



powerstar[®]

100% British Engineered. 100% Guaranteed Results.

The
ONLY SYSTEM
with a
Patented
DESIGN

HELPING LOCAL AUTHORITIES REDUCE CARBON FOOTPRINT & ENERGY COSTS

100% SAVINGS GUARANTEED.

With limited budgets and the implementation of the Carbon Reduction Commitment, Local Authorities are turning to reputed solutions such as voltage optimisation to reduce their energy consumption. Voltage Optimisation is not only capable of reducing electricity usage and carbon emissions, but can also significantly reduce operating costs, all with short payback periods.

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, 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.

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**

* 10 years warranty outside of UK, Cyprus and Australia

OUR GLOBAL CLIENT LIST INCLUDES



CASE STUDIES & TESTIMONIALS



LONDON CITY HALL

Following the installation of Powerstar at London City Hall energy consumption savings of **13.6%** have been achieved. Aside from reducing the Greater London Authorities' carbon footprint, the established savings have also reduced the electricity costs associated with the building. Other landmark sites now with Powerstar installs include The Palace of Westminster and Parliament House in Perth, Australia.



Savings of **12%** in electricity consumption have been achieved through the installation of a 226kVA Powerstar unit at Tower Hamlets' Albert Jacob House. An annual saving in electricity consumption of **54,065kWh** was achieved following the installation. This equates to a saving of **£6,411** on annual electricity charges. Carbon emissions were also reduced by **30 tonnes** per annum.



Powerstar is saving Derby City Council in the region of **£10,000** per annum in electricity costs. The system installed at the Eagle Centre Market is saving **128,972kWh** annually, which equates to **14.6%** in electricity consumption. Powerstar is also helping the Council lower its carbon emissions by **69.2 tonnes** per annum.



"The introduction of the Powerstar unit at the Leisure Centre building is a significant contributor to Cotswold District Council's energy saving programme. I am particularly pleased that we have reduced costs while contributing to our goal of achieving a **25%** reduction in harmful carbon emissions by 2015." Councillor Mark Tufnell, Cabinet Member for Environment and Communities, Cotswold District Council



The installation of a Powerstar unit at The Department of Business and Industry, has delivered savings of **13.7%** equating to annual savings of **53,376 kWh**. Financial savings of **£4,537** per year have been achieved and the equivalent of **29 tonnes** of CO₂ are not being emitted annually.



Following an in depth site survey and the installation of Powerstar, North East Lincolnshire Council is now saving **24.7%** on its annual energy consumption. The Council is saving **57,853kWh** per annum and **£6,094** off its annual electricity bill.

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

www.powerstar.com

Email us at info@powerstar.com

HV SYSTEM

powerstar
100% Break-Engineered 100% Guaranteed Results
HV MAX

LV SYSTEMS

powerstar
100% Break-Engineered 100% Guaranteed Results
MAX powerstar
100% Break-Engineered 100% Guaranteed Results



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