

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

Bupa was concerned about the suitability of their load profile for whole-site VO. The primary concern was that of "risk", avoiding any adverse effect on the operation of sensitive medical equipment was paramount. The secondary concern was the extent of the energy saving to be gained, as a large proportion of the electrical equipment in use was electronics-based which delivers little or no energy saving from VO.

KEY METRICS



9 MONTHS

Payback



£17344

On Average Saved Per Year



21 TONNES

Estimated Co2 Saved



38,543 KWH

Energy Saving per year

Requirements

After carrying out an extensive survey of two separate sites we confirmed that Bupa's concerns were rightly justified. We identified that the site's energy consumption was equally split across the admin/building services block and the residential wings. Only the energy consumption of the admin block could be significantly reduced by the implementation of VO. So, it made more sense, both operationally and commercially, to opt for a localised VO approach. This approach completely removed any operation "risk" issues and reduced the cost of the project whilst delivering a similar level of saving to the whole site.

Energy savings have been monitored and are exactly as predicted in our business case prior to installation.

Benefits of the localised approach

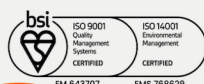
- No risk
- Easier installation
- Reduced capital cost
- Equivalent level of energy saving

For more information

gwenenergy.co.uk

MADE IN BRITAIN

MADE IN SHEFFIELD



*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