

A UNIQUE VOLTAGE OPTIMISATION
SYSTEM



Case Study:
TDG Refrigeration Services



WWW.POWERSTAR.CO.UK

POWERSTAR.
THE SIMPLE SOLUTION.
CALL THE EXPERTS NOW
ON **01709 836200**

A UNIQUE VOLTAGE OPTIMISATION
SYSTEM



The Customer

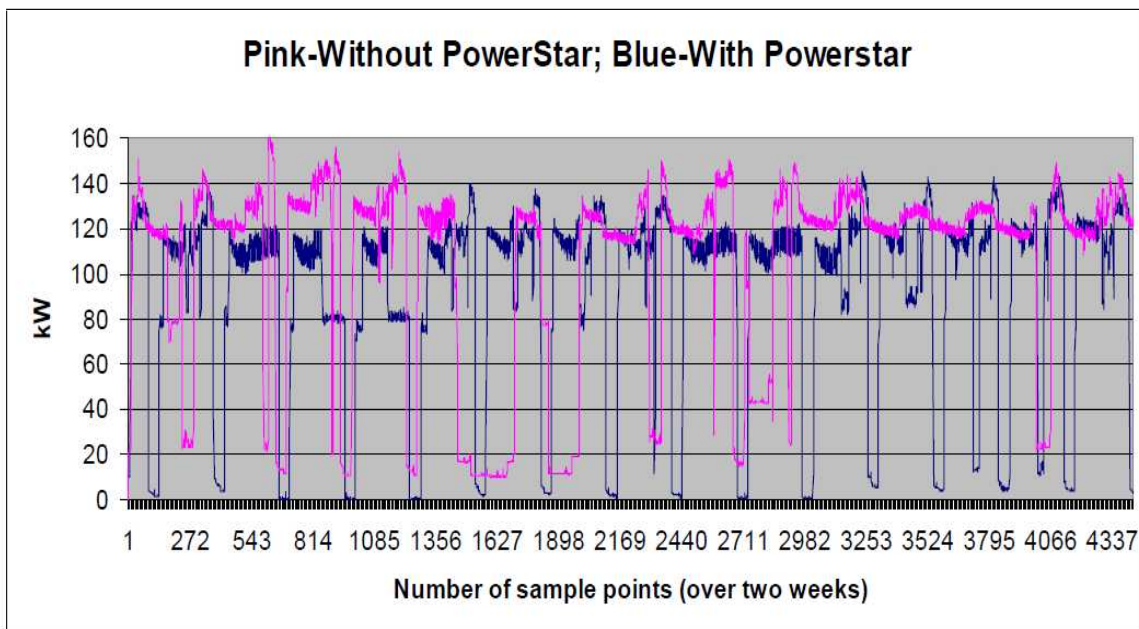
TDG Refrigeration services in Leeds, is one of TDG's 18 temperature controlled warehousing sites in the UK that provide flexible chamber storage facilities a range of temperature, from deep chill right through to ambient.

The Installation

The project involved the installation of a Powerstar unit at 225kVA supply. The results show the power consumption profile of the site for 4 weeks. (two weeks prior to Powerstar installation and two weeks with a Powerstar installation)

Results

The chart below shows the on-site consumption both with and without the Powerstar unit per day, for the duration of the installation, the blue line representing the energy consumption with the Powerstar system installed.



WWW.POWERSTAR.CO.UK

POWERSTAR.
THE SIMPLE SOLUTION.
CALL THE EXPERTS NOW
ON **01709 836200**

A UNIQUE VOLTAGE OPTIMISATION SYSTEM



Savings summary

The savings analysis proved that with Powerstar activated a reduction of 3,341kWh was achieved, this represented a **10% reduction in power consumption**.

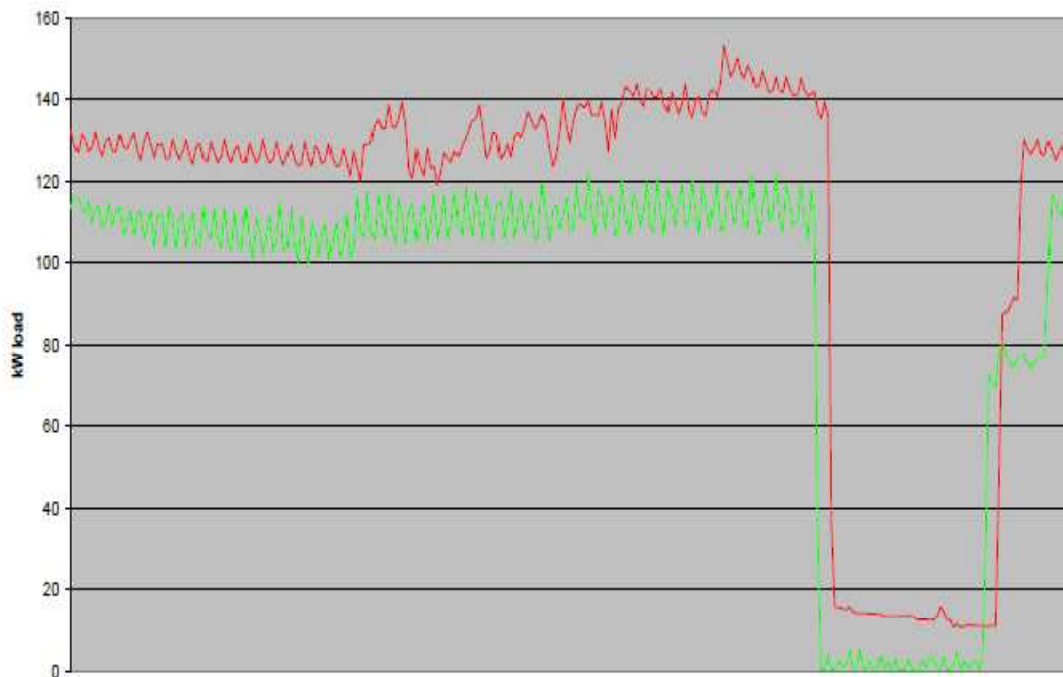
Annually the Powerstar system provides savings for TDG in the region of 86,875kWh in energy consumption and financial savings of £6,500.

The system was installed in 2007, and continues to produce consistent savings each year.

Savings analysis

The graph below shows the typical 24 hour power consumption trace on site before and after the installation of the Powerstar system.

The green line representing the consumption with the Powerstar system installed.



Customer Quotation

We are very happy with the installation of the Powerstar system which has saved 10% in energy consumption, we have also benefited from a reduction in carbon footprint and significant financial savings.

Steve Tomlinson, Finance Director, TDG



WWW.POWERSTAR.CO.UK

POWERSTAR.
THE SIMPLE SOLUTION.
CALL THE EXPERTS NOW
ON **01709 836200**