

CASE STUDY

ISG

ISG TOTTY – Construction Services

THE CLIENT

ISG Totty, based in Bradford, Yorkshire, are an international construction services company who deliver fit out, construction and engineering services.

They work across a comprehensive range of industry sectors through their private and public divisions. The business is one of the largest construction and property development groups in England, carrying out refurbishment projects up to £10m in value.

THE CHALLENGE

ISG Totty are focused on delivering great projects for happy customers whilst also looking after their people, the environment and communities. To achieve this the company established a 2020 Sustainability Vision strategy.

As part of this strategy the company has set itself a target of reducing total carbon emissions by 15%, by 2020.

ISG Totty were keen to identify methods to reduce consumption during both weekday working hours and at weekends without any impact on the business.

Powerstar was assessed as a viable solution, and a free of charge site survey was undertaken to establish the guaranteed savings.

THE SOLUTION

After assessing the site voltage profile and electrical load characteristics, the Powerstar team identified that the incoming voltage into the site was 247V. The primary users of electricity at the facility were lighting and IT equipment.

A 125Kva Powerstar voltage optimisation system, was installed, providing a 20V reduction in voltage.

The installation effectively reduced the incoming voltage to the site to more accurately match the profile of the electrical equipment, thus ensuring no negative impact to the business.

KEY FIGURES

- Annual consumption savings: **18%**
- Annual financial savings: **£6,000pa**
- Annual CO₂ savings: **36.47tonnes**

CUSTOMER QUOTATION

*The installation of Powerstar has cut our annual energy consumption by 18%.
This is a fundamental step towards our efforts to minimise our carbon footprint.*
Phil Mason, Facilities Manager, ISG Totty



ISG TOTTY: The company's Bradford office is based on the Woodlands Park estate

www.powerstar.com

