

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 & quality Tested by GWE under ISO9001.

Testimonial

Voltage Optimisation "... is great for the Trust. We can direct money that would otherwise have been spent on electricity to our conservation work elsewhere at the property". Charis Fowler – National Trust Environmental Practices Advisor

KEY METRICS



22.8

Average reduction in energy consumption



£5303

Reduction in energy cost, per annum



119,355

kWh saved per annum



REDUCED

Carbon emissions



1.2 YEARS

Payback

Context

The National Trust is a charity organisation that works to preserve and protect historic places. The National Trust chose eco-max voltage optimisation as part of its approach to hit its green energy targets and reduce overall energy consumption by 2020. They independently test and verify savings achieved on a regular basis.

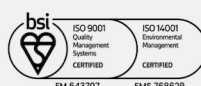
Requirements

The National Trust approached GWE to conduct an energy analysis on-site, to work out why there were power quality issues (eg. security alarm supplies were often tripping out). GWE established the voltage and load profile and proposed that implementing a VO project would correct these problems and yield energy cost savings as well.

Solution

GWE anticipated consumption savings of 10.6% with a projected project payback of 29 months and ROI of 44.1%. These were all exceeded in subsequent post-install analysis, and an average 22.8% reduction in their equipment's energy consumption was recorded over a 12-month period.

gwenergy.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