

Sunny up North Solar Photovoltaic (PV) installation, Elsham North Lincolnshire

At Village Farm, Elsham North Lincolnshire 38kWp of PV was installed on 3rd August 2011, the first farm scale (under 50kWp) ground mounted PV system in North Lincolnshire. Elsham very nearly lies on the same line of latitude as Hamburg, North Germany.

The installation was carried out by Beba Energy UK, who completed the work professionally, to a very high standard. Planning permission was gained by Brown & Co which although the installation is double mounted modules standing up to 2.5m off the ground is not visible to any sensitive receptors and planning permission was gained with no problems.

The aim of the project is to provide electricity the power the farms cold store which stores potatoes from October right through to June. One of the aspects of PV which appealed to the client is the predictability of power generation was well as the minimal maintenance and ease of planning permission. Matching electricity production during daylight hours to the demands of the cold store will help maximise on site usage improving the payback of the project.

The installation included a monitoring SMA sunny box which via sunny portal webpage allows the client to monitor production and be alerted of faults where ever they are in the world, 24 hours a day. Production for the month of September exceeded all expectations and predictions proving how a few good sunny days can improve the systems performance and returns.

For more information please contact:

Rob Meadley
Associate – Renewable Energy Consultant
Email: robert.meadley@brown-co.com
Telephone: 01652 654833

Notes to editors

Brown & Co is a firm of independent rural property, land and business specialists operating from ten offices in the East of England, London, Poland, Argentina and St Lucia.

Specialist services include:

- Land Agency
- Residential Agency and Lettings
- Commercial Property
- Agricultural Business Consultancy
- Estate Management
- Planning and Development
- Building Services and Surveys
- Auctions
- Overseas Consultancy Services
- Dispute resolution.