



Lord Wandsworth College

LWC has always been a forward thinking business and as part of its wider sustainability aims the organisation commissioned Solarsense to install a Solar PV solution in order to reduce its carbon footprint and cut its energy bills.

The 50kWp array has been installed on the Sutton Hall building - a sports hall that houses facilities for sports including cricket, football, archery and badminton.

The system was designed by Solarsense to produce a peak output of 49.00kW - capable of generating 47,579kWh per annum. The array will reduce the organisations CO2 emissions by 15.5 tonnes per year and has been designed to payback within 5 years, creating a healthy ROI.

As part of the project Solarsense have included a bespoke monitor that will display real-time data within the Sutton Hall entrance - adding further value and providing an augmented teaching facility for those involved with sustainability and renewables.

Client: NRG / Lord Wandsworth College
Sector: Schools & Education
System Size: 50 kWp

Estimated Annual Output: 47,579 kWh
Annual CO2 Emissions Offset: 15.5 tonnes

