

# QUALITURN PRODUCTS LIMITED CASE STUDY



✔ Client	✔ Sector	✔ Technology	✔ System Size
Qualiturn Products Limited	Precision Engineering	Solar PV	153.65kwp
✔ Estimated Annual Output	✔ Payback Period	✔ 25 Year Net Profit	✔ Annual Carbon Savings
130.40 MWH	3.2 Years	£ 437,703	594 T

Qualiturn Products Ltd, a manufacturing company in Hertford, partnered with [Excel Energy](#) to install a 153.65 kWp rooftop solar PV system to reduce energy costs and support sustainable manufacturing operations. The system was designed and installed using SolarEdge technology to maximise energy performance and reliability.

The solar installation is estimated to generate 147.02 MWh of clean electricity annually, reducing reliance on grid power. It has an expected payback period of 3.6 years and is projected to deliver a 25-year net profit of £617,412. The system also provides annual carbon savings of 73.78 tonnes of CO<sub>2</sub>, supporting the company's environmental objectives.

This project demonstrates how commercial solar PV installations can deliver measurable energy generation, financial returns, and carbon reduction for manufacturing businesses.

**[Learn More](#)**

## Contact Us:

Telephone: 0203 834 9440  
Email: [info@excelenergy.co.uk](mailto:info@excelenergy.co.uk)

Website: <https://excelenergy.co.uk/>