

Commercial Off Grid Solution in Somerset, UK



Energy Solutions were called in to set up a commercial off grid development in Somerset. The client had already decided that solar was the best option for the site but needed a specialist team to design and install a comprehensive off grid power system that would be able to store the power generated and offer sophisticated control and monitoring.



a large off grid system that consisted of a 6080Ah battery bank and 9 x Quattro 48/10000/140.

Although the site was remote and the installation was required quickly, Energy Solutions rose to the challenge.

The remote site was installed with a 57kw solar array which was ample to supply power to the business at all times, including nights and times with no sun. The off grid system was designed to store the excess power for these periods.

Working closely with the client's existing solar supplier, Energy Solutions, designed



This was a challenging project with the entire design, manufacture and installation completed to a short deadline.

David Piper, Energy Solutions

Solution

- 9x Quattro 48/10000/140
- 6080Ah Batteries at 48V
- 57Kwp Solar Panel array
- 9x Solar Inverters
- BMV600 Battery Monitor
- Custom steel fabricated rack

