

11kV Connection to Wroxton Solar park 1.5 MW

Customer: Lark Energy

LarkEnergy

WESTERN POWER
DISTRIBUTION
Serving the South West and Wales

DNO: Western Power Distribution

Location: Wroxton, Oxfordshire, UK

The standard HV solar connection included supply and installation of a WPD RMU unit. However GEW2 scope was extended to cover G59 and WPD substations plinths.

The cable route was an extensive 1,300 meters to an OHL connection through flooded fields.

GEW2 assisted customer with a number of additional site options including earthing, metering and LV installations.

The PV park has been connected on time and generation tariff was successfully secured.

This project also included supply and installation of the new WPD Lovink Joint.

GEW²



Scope:

- 11kV design to WPD specification
- Supply, delivery and installation of 11kV Switchgear equipment
- Design and construction of the plinths for WPD and G59 substations
- Supply and installation of 11kv cable from the substation to WPD connection point
- Internal and external earthing within WPD and G59 substation
- Cable terminations and cable testing
- DNO liaison and connection coordination
- Project management
- Health and Safety intervention

WPD Substation



WPD terminations



Lovink Joint



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