CASE STUDY

PRUDHOE COMMUNITY HIGH SCHOOL

EDUCATION | SOLAR

SUMMARY

+ £2 million
Lifetime savings

666 PV Modules
Tier 1 photovoltaic solar panels

268.79 MWh
Total annual solar energy generated

53% Solar
Over half of the sites annual consumption is now clean, self-generated solar energy

16 Day Install
The entire project was completed in the 16 working days between 20th Jul - 10th Aug

> *"We would not hesitate to recommend Energys in the future"*
>
> *- **Mark Tait**, CFO*



The Project

In partnership with **Cube Solar Installations**, we delivered a Solar PV system at Prudhoe Community High School in Northumberland, which is a member of the Cheviot Learning Trust. The project is designed to deliver **over £2 million in lifetime energy savings**, while helping reduce energy consumption and operating costs for the school and supporting the Trust's wider journey towards net zero.

CASE STUDY

PRUDHOE

The Challenge

Delivering a large-scale Solar PV project at an operational school requires careful planning and coordination at the best of times. This was particularly important at Prudhoe Community High School, which had experienced significant structural roof issues the previous year, resulting in the school being closed for seven months while remedial works were completed. With further rain forecast during the narrow installation window between the end of exams and the start of the new school year, avoiding delays and minimising disruption to the school were key priorities.

Our Solution

Energys designed and delivered a 666-panel SolarEdge system focused on self-consumption, maximising the use of solar-generated energy against the school's daily demand. This approach helped optimise the system size, reducing project costs and minimising wasted solar energy. Cheivot chose to fund the project through an operational lease, removing the need for upfront CapEx investment while still delivering a payback period of under five years.

To ensure the project was completed ahead of the forecast bad weather, additional installation team members were deployed, enabling the full installation to be delivered in just 16 working days.

Why Energys

With extensive experience delivering projects across the education sector, Energys brought both technical expertise and an established relationship with Cheviot Learning Trust. Having previously delivered Solar PV and lighting projects across 10 other schools within the Trust, Energys was well placed to understand its requirements and provide a coordinated, responsive approach to delivery. This combination of sector experience, Solar PV expertise and flexible project management enabled Energys to deliver the project efficiently within a demanding timeframe, while maintaining a high standard of quality throughout.



PROJECTED IMPACT

Annual energy saving
124,200 kWh

Annual Carbon reduction
55.64 tCO_2e

Payback period
4.97 years

"Energys undertook a solar panel installation programme over 11 schools. Their work has been professional and diligent at all times. On occasion, the Team has gone over and above their duties to accommodate and assist our schools; their communication has been particularly effective. The project was good value for money and has yielded considerable savings on completion. We are very happy with the service received and we would not hesitate to recommend Energys in the future"

- Mark Tait, *CFO*
Cheviot Learning Trust

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