

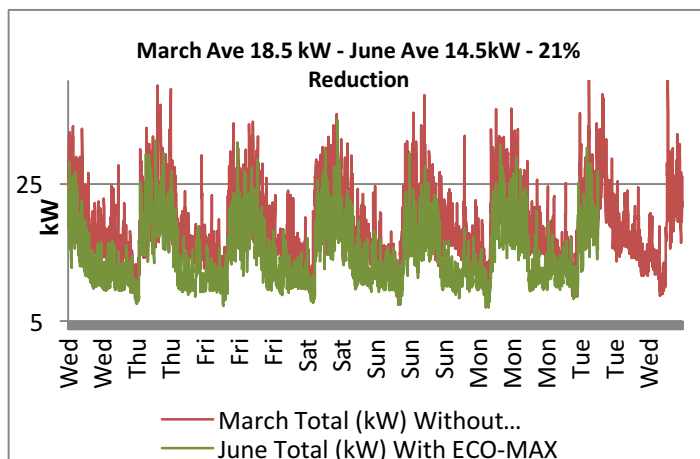
# GW Energy Ltd - CASE STUDY



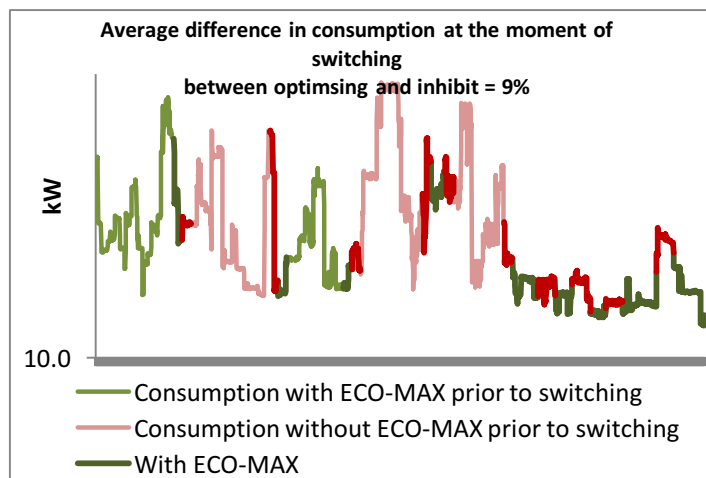
## ECO-MAX-COMMERCIAL EMC200i CIC – Eccleston Court Care Home



Over **12.2%** average energy savings achieved by the ECO-MAX, with a **payback of under 3 years**



Graph A



Graph B

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

CIC are committed to reducing 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%.

GWE anticipated consumption savings of up to 12.4%, with a projected project payback of 35 months and ROI of 34.3%. Post install analysis was conducted and the results are shown in Graphs A & B.

Graph A 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.

Graph B is an instant snap-shot of 'on/off' testing (the consumption with and without ECO-MAX), the average difference recorded was 9%.

It can be concluded that the ECO-MAX is saving a minimum of 9%, however monthly comparisons suggest the actual savings will be far higher.

