



Improve Energy Efficiency

Reduce Carbon Footprint

Increase Manufacturing Productivity

THE ENERGY CHALLENGE

Staying competitive often means finding ways to effectively manage your business with ever-increasing costs. Over the past decade, a reliable energy supply and efficient use of energy are issues that have emerged as significant obstacles to maintaining a stable manufacturing operation. California Manufacturing Technology Consulting™ (CMTC) conducted a recent manufacturing survey in which respondents identified energy issues as one of their most pressing problems.

With escalating energy costs, manufacturers are looking for ways to reduce gas and electricity consumption in the production process. The CMTC Energy Program has developed a process improvement methodology to provide ways to reduce consumption and use energy more efficiently.

MEETING THE CHALLENGE

In addition to evaluating electricity and gas usage, the resulting carbon footprint associated with all manufacturing processes must also be reviewed. Our energy solutions have been specifically designed for manufacturers to accomplish these outcomes. Using our proprietary tool set, areas of energy waste are identified. Through the use of process improvement, waste is removed from the manufacturing process resulting in a more efficient use of energy and a reduction in carbon emissions.

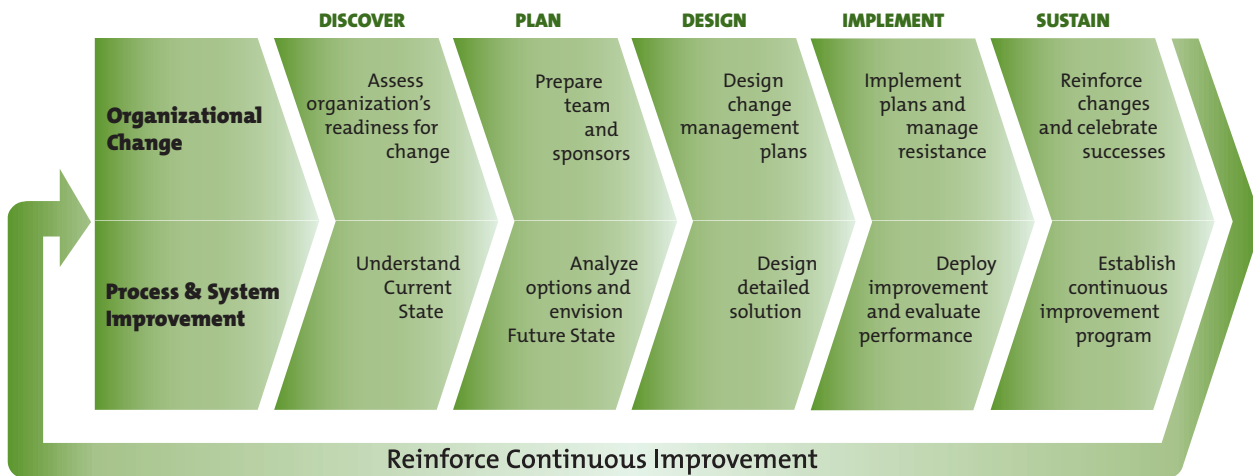
AN INNOVATIVE PROGRAM

Our tools provide our energy consultants with a number of innovative, energy-saving techniques that are designed specifically to reduce energy usage from the production process. These tools include: energy consumption audits, current and future state process mapping that links manufacturing inefficiencies to energy waste, production process improvement events, energy use models calculating energy savings, data collection templates for monitoring changes in energy consumption and an energy savings verification report. Implementing these proven tools and techniques has reduced energy costs for manufacturers throughout Southern California.



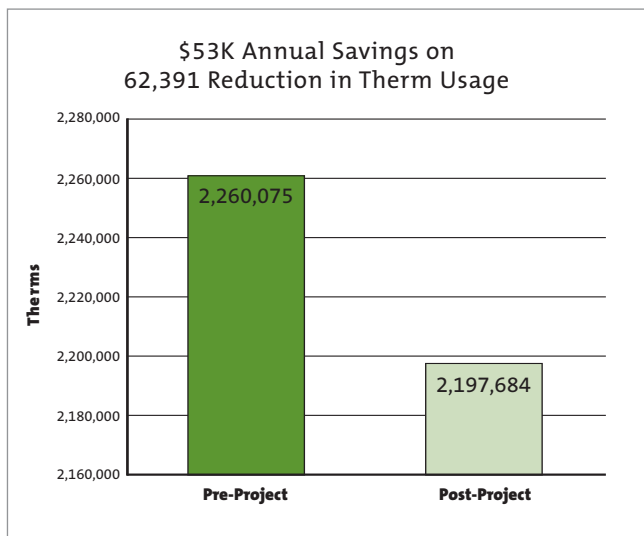
ENGAGEMENT METHODOLOGY

Our energy consultants use a continuous improvement engagement methodology with a focus on building a readiness and commitment to change. Using organizational change and a continuous cycle of discovery, planning, solution design and “hands-on” implementation, a culture of sustainment is developed so that your company’s process and system improvements last.

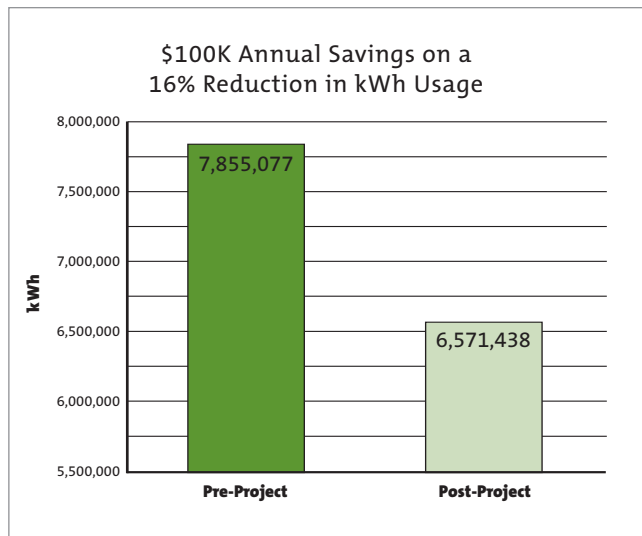


AN APPROACH THAT DELIVERS RESULTS

Aluminum Smelter Company



Battery Manufacturer



These savings are provided for illustrative purposes only. Actual savings will vary for each customer.

GETTING STARTED TODAY

Contact us directly at 800-300-CMTC and we will provide you with all the information you need to understand how the program can benefit your business. Visit our website for more information about our services.