

What can Voltage Optimisation do for me?



Reduce your carbon footprint



Reduce your electricity bills



Extend the lifespan of your electrical equipment



Reduce your energy consumption



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INCREASING ENERGY PRICES EATING INTO YOUR PROFITS?



The Plough Inn, Huddlesford

CASE STUDY



A full survey was undertaken by matt:e to assess the current electrical loads being used by a local pub/restaurant - The Plough Inn.

Full MID-approved metering was installed to measure the upper and lower incoming voltage levels into the building, which also measured energy consumption over a 14 day period. These readings were taken both before and after Voltage optimisation was implemented.

The Plough uses 179945 kw/h per annum at an average of 15 pence per Kw/h. This equates to an annual electricity bill of **£26,991.75**

The voltage level recorded, prior to install, was averaged at **248V**. Voltage optimisation **reduced this by 15V**, taking it to an average of **233V**.

Based on the results, voltage optimisation will reduce the bills by **13.9%** per annum, which in this instance equates to a **yearly energy saving of £3752.00**

INSTALLATION AND COSTINGS FOR THE PLOUGH



- 1 x 100amp Voltage optimisation unit
- Non - invasive installation as no requirement to shut down electricity supply until the units have been fully installed.
- Shut down took approximately 2 hours and was carried out during closing hours to avoid interference with trading.
- 'Fit & Forget' technology with a lifespan of 25 years. No need for maintenance.
- project cost £3500.00 (ex VAT)
- Return on Investment; 11 months