

USES[®] Project Report

Marianas Linen Supply, Harman, Guam

Problems

- Substantial increases in power bills over the last 5 years.
- Voltage spikes, imbalanced loads and GPA power outages.
- Increased loads have rendered the backup generator too small.
- 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 13% over the previous year.
- Eliminated the utility voltage instability and increased the facility power factor to .99 resulting in a 1.5% billing credit.
- KVA reduction eliminated the need for a new higher KVA generator which would have cost over three times the cost of the USES[®] Power Conditioning System.
- **Reduced Carbon Emissions by 570 tons per year.**
- Project ROI of 17 months.