



March 31, 2014

Isola Group
3233 Dwight Rd.
Elk Grove, CA 95758

Attn: John Poma

12 month verification summary of the Power Shaver/ Isola Group energy saving system.
Featuring the USES® Universal Shunt Efficiency System

In January 2013 Isola contracted Power Shaver to install a USES® Shunt Efficiency system in their Elk Grove manufacturing facility. The primary reasons for this were to reduce energy consumption and cost to operate in addition to solving an electrical Power quality and condition issue that had been interrupting production on a regular basis, resulting in reduced revenues.

The 12 month Power Shaver Performance Verification results within take into account, adjustments for Billing Days, SMUD pricing fluctuations and production volumes between the 2012 and 2013 calendar years.

The verified Billed Energy, Demand and Cost Reductions as well as the power quality improvements are abundantly evident.

Power Shaver guaranteed Isola an annual cost of electricity reduction of \$50,000 and an 18 month payback period. The 12 month adjusted Isola SMUD Billing results verify an **11.36%** or **\$63,608.24 cost of electricity reduction** resulting in a **14.16** month payback period. These findings validate an additional \$13,608.24 or 27.22% in savings.

The USES® system accomplished this by reducing the kWh consumption and cost per production unit in addition to lowering the cost per kWh. USES® also reduced the overall KW and KV Demands, while improving the Power Factor by 15.58487%.

In addition to the above results, it has been stated by the Isola engineers that since the USES® installation in the Elk Grove facility, that the power quality and condition has improved significantly, eliminating all power related production interruptions for the last 12 months.

The net results of the Power Shaver USES® system for Isola are an 11.36% reduction in electrical costs along with an 8.498% increase in unit production. This increase in production directly relates to an increase in profitability to Isola in addition to the verified energy and cost reduction savings.

Power Shaver is glad to have played a significant role in assisting Isola to achieve all of its energy and cost reduction goals while remedying a serious power quality condition in a "Green" manor.

Power Shaver looks forward to assisting Isola accomplish these goals in its international manufacturing facilities as well.

Thank you,

John Knapp
President/CEO

12 Month Total Billing Adjustments

Add Back to 2013 SMUD Invoices	\$47,541.98
<u>Subtractions form 2013 SMUD invoices</u>	<u>-\$113,527.77</u>
Total 12 month adjustments	-\$65,985.79

12 Month Adjusted Isola Billing Comparison

	<u>2012</u>	<u>2013</u>		
<u>Reconciled Adjustments</u>			-\$65,985.79	
Adjusted kWh	5,161,906.00	5,322,553.83	160,647.83	3.112%
Adjusted Production Units	9,907,864.50	10,749,850.32	841,985.82	8.498%
<u>Total Isola Realized Benefits</u>				
Adjusted Cost per Unit	\$0.0565086	\$0.0461654	-\$0.010343	-18.304%
Adjusted Cost per kWh	\$0.1084637	\$0.093086	-\$0.015377	-14.178%
kWh per Unit	0.5209908	0.4959424	-0.0250484	-4.808%
Adjusted Electrical Charges	\$559,879.40	\$496,271.16	-\$63,608.24	-11.361%