

# SUSSEX YACHT CLUB CASE STUDY



✔ <b>25 Year Net Profit</b>	✔ <b>Client</b>	✔ <b>Sector</b>	✔ <b>Technology</b>
£ 156,572	Sussex Yacht Club	Leisure	Solar PV
✔ <b>System Size</b>	✔ <b>Estimated Annual Output</b>	✔ <b>Payback Period</b>	✔ <b>Annual Carbon Savings</b>
27.72 kWp	31.52 MWh	3.3 Years	152.75 T

Sussex Yacht Club reaffirmed its commitment to sustainability by installing a 27.72 kWp solar PV system on its south-facing clubhouse roof to reduce energy costs and environmental impact. Excel Energy delivered a full turnkey solution using high-efficiency Trina Solar panels and a SolarEdge inverter with optimisers, along with all necessary mounting, monitoring and safety equipment.

The system is estimated to generate 31.52 MWh of clean electricity annually, helping to lower reliance on grid power and cut operational energy costs. With a payback period of 3.3 years, the installation provides strong financial value, while annual carbon savings of 152.75 tonnes of CO<sub>2</sub> support the club's environmental goals. Over its lifetime, the solar array is projected to deliver a 25-year net profit of £156,572.

**Learn More**

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