

# Gordano RFC

## Gordano RFC Solar PV Array



Gordano Rugby Football Club experience the rural challenges associated with being further away from the main energy grid. With the introduction of solar panels funded through REPF, they are now generating their own electricity and reducing their dependency on the grid.

The club is passionate about reducing their environmental impact, having an environmentally friendly LPG heating system and using internal lights that operate on a passive infra-red system to reduce their electricity and energy usage. To take this a step further, they applied to the Rural England Prosperity Fund to help install a 13.95 kW solar array on the roof of the rugby club.

The electricity generated by the solar array will enable the club to lower their operating costs meaning they can expand their activities and offerings to the community by lowering fees, keeping membership fees static, and giving the club the ability to welcome more members at reduced rates. The solar PV system will also enable them to reduce their carbon footprint by lowering the carbon intensity of their own electricity and by putting low-carbon electricity back in the grid for others to use. It is estimated that the solar panels will produce 12,249 kWh of clean electricity annually and save 2,601 kg of CO<sub>2</sub>, which is the equivalent to a car ride of 9,289 miles.

<https://www.gordanorfc.co.uk/>