

PIONEERING YOUR PATH TO TRUE

NET ZERO CARBON



Shawton
ENERGY

Shawton Energy is a renewable technology provider with the experience and expertise to plan, design, install and maintain a solar panel system that perfectly suits your energy consumption; helping you to reduce your electricity bills and to future-proof your business.

INCREASE SAVINGS AND MITIGATE FINANCIAL RISK WITH 100% FUNDING THROUGH POWER PURCHASE AGREEMENTS

We are an official partner of Iona Capital and have become a funded decarbonisation partner for industrial and commercial businesses.

Iona Capital is a UK market leader in sustainable investment funds with over 20 different low-carbon energy projects and this joint venture aims to deliver more than £50million in invested capital in high-quality solar projects over the next five years. Our partnership focuses on new roof-top solar projects that deliver renewable electricity through private wire Power Purchase Agreements (PPA) to the occupiers of the premises.

Shawton Energy installs, owns, and operates the Solar PV system on the rooftop of the client's property for the duration of the PPA, which is typically 25 years. After the agreed term has expired, the rights and title for the Solar PV system are passed onto the client. Effectively, you can now enjoy the power produced at zero cost.



YOUR DECARBONISATION PARTNER PROVIDING START-TO-FINISH LONG-TERM SOLUTIONS FOR A PRACTICAL PATH TOWARDS CARBON NET-ZERO

Shawton Energy will work in partnership with you to understand your energy consumption, ensure Solar PV is the right solution, and make the switch to solar power as straightforward as possible.

We streamline the process from beginning to end, coordinating all the necessary people, permissions and processes to ensure no disruption to your business.

There has never been a better time to take control of your energy usage by using renewable energy sources.



Energy bills have risen by 96% in just one year and continue to rise



A typical solar panel will save over 900kg of CO2 per year.



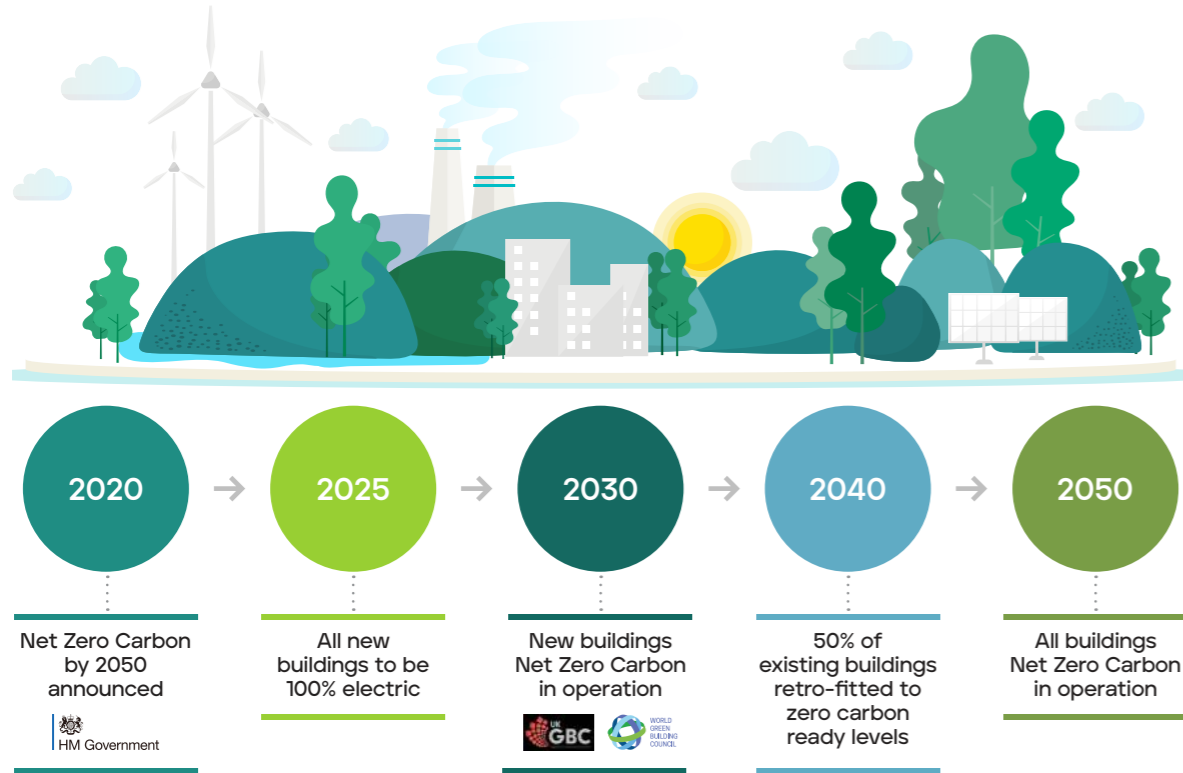
Shawton Energy Savings (£) Card - Varying System Sizes

