

SOLAR ENERGY FOR

MANUFACTURERS



Shawton
ENERGY



POWERING INDUSTRIAL GROWTH

Manufacturers face growing pressure from multiple directions.

Energy costs remain a significant operational expense, customers increasingly expect evidence of sustainability performance, and businesses are under pressure to reduce emissions without compromising productivity or growth.

For many manufacturers, energy has become more than a utility cost. It is now a key factor influencing competitiveness, operational resilience, and long-term business performance.

Renewable energy offers an opportunity to take greater control of energy costs while supporting wider environmental and commercial objectives.

Shawton Energy works with manufacturers across the UK to develop and deliver renewable energy solutions that reduce reliance on grid electricity, improve sustainability performance, and create long-term value.



WHY CHOOSE SOLAR?



Large Rooftop Potential

Manufacturing facilities often have extensive roof areas, making them ideal for large-scale solar installations.



High Energy Demand

Predictable daytime operations allow businesses to consume much of the electricity they generate, increasing savings.



Operational Efficiency

Solar energy supports production by reducing energy costs and improving overall operational performance.



Long-Term Financial Resilience

Help reduce exposure to electricity price volatility while supporting long-term business planning and sustainability goals.



REDUCING COSTS WITHOUT SIGNIFICANT CAPITAL INVESTMENT

Many manufacturers want to reduce energy costs but prefer to retain capital for investment in equipment, facilities, production capacity, or growth initiatives.

A Power Purchase Agreement (PPA) allows organisations to benefit from renewable energy without the need for significant upfront investment.

Under this model, Shawton Energy designs, delivers, owns, and operates the solar system while the business purchases the electricity generated at an agreed rate.

This provides access to lower-cost renewable energy while preserving capital for core business priorities.

Today, Shawton Energy forms part of AMPYR Distributed Energy, combining specialist delivery expertise with long-term infrastructure ownership and funding capability. This provides confidence that projects are designed, funded, and operated for the long term.



No upfront costs

The solar PV system is installed and funded by Shawton Energy, so you do not need to make a large initial capital investment.



Stable energy costs

A power purchase agreement gives you greater certainty over electricity pricing across the contract period.



Lower electricity bills

Electricity generated on site from solar PV is often cheaper than grid electricity in the UK, leading to immediate savings on your energy bills.



No maintenance responsibility

Shawton Energy typically handles installation, monitoring, and maintenance, so you benefit from solar power without the operational burden.



OUR PROCESS

01 Scope

We begin by thoroughly understanding your business needs, future energy goals, available roof or ground space, and site layout. This helps us design the most effective solar solutions tailored to your specific situation. If any repair work is required before installation, we offer a range of solutions to ensure your site is fully prepared for optimal solar performance.

02 Design

We develop and present an optimal solar panel design tailored for your business. Our goal is to deliver significant cost savings while ensuring the design aligns with your carbon reduction commitments. By understanding your unique energy needs and sustainability objectives, we create a solar solution that maximises efficiency and supports your long-term environmental goals.

03 Sign-Off

We facilitate the agreement and sign-off process for the Power Purchase Agreement (PPA) and lease agreements. This ensures that all terms are clearly defined and mutually agreed upon, providing a solid foundation for your solar project. These agreements outline the financial and operational aspects of your solar installation, ensuring transparency and alignment with your business objectives.

04 Install

We understand that manufacturing environments require careful planning to minimise disruption to production and operations.

Our engineering teams work around production schedules, health and safety requirements, shift patterns, and operational priorities to deliver safe, efficient renewable energy installations while ensuring facilities remain fully operational throughout the project lifecycle.

05 Maintain

Under a PPA, we provide real-time management of your solar energy generation and supply, ensuring optimal performance at all times. Our team is dedicated to maintaining your equipment through regular servicing and prompt repairs, reducing downtime and increasing efficiency. This proactive approach ensures that your solar system operates smoothly and reliably, supporting your business's energy needs.

CASE STUDIES

InkTech

212 kWp Solar PV

A fully funded rooftop solar installation now generates more than 182,000kWh of renewable electricity each year, helping reduce energy costs.



Uniroyal

999.18 kWp Rooftop Solar

Delivers an average electricity savings of approximately £175,000 per year while reducing carbon emissions by more than 273 tonnes annually.



Duo Plastics

557.47 kWp Rooftop Solar

The project is expected to reduce carbon emissions by more than 106 tonnes per year while providing long-term energy cost savings.



KEY PARTNERSHIPS



KINGS
CROSS



FULLY FUNDED, TURN-KEY LONG TERM SOLUTIONS

Every manufacturing site is different. Energy demand, operating patterns, available space, and business objectives all influence what a successful renewable energy project looks like.

If you are exploring ways to reduce energy costs, improve sustainability performance, or strengthen your long-term energy strategy, we would be happy to discuss the opportunities available.

Get in touch with the Shawton Energy team to arrange an initial discussion and feasibility assessment.



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