

CASE STUDY



COPELAND BOROUGH COUNCIL

THE CLIENT

Copeland Borough Council is based in Cumbria, the most North West county in England. The Council is dedicated to improving the carbon footprint of Cumbria and are keen to take steps to reduce their own emissions.

THE CHALLENGE

Copeland Borough Council identified that the incoming voltage into their head office facility was at 243v, and began actively researching voltage optimisation systems, to determine the best option for their site.

The Council were keen to source a reliable solution which could demonstrate previous success and low failure rate.

Powerstar, through a long history of successful installations with no failures backed by a 15 year warranty and 100% savings guarantee were able to reassure the Council that the solution was able to meet these requirements.

THE SOLUTION

After a full site evaluation it was determined that a fixed voltage optimisation system, set to reduce the incoming voltage by 18v, would provide the most effective solution for the Council.

Along with offering the most effective site specific solution for the Council, Powerstar provided a full turnkey solution ensuring the installation is carried with minimum fuss and no disruption to the operations at the site.

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KEY FIGURES

- **Annual CO2 Reduction: 32.6 tonnes**
- **Annual kWh savings: 59,760kWh**

CUSTOMER QUOTATION

"The voltage optimisation system is a great example of a change that we can make which helps the environment and saves money without any impact on the services we provide."

By making this change we can reduce the amount of energy we use in the building, yet still operate all of the same technology and systems that we currently use."

**Councillor Alan Holliday,
Portfolio Holder for the Environment & Sustainability,
Copeland Borough Council**

