

Case Study

Project

Lightsource Renewable Energy Limited develops Photovoltaic sites within the UK

Sites include: Turves, Howbery, Wheal Jane (now on line), Benbole, Moor Solar 1, Moor Solar 2, Sandhill, Pembridge, Promens, Marston, Newark, Dunsfold, Bradford, Marley Thatch, Tavells and Strete. There is also a package of 28 1.5 MW site within the UK.

Client

Lightsource Renewable Energy Ltd

Budget

£50K

Overview

IDOM have been commissioned by Lightsource Renewable Energy Ltd in the capacity as specialist CDMC to advise and support the Client in discharge of his duties under the Construction: Design & Management Regulations. Lightsource plans to develop further photovoltaic sites throughout the UK up to 10MW in capacity in green field locations and also on existing building roofs.

The latter application requires assessment of existing structural building capacity in order to demonstrate that the additional solar panel loadings can be accommodated and also requires interfacing with the existing building operations and restrictions for access, storage, welfare, security, safety, fire, etc.

IDOM has presented a review of the Construction: Design & Management Regulations to the Lightsource project management team at their Old Bailey offices and liaised with each Project Manager in respect of their specific solar power projects.

For various sites IDOM has carried out competency assessments of Designers and Contractors to be engaged by the Client, has compiled and issued Pre Construction information for each site and ensured that welfare is in place and that Construction Stage H&S Plans are being implemented when required. Many of the Principal Contractors/Designers appointed by the Client are based outside of the UK and it has required us to become involved in developing H&S management information to suit the UK requirements in order to confirm competency.

IDOM also developed the Health and Safety Management system for Lightsource to cover all their operations including site works and operations.

Services provided

IDOM acted as specialist CDMC advisor and H&S advisors.

