

7MW export supply to a new PV site at Manor Farm

Customer: IDDEA  IDDEA renewable energy systems

DNO: SSE 

Location: Manor Farm, Wadswick, Corsham, SN13 8JB.

The Manor farm project was to supply and install an SSE substation to allow for 7MW export supply. The civils team hired by GEW2 did an impeccable job working in rough conditions at the solar park and installing a 900m cable route.

GEW2 faced challenges of finding rock and asbestos debris throughout the cable route excavations. All the issues were addressed in timely manner and work was completed according to GEW2 Health and Safety Policy without any incidents. After the ground remediation works took place, GEW2 were back on site and managed to complete the cable run and installation in a timely manner.



11kV SSE Substation

Scope:

- Supply and installation of an 11kV SSE substation including RMU, G59 and battery charger
- Design and construction of a GRP plinth
- Supply and installation of the GRP housing
- HV Jointing
- Termination of the 11kV cable onto the RMU
- Supply and installation of a metering cubicle
- Section 50 application to allow for excavation in the public highway
- Supply and installation of a 900m cable route
- Remedial works to excavate and remove all asbestos found along the route
- PV site access design and coordination
- Protection and intertripping schemes

SSE Substation Plinth



Ground Remedial works for Asbestos removal

