

CASE STUDY



PURIFICATION PRODUCTS

THE CLIENT

Purification Products is an innovator and manufacturer of high performance filtration and purification materials.

THE CHALLENGE

Powerstar was challenged to demonstrate to Purification Products Limited that its voltage optimisation system could make a significant reduction to the company's electricity consumption and carbon emissions without having a detrimental effect on the plant and machinery.

The solution would also have to enhance the organisations existing efforts to reduce electricity consumption of its non-productive items, for example lighting and heating.

THE SOLUTION

A Powerstar 350KVA system was installed delivering a 7% reduction to the incoming voltage profile.

As a result of the installation Powerstar is delivering a 23% reduction in annual electricity consumption, financial savings of £12,000 and carbon emission savings of 90 tonnes.

CUSTOMER QUOTATION

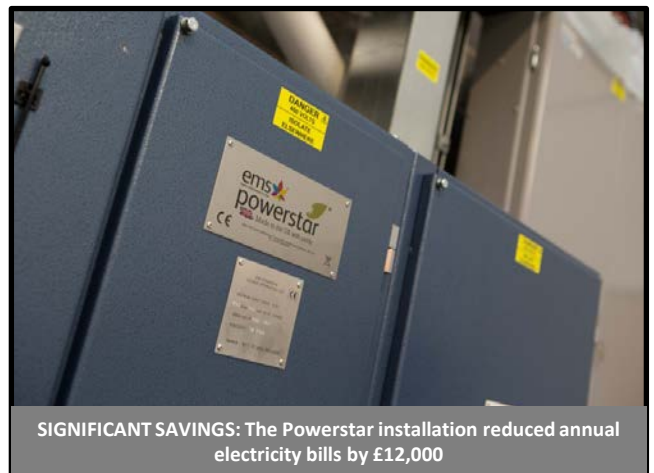
"We have always strived to minimise the use of our electricity and gas, however most of our efforts related to non productive items, such as lighting and heating.

The installation of the Powerstar system has reduced our total electricity consumption by almost a quarter (23%) and we are absolutely delighted."

Quentin Mackenzie
Managing Director, Purification Products

KEY FIGURES

- Annual consumption savings: **23%**
- Annual financial savings: **£12,000**
- Annual emission savings: **90 tonnes**



www.powerstar.com