

Center for Energy and Environment



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Company

Energy Intelligence (EI) is a program of Xcel Energy operated by CEE. EI provides no-cost assistance to help small industrial companies save energy.

Intern Project

The goal is to reduce energy consumption in all areas, including natural gas and electricity. This translates into financial savings that the company can apply towards more efficient processes.

Incentives to Change

Program participants reduce their expenses based on the amount of energy savings they can identify. The more effective they are, the more they can invest in their core business operations and new opportunities.



Solutions

Optimize Compressed Air:

- Fix current leaks in the system and turn off compressed air machinery when not in use
- Lower system set points to better match point of use requirements

Install Efficient Lighting:

Replace current lighting with energy efficient LED screw-in bulbs and install motion sensors

Shutdown Equipment When Not In Use:

Turning systems off when not in use and during non-production times can save energy and reduce operating costs



Other Process Improvements:

- Insulate hot processes to reduce heating energy
- Install efficient equipment that will run with less energy
- Use variable frequency drives to reduce wasted energy