System Size kWp	Current Price (kWh)	Energy Savings Per Annum (£)		
		Year 1 Savings	Saving Over 10 Years	Saving Over 25 Years
100kw	20 pence	£9,608.00	£151,000.00	£798,442.00
200kw	20 pence	£19,216.00	£302,636	£1,596,885.00
500kw	20 pence	£48,041.00	£756,592.00.00	£3,992,213.00
1000kw	20 pence	£96,083.00	£1,513,184.00	£7,984,427.00
100kw	40 pence	£28,824.00	£410,208.00	£1,924,446.00
200kw	40 pence	£57,694.00	£820,416.00	£3,848,893.00
500kw	40 pence	£144,124.00	£2,051,041.00	£9,622,232.00
1000kw	40 pence	£288,249.00	£4,102,082.00	£19,244,465.00

*We believe we have been conservative with our estimations, and that average rate of inflation will be 3% with a significant electricity increase over the next 10 years of closer to 8%

Note - the above figures are baseline only, with many variables such as building location, orientation, current energy usage and current energy prices

ACHIEVING GOVERNMENT TARGETS



In May 2019, the Committee on Climate Change recommended that the UK should aim to be Net Zero on all greenhouse gases by 2050.

Businesses must commit to change and become part of the solution, and utilising renewable energy is one of the most innovative ways to do this.

The built environment contributes around 40% of the UK's total carbon footprint. With around 80% of 2050's buildings already built, de-carbonising our existing buildings needs to be a strong focus.

Heating alone results in 10% of the nation's carbon footprint, so improving efficiency and mitigating direct emissions from fossil fuels is a priority.

The best people will want to work for sustainably focused businesses. To attract the brightest future workforce, employers must demonstrate that they care about our environment.

BENEFITS OF DECARBONISING YOUR BUSINESS WITH SOLAR PV



- ✓ Compliance with government targets and legislation
- ✓ Savings of up to 30% on electricity bills
- ✓ Long-term efficiencies
- ✓ Deliver on corporate and sustainability objectives
- ✓ Satisfaction of making an ethical contribution
- ✓ Increased brand engagement and loyalty
- ✓ Positive differentiation from competitors
- ✓ Increase your energy security - less reliance on the grid
- ✓ Improved bottom line and increased profitability

Determining your route to carbon Net Zero may seem insurmountable, as it will be entirely unique to your business. Our approach simplifies the process into four stages. However large your carbon footprint, we will be with you every step of the way. We'll find, implement and continuously improve a bespoke combination of innovative, practical and cost-effective technologies.

We deliver the entire project life cycle – from feasibility, all the way through to operations and maintenance.

TAKING REAL ACTION TOWARDS A WORLD THAT RUNS ENTIRELY ON GREEN ENERGY

Shawton Energy is more than just an energy consultant. We are experienced engineers passionate about delivering a portfolio of practical, green renewables.

We develop, design, construct, operate and maintain high-performing green energy projects with a results-based approach, which retains focus on tangible benefits that are both visible and measurable.

A comprehensive blend of practical site experience, technical knowledge, engineering and design management, expertise and project leadership wisdom drives our solutions.

We deliver the entire project life cycle – from feasibility, all the way through to operations and maintenance. As a systems integrator, we specialise in bringing renewable subsystems together, ensuring they function as an optimal whole.



