

CASE STUDY



TEV LTD

THE CLIENT

TEV Limited are a long established manufacturer of air conditioning equipment and a market leader in residential renewable heating systems.

THE CHALLENGE

In addition to producing energy efficient products, TEV is also committed to making its own production facility operate as efficiently as possible. An integral part of this is the company's wish to cut the amount of energy consumed in the factory. A measurement on the average daily consumption at the factory revealed a total kWh of 857.8kWh.

THE SOLUTION

Following a site evaluation and electrical load analysis, a Powerstar voltage optimisation system was installed to not only reduce the incoming voltage levels but also clean and condition the power supply to address power quality issues.

Powerstar provided a UK manufactured solution, supported by a 15 year warranty, 50 year life span and 100% savings guarantee.

Following the installation, the average daily consumption had fallen to 704.9kWh, a saving of 153kWh per day (17.8%).

CUSTOMER QUOTATION

"The installation of the Powerstar system has cut our energy costs by nearly 20%, this is another positive step in TEV's continuing commitment to the 14002 accreditation".

Chris Chisman
Engineering Manager, TEV Ltd

KEY FIGURES

- Annual consumption savings: **17.8%**
- Annual financial savings: **£6,000**
- Annual emission savings: **17.7 tonnes**



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