

St Michael's CE Primary School

Solar Panel Installation



With a large building full of technology to run, St Michael's CE Primary School began looking for alternatives to traditional power.

The school's leadership team knew solar power wouldn't just be a good decision for the school's budget; it would also send out a positive and inspirational message to pupils about renewable energy.



Education



Lancashire



30 KW Solar
Panel System

The school had a large roof to take advantage of, so they knew that fitting solar panels would be relatively easy. With the decision made, the school got in touch with some of the best renewable energy companies and invited them tender.

Once Low Carbon Energy's expert team had met with stakeholders at the school and defined needs, objectives and budget, they designed a final solar panel installation proposal. After submitting the proposal and attending a rigorous interview, Low Carbon Energy were asked to complete the work and fit a 30 KW solar panel electricity system to the school's roof.

Throughout the process, Low Carbon Energy worked closely with the school to minimise disruption. The team even gave the school children a lesson in renewable energy at one of their morning assemblies!

The results were not only reduced energy bills and CO2 emissions. Pupils were also able to learn about renewable energy and engage with the Low Carbon Energy team, discovering what solar power really has to offer. In addition, solar PV will now be generating a steady income stream for the school.

Michael Harrison, Chair of Building Committee, Grimsargh St. Michael's CE Primary School says:

"Low Carbon Energy were recommended to us when we were first considering solar panels. They provided us with some initial calculations for a realistic size of installation



for the school and told us what energy might be produced. This assisted us in making our decision to proceed with the Solar Panel Installation and we were pleased when they were subsequently successful in winning the competitive tender to undertake the installation.

“We were very happy with the service that they provided – from our initial enquiry through to completion of the works. The performance of our solar PV system has been very impressive and we are pleased at how unobtrusive the panels look..”

Ged Ennis, Director, Low Carbon Energy adds:

“We won the contract with St Michael’s School following a rigorous tender and interview process. The project went really well and the most difficult part was hosting the school assembly to discuss the reasons and benefits of the system to the school. It’s very nerve wracking standing up in front of a 100 + well-educated children waiting to grill you!”

Low Carbon Energy have been involved with a number of Solar Panel installations in schools, colleges and other educational premises.

Details

System Size	30 KW
Annual Output	24,000 kWh
Annual FIT Income	£6,500
Annual CO2 Savings	14 tonnes of CO2