



Correll
GROUP

Electrical
Engineering

CASE STUDY

Dogger Bank Offshore Wind Farm: Training of HV technicians in the use of Tyco Electrical 66kV Components

PROJECT OVERVIEW

Correll Group were approached by ORE Catapult/ GE to complete in-line jointing and T-connections associated with the GE Haliade-X 12 MW Wind Turbine Generators (WTG's) for the Dogger Bank Offshore Wind Farm.

SCOPE OF WORKS

Correll Group was the first company to train High Voltage (HV) technicians in the use of Tyco Electrical 66kV components.

As a consequence of this milestone achievement, Correll was approached by ORE Catapult and GE to complete in-line jointing and T-connections associated with the GE Haliade-X 12MW WTG's, which was at that time undergoing trials at the Catapult facility in Blythe.

The GE Haliade-X 12MW WTG's - one of the world's most powerful offshore wind turbines are being utilised at the Dogger Bank Offshore Wind Farm.

One blade rotation can power a UK household for two days, and each WTG can provide enough green energy to power 16,000 British households while saving the equivalent of 9,000 vehicle emissions each year.

ABOUT DOGGER BANK

Located 125 to 290km off the east coast of Yorkshire, England in the North Sea, Dogger Bank Offshore Wind Farm is being constructed in three 1.2GW phases, with each phase having up to 200 WTG's.



Client: Global Marine

Location: Northern North Sea

Year: 2020

Scheduled for completion in 2026, Dogger Bank will become the world's largest offshore wind farm, and the UK's largest single source of renewable energy.

The wind farm will be capable of powering up to 6 million households in the UK, helping drive the country's transition to Net Zero carbon emissions.

Sam Dowey, Managing Director said: ***"I am extremely proud that the group were selected to work on such a unique and interesting installation scope of works. At the time of this contract award, Correll were the only HV company trained and certified on the Tyco Electrical 66kV components"***.

www.correllservices.com

FURTHER INFORMATION

correllservices.com/projects or contact: enquiries@correllservices.com