FUNDING OPTIONS FOR FUTURE ENERGY SAVINGS

We provide a range of funding structures for commercial renewable energy projects. This key part of the commercialisation process can involve different forms of funding, ranging from clients wishing to mitigate risk via a joint venture or a combination of both.

Third-party ownership:

- Power Purchase Agreement (PPA)
- Virtual Power Purchase Agreement (VPPA)
- Corporate Power Purchase Agreement (CPPA)

Benefits of a PPA:

- Reduced energy rates at no cost to your business
- Financial savings from day one on your energy bills
- Protection against future energy bill price rises

By only paying for the electricity your system produces every month, it will give a significant benefit to a commercial operation as electricity is being purchased at a cheaper rate than from the grid

- Your Solar PV system will typically give electricity bill savings of 30%
- Shawton Energy will design and install the equipment with zero upfront cost to you
- The PPA contract can be transferred if the building is sold. This potentially gives an increase in property value and saleability

For organisations who want to retain full control, we can offer:

- Lease purchase
- Asset finance
- Business loan

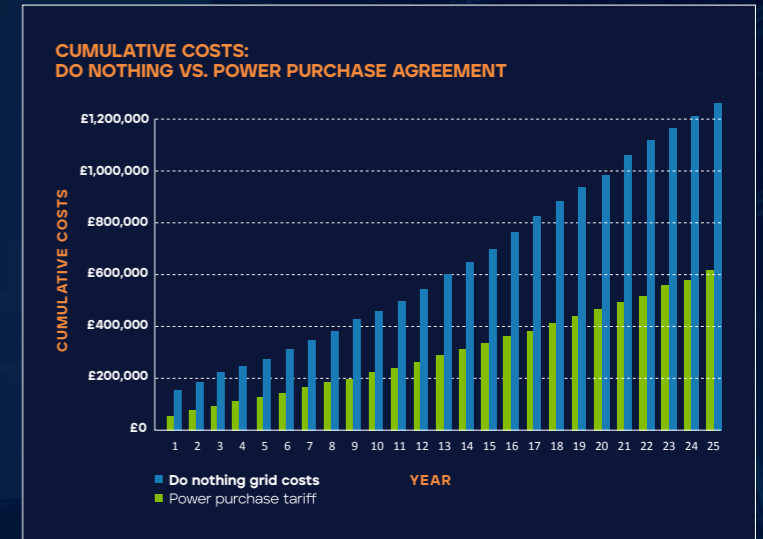
In many cases, asset finance payments will be less than savings on your energy bills meaning your business is cash positive from day one.

Grants and incentives:

- The Public Sector Decarbonisation Scheme (PSDS)
- Smart export
- VAT reduction
- Renewable Heat Incentive
- Department for Business Energy and Industrial Strategy's public sector decarbonisation scheme
- Green Heat Network Fund (GHNF) Transition Scheme

Client funded:

- CapEx
- AIA offset benefits



*This data is taken from the previous 15 years and using the relevant findings from the Office for National Statistics.

START-TO-FINISH LONG-TERM SOLUTIONS

Shawton Energy is here to understand your needs, share what we know and partner with you throughout. What may seem like an overwhelming challenge can be broken down into strategic and manageable pathways for transformation that start with goal setting and developing a step-by-step decarbonisation roadmap.

We streamline the process from beginning to end, coordinating all the necessary people, permissions and processes to ensure no disruption to your business. Long-term, our monitoring and maintenance systems will empower you with decision-making information to keep your operations at optimal energy performance.

A COMPLEX JOURNEY IN SIMPLE STEPS

Listening and Understanding

Meetings and interviews between our strategic team and your key stakeholders provide a thorough qualitative picture of issues facing your business

Data: Establishing The Base Line

Measuring and quantitative data collection, facilitating the analysis that will form the basis of your bespoke energy solutions plan

Solution Implementation

Buying and implementing appropriate renewable technologies and optimising your building systems to drive efficiencies

Continued Partnership

An ongoing supportive relationship to monitor and continuously improve energy performance, extending towards Scope 3 (indirect) emissions

**Ready to futureproof your business, reduce energy bills and demonstrate your commitment to the environment?
Contact our team today**



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