

HOCKLIFFE SUBSTATION 33kV

GEW2 undertook the design, supply installation and commissioning of a 33kV UKPN metering substation along with the installation and testing of the 33kV cabling to the “point of connection” as per the agreed proposals and design. The substation is connected to a Solar PV Generation facility at Grounds Farm.

SCOPE

- Supply and install of a UKPN approved 33kV Non SF6 switch-board comprising two 33kV ABB Non SF6 circuit breakers.
- Supply and install of 110V & 48V battery chargers.
- Installation, testing and commissioning of the 33kV cabling.
- Supply and Install 1 x 100A 3 Phase LV Cut Out within the Bradgate container.
- Supply and install 400m of LV CABLE 3 CORE WF CNE 1X3X300MM from the UKPN 11kV OHL POC.
- Installation of ducts for incoming and outgoing cabling to the 33kV substation.
- Laying of concrete base and installation of steel work



PROJECT DETAILS

CUSTOMER: [Greencells](#)

DNO: [UK Power Networks](#)

LOCATION: [Grounds Farm, Grange Lane, Hockliffe, Leighton Buzzard, LU7 9NL](#)

CHALLENGES

GEW2 faced challenges when the local council decided that all work must be put to a stop, when they discovered that the access road to the substation had three areas of archaeological interest. GEW2 worked hard as a team and with the client to ensure work could carry on.



Landing of containerised 33kV Substation



Construction of unmade access road to substation