

Why eco-max™?

eco-max

VOLTAGE OPTIMISATION
SAVE MONEY, ENERGY & CARBON

UK's Original VO Manufacturers

With over 25 years of engineering expertise

Extensive Range

Of sizes to perfectly suit your business

Engineer-Led

Designed, built & tested by GWE under ISO9001 Quality systems for reliability

Context

The Carbon Trust surveyed the hotel, with a view to identifying and prioritising up to 6 actions to reduce energy consumption. It was highlighted that voltage optimisation and power factor correction would be beneficial in reducing the hotel's energy consumption.

KEY METRICS



10

Actual Reduction in Energy Consumption



34,204

Reduction in Energy Cost, per Annum



76,009

KWhrs Saved per Annum



6 MONTHS

Payback

Solution

GWE's Bespoke optimisers are used to optimise the voltage to a single piece of equipment, a localised area or an entire building. They can be supplied with fixed or variable outputs, with or without power factor correction.

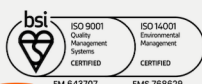
In this instance, a three-stage optimiser with power factor correction was designed to deal with the specific issues identified and to achieve the maximum possible energy saving. The unit was installed and further data logging was carried out to measure the savings.

Testimonial

The installation of the Staged Voltage Tracking Unit has mitigated the problems associated with large voltage fluctuations on site. Holiday Inn has seen a reduction in equipment failures, and associated replacement/maintenance costs as well as reduced electricity bills.

For more information

gwenery.co.uk



*Disclaimer- Case study stats and figures are updated based on the current energy climate and average energy rates to give a more accurate representation of potential savings