

24 kWp Solar Electric Arrays New Build Commercial Units, Derbyshire



The grid connected solar array systems were installed by Ardenham Energy Ltd on a new build factory/warehouse development as part of local authority planning requirements in Derbyshire.

The 9 arrays are a combination of a 7 no 2.5 kWp and 2 no 3 kWp arrays installed on 9 warehouses.

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

The installation comprises:

- 141 Sharp 170Wp polycrystalline Modules
- 9 no Fronius Inverters
- Pulsed kWh Meters
- 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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