



## Summary



<b>Industry:</b>	Food - Dairy
<b>Application:</b>	Power Factor Correction
<b>Actual Saving:</b>	£3,696
<b>Payback Period:</b>	12 Months



## ERIKS Conduct an Energy Usage Survey for a Dairy Company

The Customer Achieved Significant Cost Savings Based on ERIKS Recommendations

### ISSUE

A large UK dairy manufacturer approached ERIKS to look into their energy usage and potential improvements in this area. The customer had particular concerns over the performance of the power correction assemblies they used on-site.

### SOLUTION

ERIKS Specialists, in collaboration with a power automation company, carried out a Survey of the plant Electrical Power Usage. Inspections were conducted on the 3 Power Correction assemblies the customer was concerned about to evaluate their performance. The overall purpose of the survey was to identify energy savings on electricity usage.

The survey showed areas of energy loss and confirmed all 3 power correction assemblies were underperforming and needed replacing. ERIKS submitted a detailed report recommending reduction in ASC (Authorised Supply Capacity). Based on ERIKS' recommendations, the ASC has been reduced from 2000KVA to 1700KVA through improving the power factor and replacing the faulty assemblies. These actions have resulted in a reduction of the site's Cost of Electricity by £462 per month.

### OTHER BENEFITS

- Positive Energy Reduction
- Technical Know-How
- Cost Savings

### FURTHER COMMENTS...

The customer have implemented ERIKS recommendations and have achieved savings of £462 per month. (1st May to December 8 months)= £3696.00

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

**Tel: 0845 006 6000**

**Web: [www.eriks.co.uk](http://www.eriks.co.uk)**