

Churchill Academy

North Somerset, South West UK

Technology: Solar PV

System size: 195kWp

Annual Output: 199,253kWh

Annual CO2 savings: 89,465kg

With high energy costs and a number of expansive roof spaces, Churchill Academy was an ideal match for solar PV, however, the school was not in a position to fund an installation themselves.

The academy therefore opted to partner with Low Carbon Gordano, a co-operative in North Somerset who help local communities to reduce their energy costs and become more sustainable.

By opting for a community funded system, the school is able to buy their electricity from LCG at a discounted rate, reducing their energy bills and improving their carbon footprint with zero capital outlay.

The 565-panel system is fitted across four school buildings and is estimated to generate 199,253kWh per year, the equivalent to an 89,465kg saving in carbon emissions.

The smart energy system offers an opportunity to educate and inspire the next generation about sustainability and renewable energy technology.



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