

Case Study

Shuttleworth Solar Farm

33kV Ltd

33kV Ltd was established in September 2013 offering High Voltage Electrical and High-Pressure Pipeline Consultancy and Construction services. The company has continually developed its service offering to support the fast-growing UK Distributed Generation market via Traditional Gas fired and Renewable Generation.

The company now offers a full range of ICP, UIP, EPC and O&M services across the UK.

Project Details:

- **Client—Wirsol Energy Ltd**
- **Type—Solar Generating 5MW**
- **Contract—ICP Full Works**
- **DNO—Electricity North West (ENW) Ltd**
- **Voltage—33,000V**
- **Connection - Loop in Loop**



Wirsol Energy Limited are a leading international renewable energy company.

33kV have been supporting their operations within the UK since 2014

Shuttleworth Solar farm was a fast build project that suffered local DNO Network connections and party easement issues .

It was feared that the site would not make the ROC guillotine date of 31st March.

Fearing that the site would not make the deadline Wirsol asked 33kV Ltd to intervene and take control of the programme of works.

33kV Ltd gained technical acceptance by ENW to convert to a containerised sub station solution and produced the sub station with all ancillary plant and equipment and delivered it to site with time to complete a full testing and commissioning witnessed by ENW. Easement issues were resolved by pro-active engagement with the 3rd party land owners and ENW legal team. All civil, earthing and cable works were completed and the site met DNO acceptance criteria.

Intervention by 33kV accelerated the connection process and successfully leading to a successful connection and energisation of the site before the 31st March 2017 deadline.



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