

# Why eco-max™?



VOLTAGE OPTIMISATION  
SAVE MONEY, ENERGY & CARBON

Community  
Integrated  
Care

## 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

Community Integrated Care (CIC) is one of the UK's largest health and social care charities. Eccleston Court is a nursing home based in Eccleston, St Helens, Merseyside, housing up to 50 residents

### KEY METRICS



**12.4**

Average reduction in energy consumption



**WITHIN 1 YEAR**

Payback



**£10,119**

Reduction in energy cost, per annum



**11.749 TONNES**

Estimated Co2 saved

### Requirements

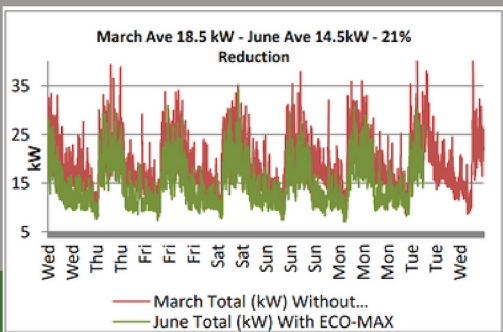
CIC are committed to reducing the operating costs of their care homes, allowing budgets to be spent on areas enhancing patient care and overall service user experience. GWE established the voltage and load profile and proposed that implementing a VO project would yield significant energy cost savings. The ECO-MAX-Commercial 200A Unit (including 'Brownout' under voltage inhibit) was installed in 2014 and the voltage was safely reduced by 10%

### Solution

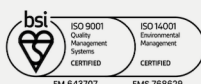
A Post install analysis was conducted and the results are shown in the Graph.

This is a comparison of the consumption in March, without eco-max, against the consumption in June with eco-max, showing a 21% reduction in usage.

This reduction in kWh lowered the overall electricity bill, saving CIC money on their electricity bills.



[gwenery.co.uk](http://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