Education Facilities from colleges, universities and both primary and secondary schools are increasingly seeking to reduce their impact on the environment by reducing their energy consumption and carbon emissions. Many education providers are seeking technologies that not only reduce energy consumption and carbon emissions but achieve significant savings on operating costs across a whole site.

**Benefits of Powerstar**

- HV & LV range of voltage optimisation systems available
- Unique, patented design offering highest levels of efficiency
- Average savings of 12%-15% on annual electricity consumption
- Typical payback periods of 2-3 years
- Guaranteed savings
- Increased lifespan of onsite equipment and reduced maintenance costs
- 100% reliability record, no recorded failures in over 13 years of installations
- Up to 15 years warranty* and a 50 years lifespan

Powerstar is the global market leader in voltage optimisation which works to address over voltage and power quality issues within a site. Established in 2001 and British manufactured, Powerstar optimises and regulates the incoming voltage to meet the requirements of onsite electrical equipment, machinery and appliances, giving them a prolonged lifespan and reduced maintenance costs.

**Our Global Client List Includes**

- University of Bristol
- University of Surrey
- The University of Sheffield
- Neapolis University Pafos
- Sheffield Hallam University
- Portland College
- Chesterfield College
- RACC

* 10 years warranty outside of UK, Cyprus and Australia
CASE STUDIES & TESTIMONIALS

Sheffield Hallam University

“We are absolutely delighted with the Powerstar system which has reduced our direct carbon emissions by 16%. In addition, the significant improvement in the life expectancy of our electrical equipment due to Powerstar has shown that the overall carbon savings from this project are considerably higher than originally anticipated.” Stephen Ward, Senior Electrical and Mechanical Engineer

University of Surrey

Upon installation, Powerstar guaranteed 8.1% savings on annual energy consumption at the University of Surrey, equating to 189,474kWh per year. Financially, the University benefits from an annual saving of £13,911 on its electricity bills, and achieved a payback period of just over three years.

Portland College

Portland College saved 11.3% of their annual energy consumption with a Powerstar install. The annual kWh figure not used totals 163,074 kWh, equating to 85.5 tCO2 reduced annually and savings of £12,591 per year. “Powerstar has been the best investment we have made to reduce our electricity costs and make ongoing savings in the future.” Quentin Colley, Vice Principal.

ST HILD’S

The installation of Powerstar at ST HILD’S School of engineering reduced energy consumption by 9.2% which is a reduction of 49,663kWh used and 27.1 tonnes saved in CO2 per year. Along with the annual financial savings of £4,795 the school received from reducing energy, such a reduction will also save the school £325 in Carbon Reduction Commitment (CRC) tax payments.

RACC

Richmond Adult Community College, London, are aware of their corporate responsibility to reduce carbon emissions. Based on the site survey, 210kVA Powerstar units were installed at two of the College’s sites. Following the installation, Richmond Adult Community College is saving an average of 16% on electricity consumption per annum.

Carlinghow Princess Royal Primary School

Carlinghow Princess Royal Primary School sought a reliable solution that would allow them to reduce their impact on the environment. The Powerstar system was able to outperform the guaranteed 10.1% savings predicted, instead achieving an impressive 15.2%. The system has helped Carlinghow Royal Princess Primary School save 4,434kWh in just the two months since installation.

Contact us and find your local Powerstar office or distributor details at

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Email us at info@powerstar.com

Powerstar is manufactured in the UK by EMSc (UK) Ltd