

9.4 kWp Solar Electric Arrays New build development, Notting Hill



The grid connected flat roof mounted PV has been installed and commissioned by Ardenham Energy Ltd. It is on the roof of 3 new innovative build low carbon properties in Portland Road, West London. The project comprises 2 no 3.6 kw arrays and 1 no 2.1 kw array.

The arrays are almost silent in operation and will generate around 8000 kWh of greenhouse gas free electricity each year. Ground source heat pump technology and other low carbon measures are also in place on the site.

The installation comprises:

- 52 no Sharp 180Wp monocrystalline Modules
- 3 no Mastervolt inverters
- Pulsed kWh Meters
- DC and AC switchgear
- Innovative flat roof mounting system



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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