



Eden Local Agenda 21 Cumbria Green Build Fortnight 2007

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Sundog Energy

Andy Mason of Sundog Energy gave a presentation at the offices of Cumbria Rural Enterprise Agency (see separate insert for CREA). Sundog designed and installed the 10kWp photovoltaic array which supplies the CREA offices with solar electricity.



Andy explained the basic workings of the solar photovoltaic system. He also gave an introduction to small wind turbines used in electricity production, and talked about solar thermal panels (designed to provide hot water).

Sundog Energy is one of the UK's leading designers and installers of solar photovoltaic (PV) systems and small scale wind turbines. The company undertakes individual domestic projects, but also designs and installs systems for organisations such as schools, community halls, councils, housing associations, and house builders. Sundog Energy works closely with several major manufacturers and is an accredited installation partner for, among others, Sharp, BP Solar, Lafarge Roofing and Proven wind turbines.

Sundog has installed domestic solar PV systems and small wind turbines in many parts of Cumbria and throughout the UK. Larger local projects include systems on schools in Keswick and Cockermouth, the Co-op building in Penrith, and community hall projects at Crosby (Maryport) and Greyrigg (near Kendal). Further afield projects have included a large PV system at the London Transport Museum in Covent Garden, several multi-property installations for housing associations throughout the country, and the erection of five wind turbines of varying sizes on the seafront at Blackpool.

Currently government grants are available for public and charitable sector projects: up to 50% for solar PV installations and 30% for wind turbines (available until at least 2009). Smaller grants of up to £2,500 are also still available for domestic systems. Sundog can provide direct access to these grants, provide assistance with grant applications and also offer help identifying other sources of funding for schools and community projects.

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