

## Process and Energy Optimization

Many companies have been actively considering how a green approach to business could produce greater operational efficiency and cost savings, while reducing their environmental impacts. Under current business conditions, many barriers stand in the way of improving process and energy efficiencies, reducing costs, and improving profits while reducing environmental footprint. Unfortunately many businesses assume that efficiency means capital investment. Kestrel's position is to improve what you have first and from that knowledge develop a strategic investment plan.

A report issued by the National Association of Manufacturers and the Alliance to Save Energy stated that industry could save about 7% per year on energy without capital investment, using only procedural and behavioral changes. Unfortunately, many manufacturers have not captured and sustained these low/no-cost savings.

Kestrel Management Services can help through our Process and Energy Optimization Services. Our Process and Energy Optimization methodologies focus on production operations in order to increase profitability without sacrificing safety, quality, capacity, or environmental responsibility. This is done by linking process changes to profits.

The focus is on manufacturing operations and processes, including energy use, and allows optimal results within short periods of time.

### **Kestrel's Process and Energy Optimization Services Include:**

- Assessment and benchmarking of processes, practices, policies, and performance metrics—so that you know where you stand
- Process and energy optimization to identify how use of energy and materials can be modified to improve the bottom line and efficiency of your processes
- Maximizing operations to increase the yield and the throughput in your current capital assets
- Activity-based cost/benefit analysis to identify hidden costs affecting financial performance
- Lean applications to remove inefficiencies
- Design and improvement of management systems as the key to sustainable savings and continuous improvement
- Deployment and optimization of business process improvements, with procedures and practices integrated into your everyday operations