial solutions teams, along with approved professional third –party consultants, will work with you to develop a comprehensive energy plan.







The Plan

The plan will identify and address the energy efficiency opportunities in your buildings such as lighting and HVAC but also includes a detailed exploration of your manufacturing equipment and process.

This integrated and holistic approach can result in longterm energy and non-energy benefits, such as reduced maintenance costs and increased throughput, all leading to a competitive advantage.





Industrial Solutions offerings provide consulting expertise in three key areas:



EUAEnergy
assessment



PRIME Process efficiency

Measure: Assess your energy-usage pattern and identify energy opportunities.

Plan: Identify your business' carbon footprint and develop a strategic energy management plan.

Process: Learn how to apply lean manufacturing techniques to improve your process efficiency.





Measure: Energy Utilization Assessment (EUA)

An energy usage assessment will identify energy-saving measures that can be prioritized, budgeted and implemented.

Detailed report includes:

- ✓ Historical energy data and metrics
- ✓ Manufacturing process and equipment energy-savings measure analysis
- ✓ Facility-related energy savings measure analysis
- ✓ Estimated implementation annual savings, available incentives and payback



Incentives to offset up to 100 percent of the cost of the EUA are available to customers who implement the suggested measures.







Plan: Business Sustainability Challenge (BSC)

Create a plan for action on energy and sustainability that promotes competitiveness, innovation and industry leadership.

Utility consultants and their approved third-party contractors will work with you to create a customized strategic energy management plan or sustainability plan.

Now you can tackle business challenges such as:

- ✓ Getting a handle on energy costs by leveraging Energize Connecticut's industrial solutions
- ✓ Examining your waste stream for money-saving opportunities
- ✓ Improve employee engagement to drive productivity
- ✓ Enhance and grow sales opportunities



BSC
Strategic
energy plan
&
sustainability

Strategic Energy Management

- Increased focus on creating strategic energy management plans through Industrial Solutions engagements
- System for Measuring and Reporting Energy Performance
 - Measurement
 - Data collection and availability
 - Analysis
 - Reporting



SEM Elements

- Flexibility to deliver an SEM to a customer in a format that makes sense to their specific circumstances
- Minimum expectations:
 - Matrix
 - Text/narrative in report form
- Customer commitment:
 - Policy and Goals
 - Ensure adequate resources and team



SEM Elements

- Planning and implementation:
 - Assess current energy management practices
 - Energy map of end uses and costs
 - Metrics and goals
 - Project register/list
 - Employee engagement
 - Implementation
 - Reassessment





Process: Process Reengineering for Improved Manufacturing Efficiency (PRIME)

PRIME implements modern, lean manufacturing techniques to enhance processes efficiency.

Working with a utility-approved consultant, your team will learn how to become self-directed, analyze opportunities and implement solutions. This will give your business the competitive edge to meet your customers' needs while reducing your energy consumption.

For qualifying customers:

- ❖ PRIME events one and two are covered up to \$8,000 for consulting fees*
- ❖ PRIME events three and four are covered up to \$4,000 for consulting fees

*First two events are generally free for most customers





Take the first step:

Visit-EnergizeCT.com

Select Business and then search by program or Solution.

Or call-877-WISE-USE (877-947-3873)



