



The grid connected roof mounted PV as been installed and commissioned by Ardenham Energy Ltd in 2 days on the recently refurbished roof of the school. The project was part funded by the Low Carbon Buildings Programme. Ardenham Energy as part of the British Gas

Consortium undertook the installation in March 2009.

The 4.1 kWp array is almost silent in operation and will generate around 3800kWh of greenhouse gas free electricity each year. A display outlines real time energy generation, kWh and cumulative CO₂ savings.

The installation took 3 days to complete and comprises:-

- 24 no Sharp 170Wp crystalline Modules
- 2 no Fronius IG20 Inverters
- Pulsed kWh Meters
- DC and AC switchgear
- Visual Display
- Non penetrative flat roof mounting system

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



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