



# CHURCH FARM CASE STUDY



✔ Client	✔ Sector	✔ Technology	✔ System Size
Church Farm	Farms	Solar PV	132 kWp
✔ Estimated Annual Output	✔ Payback Period Including FITS	✔ 25 Year Net Profit	✔ Annual Carbon Savings
143.05 MWh	1.8 Years	£960k	27.64 T

A farming business partnered with [Excel Energy](#) to install a 132 kWp solar PV system across its farm buildings to reduce electricity costs and improve long-term sustainability. The project was designed to make efficient use of available roof space while supporting the farm’s high energy demands. Excel Energy delivered the installation using high-quality solar components along with mounting, monitoring and safety equipment, all backed by long-term warranties.

The solar PV system is estimated to generate 143.05 MWh of clean electricity annually, significantly reducing reliance on grid-supplied power. With a payback period of 1.8 years (including FITs), the installation delivers strong financial performance and is projected to achieve a 25-year net profit of £960,000. The system also provides annual carbon savings of 27.64 tonnes of CO<sub>2</sub>, supporting the farm’s environmental objectives.

**[Learn More](#)**

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