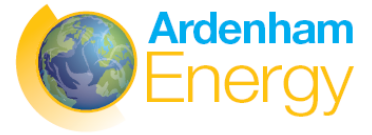


# 14.5 kWp PV Array Denbigh Hall Estate Derbyshire



## Description

The 14.5kWp grid connected system has been installed at the Denbigh Industrial Estate on a distribution centre by Ardenham Energy Ltd.

The electricity generated is synchronised with the grid supply via an inverter and will be used to supply clean energy to the site. The energy can also be sold to the grid for use elsewhere when there is more energy produced than is needed in the site offices.

The 14.5 kWp PV array will generate around 12000 units (kWh) of greenhouse gas free electricity each year, along with 12 Renewable Obligation Certificates.

The installation comprises:

- 90 no 162Wp Sharp Polycrystalline Modules
- 3 no IG60 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](http://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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