

Why 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.

Context

A British supermarket approached us about implementing eco-max voltage optimisation in 4,000 stores. They had a climate change plan to reduce their carbon emissions by 50% by 2025.

KEY METRICS

FROM THE FIRST ROLL OUT



7%

Energy reduction across estate



£200,857

Reduction in energy cost, per annum



318.56

Tonnes of carbon saved



Requirements

- Lower energy consumption
- Reduce carbon footprint
- Optimise electrical equipment
- Integrate metering & monitoring with their own data management system

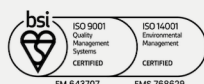
Roll Out & Result

We analysed the company's energy data, developed a bespoke eco-max optimiser prototype system, and tested and commissioned it. The initial phase one 64-site rollout was completed in just 8 weeks.

To record the benefits of our VO we ran a test and stopped the machines optimising for one week then turned them back on so we could see the positive impact the VO was having.

Site	Without eco-max	With eco-max	Savings
A	4170	3870.7	8%
B	3735.9	3494.1	7%
C	4693.2	4332.4	8%
D	5036.4	4698.4	7%
E	5054	4658.1	8%

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