

# 33Kv Connection to 7.5 MW Capelands PV Park

Customer: JUWI Renewables



DNO: Western Power Distribution



Location: Bratton Flemming, Devon, UK

The connection to the Capelands PV Park required coordination with English Heritage to ensure no damage was caused to the ancient wall hidden in the hedge.

There was coordination required with the local Water Authority due to the presence of a high pressure main at the site entrance. GEW2 Civil Crews and Project Managers coordinated the works around the identified high risk assets and completed the connection on time.

GEW2 has provided significant assistance to the customer in negotiations with the 3rd party landowner and for provision of the Wayleaves to secure the LV supply.

GEW<sup>2</sup>



WPD/JUWI Combined Substation

## Scope:

- Supply and installation of a containerized 33kV combined WPD/Customer substation
- Supply and installation of WPD HV cable
- Supply and installation of 2 – panel WPD 33kV Schneider switchgear
- Supply and installation of 2 panel customer switchgear
- Supply and installation of 2 x 110 VDC battery chargers
- Design coordination with the customer appointed civil sub-contractor
- Excavation and reinstatement of the WPD HV cable route
- Design supply and installation of a separate LV supply into WPD substation from a pole mount transformer
- Testing and commissioning

## WPD 200/5 Metering CTs



## JUWI HV Cable



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