



Correll
GROUP

**Cable Installation
& Power Services**

CASE STUDY

Courceulles-sur-Mer Offshore Wind Farm Export Cable Pull-in, Termination and Testing

PROJECT OVERVIEW

The Correll Group was awarded a contract from Prysmian Group to provide support for the pull-in and installation of two 225 kV HVAC export cables (each about 17.5 km in length), to the offshore substation platform for the Courceulles-sur-Mer offshore wind farm.

SCOPE OF WORKS

- Pre-project meetings
- Creations of RAMS
- Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry)

On the offshore assets:

- Cable pull of 2 x export cables
- Stripping the export cables to expose the HV cores and FO cable
- Complete the permanent hang-off

- Route the HV and FO cable into GIS and Fibre Enclosure
- Cleat the HV cores from the hang-off to the GIS
- Terminate and splice the FO cable into the cabinet
- Terminate three power cores into the GIS
- Complete post installation testing from the onshore substation to the offshore assets (IR, TDR & OTDR)
- Deliver an Inspection and Test Plan for the installed and tested system, forming part of key payment milestone.

ABOUT COURSEULLES-SUR-MER

The 448 MW Calvados offshore wind project is comprised of 64 GE Haliade 150-6MW series wind turbines located more than 10km from the Bessin coastline and occupies a total surface area of approximately 45km².

Upon its commissioning, scheduled in 2024, Courceulles-sur-Mer offshore wind farm will generate the equivalent of the annual electricity consumption of 630,000 people, or over 90% of the Calvados French department's population.



Customer: Prysmian Group
Activity: Export Cable Pull-in
Year: 2023

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FURTHER INFORMATION

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