

CASE STUDY BISHOP RAWSTORNE CHURCH OF ENGLAND ACADEMY



KEY FACTS



Installation
time:
Two weeks



Carbon saved
annually:
7460 kg



Array
output:
98.28 kWp



Capital
expenditure:
£103,194

As the UK's education sector continues to face rising energy bills, Shawton Energy is playing its part in helping those within it to navigate their way around the cost of inflation.

Located in the village of Croston in Lancashire, Bishop Rawstone Church of England Academy approached us to install a Solar PV system as part of major refurbishment works that were being undertaken on the 12-year-old coeducational secondary school.

THE PROCESS

In a bid to reduce the academy's carbon footprint, we worked closely with Eric Wright Construction and our trusted development partners Green Shield Group throughout the two-week installation.

We installed a complete Solar PV system using SolarEdge inverters, Longi 400w panels and Van Der Valk flat roof mounting systems while the school was closed for the October half-term break. This meant there was no disruption to pupils or teachers, and learning could continue after the holidays once the school had begun generating its own electricity.


THE RESULT

The installed system now provides over 30% of the energy they previously purchased from the grid and has also reduced their annual carbon footprint by over 46 tons.

"It is fantastic that we can now generate our own electricity and that the process went so smoothly from start to finish. Our pupils are learning about the importance of creating a sustainable future and it's great to see just how much we have reduced our carbon footprint already".



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