

4.4 kWp Solar Electric Array Eastchurch Primary School, Kent



The grid connected solar array systems was installed by Ardenham Energy Ltd at the Eastchurch Primary School on the Isle of Sheppey in Kent. The array supplemented a 3 kWp already in situ at the school.

The project was developed by CEN and funded by a combination of an Ashden Award, CSEP Lottery, and EdF funding. A solar thermal system was also installed.



The arrays are almost silent in operation and will generate around 20000 kWh of greenhouse gas free electricity each year.

The installation comprises:

- 26 Sharp 170Wp polycrystalline Modules
- 2 no Fronius Inverters
- Pulsed kWh Meters
- DC and AC switchgear
- Visual Display



Ardenham Energy Ltd is an engineering contractor certified under the UKMCS Low Carbon Buildings Scheme for grant aided projects (www.lowcarbonbuildings.org.uk). The company has extensive renewable energy engineering project experience and can provide a full service for wind systems, solar PV (electric), solar hot water systems, ground and air source heat pumps and backup power systems. These can be for domestic, governmental and commercial and non commercial buildings in the Home Counties and London region.

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