



FOUR SEASONS
SHOPPING CENTRE
MANSFIELD

Four Seasons Shopping Centre

INTRODUCTION

The Four Seasons Shopping Centre, situated in the heart of Mansfield, is a vibrant and inviting destination for shoppers in the area.

The centre has been in operation since 1974 and boasts over 50 stores including high street fashion, electrical goods, home entertainment, books, gifts and travel agents.

THE CHALLENGE

Due to the centre being open 7 days a week, the Powerstar team worked with the centre's management team to schedule the surveys and installation times without affecting the day to day operations and the shopper experience.

The incoming voltage at the centre was fairly stable but higher than required at an average 240.9V. With most electrical equipment rated to work most efficiently at 220V voltage optimisation was a perfect solution to correct the overvoltage on site and therefore reduce their electricity consumption.

THE SOLUTION

Powerstar offered a concept to completion service, and set out a fully supported, turnkey solution to the Four Seasons Shopping Centre which provided tangible reductions in energy consumption and guaranteed savings.

Following an analysis of the voltage profile on site, logging of electricity consumption and understanding the production process at the facility, the Powerstar team recommended a 179kVA Powerstar LITE system with a 17.5V reduction in voltage.

SAVINGS AND BENEFITS

The installation of the Powerstar LITE system at the Four Seasons Shopping Centre will reduce annual electricity consumption by 24,289kWh per annum, equating to guaranteed annual consumption savings of 7.5%.

The installation was carried out with no disruption to the centre's operations and without negative impact to the experience or enjoyment of visitors to the site, a critical component to any customer facing business, especially those operating within the leisure industry.

**Guaranteed Annual Consumption Saving:
11.7%**



FOUR SEASONS SHOPPING CENTRE: in operation since 1974 the centre currently houses over 54 stores.

CUSTOMER QUOTATION

“Powerstar successfully managed the installation of the Voltage Optimisation and Power Factor Correction units at the Four Seasons Shopping Centre through tailoring the installation to meet our requirements, whilst not disrupting the service provision to our customers.

The equipment installed has had a significant effect in reducing our electrical consumption.”

**Martin Moran, Operations Manager
Four Seasons Shopping Centre**

LITE MAX HV MAX