

5.44 kWp Solar electric Array

Sheepdrove Organic Farm, Lambourn, Berkshire.



In October 2008 Ardenham Energy installed and commissioned a 5.44 kWp PV array for Mr. Peter Kindersley at the Sheepdrove Organic Farm in Lambourn, Berkshire.

The solar electric system was completed in 5 days and was installed on a very steep facing slate roof.

The electricity generated comes from 32 Sharp 170 Wp solar modules and is synchronised with the grid supply via 2 SMA Sunny Boy SB2500 inverters. It will be used to supply clean energy to the property, as well as exporting unused energy to the grid for use elsewhere.

The array is almost silent in operation and will generate around 4800 kWh of greenhouse gas free electricity each year.

The installation comprises:

- 32 no Sharp 170 Poly-crystalline Modules
- 2 no Sunny Boy SB 2500 Inverters
- kWh Meter
- DC and AC switchgear

Working with

**SHARP
SOLAR**



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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