

CASE STUDY



Gunstones Bakery

INTRODUCTION

2 Sisters Food Group started out in the early 1990's and have grown to become one of the leading food manufacturing companies in Europe producing branded and retailer own brand pizzas, pies, poultry, puddings, ready meals and ranges of soup.

They employ around 23,000 people at sites across the UK and Europe.

THE SOLUTION

After a thorough site survey at the Gunstones Bakery site in Dronfield a total of three Powerstar voltage optimisation units were installed.

SAVINGS & BENEFITS FOR TX2

The average consumption the month before the Powerstar Installation for this transformer was 530.2kW per hour while after the installation this was reduced to 486.7kW per hour.

- ✔ Savings of **8.20%** energy consumption
- ✔ An average direct saving of **43.5kW** per hour

✔ **The total savings on TX 2 are 395,491kWh per year**

✔ **Financial savings are £22,529 per year**



2 Sisters Food Group are one of the UK's brightest and biggest food companies.



'Feeding Our Future' is the 2 Sisters response to these sustainability challenges.

www.powerstar.com



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SAVINGS & BENEFITS FOR TX3

The average consumption the month before the Powerstar Installation for this transformer was 430.1kW per hour while after the installation this was reduced to 387.8kW per hour.

- ✔ Savings of **9.84%** energy consumption
- ✔ An average direct saving of **42.3kW** per hour
- ✔ Therefore based on 360 days of production per year, the total savings on TX 3 are **365,883kWh** per year
- ✔ Based on 6p/kWh the saving is **£21,953** per year

SAVINGS & BENEFITS FOR TX4

The average consumption the month before the Powerstar Installation for this transformer was 345.6kW per hour while after the installation this was reduced to 312.0kW per hour.

- ✔ Savings of **9.70%** energy consumption
- ✔ An average direct saving of **33.6kW** per hour

- ✔ **The total savings on TX 4 are 289,561kWh per year.**
- ✔ **Financial savings are £17,374 per year**



2 Sisters Food Group are committed to delivering market-leading performance on key environmental issues in their business, with customers, supply chain and end consumers.

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