



ATTN: Power Shaver

Mr. Knapp,

As you are aware, Isloa has been conducting a 12 month case study of the USES® system installed in Isola's Elk Grove California manufacturing facility. Per Isloa's corporate energy reduction desires, the USES® XL model line was installed to reduce energy consumption and electrical costs of operation and to solve a spiking and sagging voltage condition from the Sacramento Municipal Utility district's local distribution system that has been interrupting and shutting down Isola's 24/7 manufacturing on a regular basis since our facility was built two decades ago. Our purpose was to validate the USES® system as a cost saving method to be incorporated in all of our international facilities.

Since the USES® systems installation in January 2013, our Isola engineers have been very impressed with the Power Shaver designed system to accomplish our goals.

The power quality and condition has improved dramatically totally eliminating the utility voltage instability caused interruptions to our sensitive computer component manufacturing line. Isola has determined that the USES® magnetic phase balancing; power conditioning and superior resonance free power factor correction through its unique choke design is responsible for this. The valuable result of eliminating the voltage interruptions is an increase in production and revenue by 8.5% over 2012 that would not have been possible without USES®.

Also, very surprising to our engineering and accounting staff tasked with evaluating the energy reduction and cost savings ability of the USES system, was the additional 27% reduction in electrical cost that we verified and attribute to the USES® system. This savings is in addition to the Power Shaver guaranteed \$50,000. Per year and 18 month payback. Isola's actual payback period for our USES® system is 13 months.

In other words, USES® made it possible to increase production by 8.5% while reducing our electrical cost to operate by 11.36%. This is a significant result not previously thought possible from power conditioning.

Additionally, our Engineers are pleased that the USES® system requires no maintenance and has not caused any of the typical problems associated with normal power conditioning and power factor correction devices.

Isola's conclusion. Isola Group is very impressed with the positive results of our USES® system along with Power Shavers expertise and professionalism during the last 12 months of our case study. Isola Group has determined the USES® XL system to be a valuable asset to our company and will continue to recommend it to our industry associates.

Sincerely,

*John Poma*

**isola** HSE Engineer