



# CHURCH FARM PODIMORE CASE STUDY



✔ Client	✔ Sector	✔ Technology	✔ System Size
Church Farm Podimore	Farms	Solar PV	51.70 kWp
✔ Estimated Annual Output	✔ Payback Period	✔ 25 Year Net Profit	✔ Annual Carbon
58.73 MWh	6.2 Years	£ 120,459	11.36 T

Church Farm Podimore, a busy dairy operation in Somerset, partnered with [Excel Energy](#) to install a 51.70 kWp solar PV system to cut energy costs and improve operational sustainability. Excel Energy delivered a full turnkey solution, including high-efficiency solar panels, a battery energy storage system and associated equipment with long-term warranties.

The installation is estimated to generate 58.73 MWh of clean electricity annually, helping to lower reliance on grid power and reduce operational expenses. The project has a payback period of 6.2 years and is projected to deliver a 25-year net profit of £120,459. It also provides annual carbon savings of 11.36 tonnes of CO<sub>2</sub>, contributing to the farm’s environmental goals.

This solar PV solution strengthens energy resilience, improves cost efficiency and supports sustainable farming operations.

**[Learn More](#)**

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