



Tadcaster Community Swimming Pool

INTRODUCTION

The Tadcaster Community Swimming Pool first opened in December 1994 and is one of the region's most popular swimming pool and fitness venues.

It offers a varied programme including: general swimming, sessions for the Over 45's, aquafit, a disabled club, pool parties, a canoe club, a junior swim squad, parent and toddler sessions, adult lane swimming as well as an extensive swimming lesson and Fitness Suite program.

THE CHALLENGE

The swimming pool is open seven days a week from early morning until late at night so the Powerstar team had to arrange the site survey and installation at a time which would not interfere with the normal running of the facility.

THE SOLUTION

After monitoring of the voltage showed an average voltage delivered to site of 247.5V it was decided to install a 144kVA Powerstar voltage optimisation system to reduce the voltage by 22.5V.

BENEFITS

After installation Tadcaster Community Swimming Pool are saving **16.6%** on their energy consumption which is an annual saving of **79,650kWh** and a yearly reduction of **43.1 tonnes** of CO2 emissions.

KEY FIGURES

- 🌿 **Annual Consumption Saving: 16.6%**
- 🌿 **Annual CO₂ Reduction: 43.1 tonnes**
- 🌿 **Annual kWh Reduction: 79,650 kWh**

CUSTOMER QUOTATION

"The team worked out of hours to install the Powerstar Voltage Optimisation unit. It was a straight forward process with good energy saving results. I would recommend EMS to other organisations looking to save energy"

Chris Porter, Facility Manager , Tadcaster Swimming Pool



Tadcaster Community Swimming Pool



Inside the swimming pool

LITE MAX HV MAX