

11kV Connection to Evesham Solar park 3.5 MW

Customer: Ralos Energy DE



DNO: Western Power Distribution



Location: Evesham, Shrewsbury, UK

The standard HV solar connection included the supply and installation of a WPD RMU unit. However GEW2 scope was extended to supply and install a package G59 solution.

The containerized solution would be delivered to site in a preassembled GRP enclosure mounted on a steel base. The G59 Schneider unit would have been installed, pre-tested and pre-wired at the factory cutting the on-site installation and testing times.

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 and G59 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

Package Substation



G59 Switchgear



Lovink Joint



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