

USES[®] Project Report

Isola Manufacturing, Elk Grove, California

Problems

- High Electrical Costs.
- Unstable Power Supply with voltage spikes and sags from the local distribution system that have been interrupting and shutting down Isola's 24/7 manufacturing business on a regular basis.
- Low Power Factor.

Solutions

- Installation of a custom designed USES[®] AC Power Conditioning System consisting of 12 units strategically placed throughout the facility.

Results

- Reduced Electrical Costs by 11.36% over the previous year.
- Eliminated the utility voltage instability and associated manufacturing interruptions and increased the facility power factor from .87 to .98 resulting in an 8.5% increase in production and revenue.
- **Reduced Carbon Emissions by 570 tons per year.**
- Project ROI of 18 months.