

NUTRICIA

Nutricia Advanced Medical Nutrition UK

INTRODUCTION

Nutricia, subsidiary of parent company Danone, specialises in the delivery of advanced medical nutrition for the very young, the old and the sick. As well as being the largest specialist nutrition company in Europe, Nutricia is the market leader in the UK.

Nutricia focuses its resources on developing and delivering new solutions to meet both existing and emerging health needs in disease and ageing.

Its nutritional solutions are tailor-made to meet the specific nutritional needs associated with a variety of diseases and conditions.

THE CHALLENGE

As well as health, sustainability is an area of focus for Nutricia, constantly evaluating its environmental impact and actively seeking ways to reduce carbon emissions.

Its challenge was to further reduce energy consumption without impacting the sites day to day operations.

THE SOLUTION

Nutricia has been working closely with Powerstar's approved partner, Central Group, for several years looking to reduce energy usage and make the most of the resources on site.

After Central Group carried out an extensive site appraisal, power load analysis and voltage evaluation for Nutricia, they recommended the installation of a Powerstar MAX 1250kVA voltage optimisation system.

The maximum site voltage was recorded at 243V and Central Group recommended voltage optimisation to bring the average supply voltage down to 225V, more inline with the operational needs of the site's equipment. Due to fluctuation in the sites voltage profile, the electronic-dynamic or 'variable' solution was best suited for the client's facility.

LITE MAX HV MAX

SAVINGS AND BENEFITS

Following the installation at Nutricia, the data was analysed and the report verified that the company is achieving more than the guaranteed annual consumption savings of 5.9%, reaching 8%.

Further benefits of the Powerstar MAX solution include cleansing and stabilising the incoming supply, minimising the negative effects caused to on-site equipment by voltage spikes and dips, and ultimately increasing equipment efficiency.

KEY FIGURES

- ✦ **Annual Consumption Saving: 8%**
- ✦ **Annual CO₂ Reduction: 110.97 tonnes**
- ✦ **Annual kWh saving: 290,918 kWh**
- ✦ **Annual Financial Savings: £25,630**

CUSTOMER QUOTATION

When commenting on the project to Central Group, the customer said:

"We have worked with Central Group for several years now and have always been happy with their work so were keen to hear more about their new partnership with Powerstar."

Everyone was so passionate about the product and its benefits for the environment. It was an easy decision to make as it is in line with everything ourselves and our parent company are aiming to achieve on the sustainability side of the business."

Ken Jackson
Maintenance Manager at Nutricia

**Delivered by Powerstar's
approved partner:
Central Group**

