

SOLAR ENERGY FOR

PHARMACEUTICAL & CHEMICAL



Shawton
ENERGY



POWERING CRITICAL OPERATIONS

Chemical and pharmaceutical businesses operate in some of the most energy-intensive and highly controlled environments in UK industry.

Production processes, laboratories, R&D facilities, temperature-controlled environments and specialist equipment can create significant and consistent energy demand. At the same time, businesses are under increasing pressure to control operating costs, reduce emissions and demonstrate progress against wider sustainability objectives.

For organisations where reliability, safety and continuity are fundamental, any change to energy infrastructure must also work around the realities of the site.

Shawton Energy works with energy-intensive businesses to develop renewable energy solutions that reduce reliance on grid electricity, provide greater long-term cost certainty and support carbon reduction without compromising day-to-day operations.



WHY CHOOSE SOLAR?



Large Rooftop Potential

Production facilities, warehouses and laboratories can offer substantial space for on-site solar.



High Energy Demand

Consistent daytime energy use means more of the electricity generated can be used directly on site.



Tailored Solutions

Roof condition, land, grid capacity and operational requirements all influence what is technically and commercially viable.



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

Investment decisions in chemical and pharmaceutical businesses are often competing against production equipment, R&D, facilities, compliance and business growth.

Renewable energy does not necessarily need to compete for that capital.

Through a Power Purchase Agreement (PPA), a solar project can be delivered without significant upfront capital investment. The electricity generated on site is purchased at an agreed rate, providing access to lower-cost renewable energy while capital remains available for core business priorities.

Shawton Energy forms part of AMPYR Distributed Energy, combining Shawton's development and delivery expertise with long-term infrastructure ownership and funding capability.

This provides a structure designed not simply to install a system, but to support its performance over 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 chemical and pharmaceutical environments require careful planning to minimise disruption to production and operations.

Our teams work around production schedules, access requirements, health and safety procedures and operational priorities to deliver safe, efficient installations while maintaining business continuity throughout the project.

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

Iceland 10 MWp PPA multi-site rollout

Solar rollout across distribution & retail sites.



Kings Cross 8.6 MWp Solar Farm

Supplying clean power directly to King's Cross estate. Landmark example of off-site corporate PPAs via virtual PPA.



IGC 3 MWp Roof Top Install

Full turn-key solution, under a 25-Year Power Purchase Agreement.



Uniroyal 1 MWp

Installed over a 16 week period, with no disruption to the site.



Carlton Academy 817kWp over 7 sites

Solar deployment delivered with no upfront cost under a PPA.



INSTALLATION HISTORY & PROGRESS

405

Solar Installations delivered over the last 5 Years.

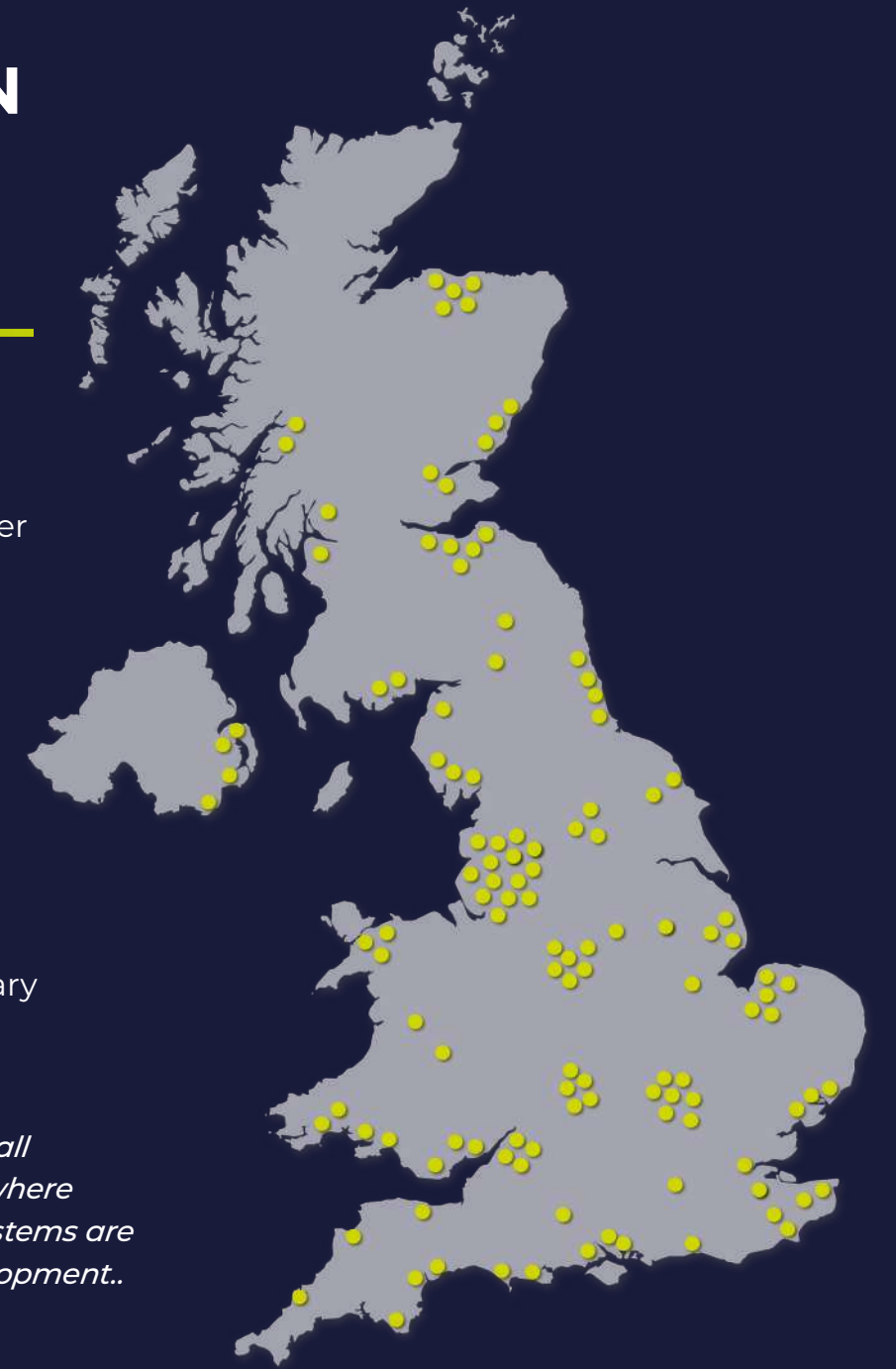
>100 MWp

Of clean energy operational today.

320 MWp

Pipeline launching from January 2026.

See the map on the right for all the locations across the UK where Shawton Energy Solar PV Systems are currently installed or in development..



FULLY FUNDED, TURN-KEY LONG TERM SOLUTIONS

Every chemical and pharmaceutical site is different. Energy demand, production requirements, available space, safety considerations and long-term 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.



hello@shawtonenergy.co.uk



01925 794 874



shawtonenergy.co.uk



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