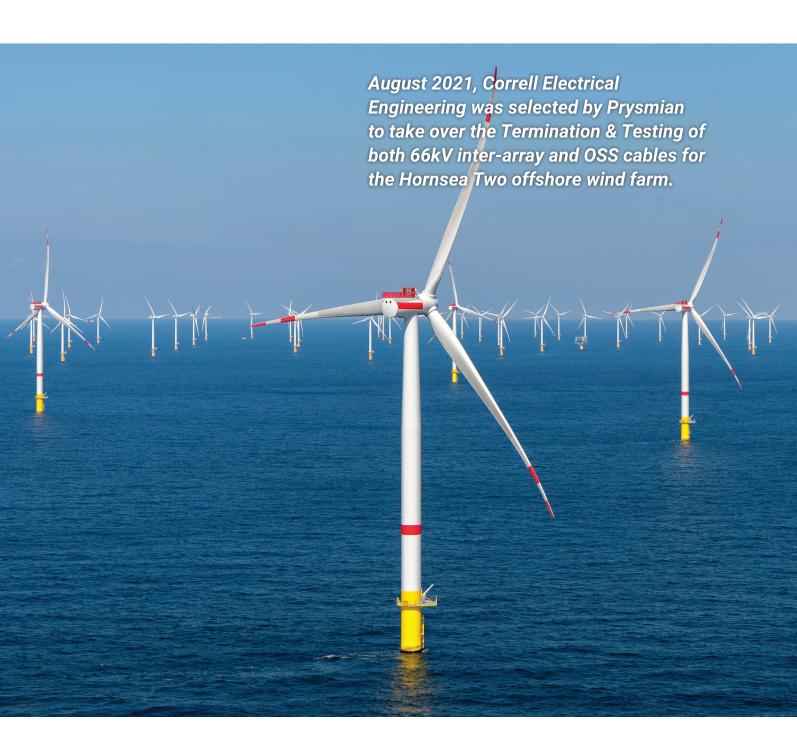


Correll Group secures contract with one of the world's largest offshore wind farms



Correll Electrical Engineering

Correll High Voltage (HV)
Management

Correll Cable Installation & Power Services

Correll Equipment Rental

Correll Training & Development



### ABOUT HORNSEA TWO

Located approximately 89km (55 ml) off the Yorkshire Coast in water depths of between 30m to 40m. Hornsea Two spans an area of 462 sq km (178 sq ml), and will be the world's largest wind farm when fully operational in 2022. The 1.4 GW offshore wind farm is expected to provide clean electricity to more than 1.3 million homes in the UK.

# PROJECT INFORMATION

The world's largest offshore wind farm will comprise 165 Siemens Gamesa 8.0-167 DD turbines. The turbines will operate at a nominal power of 8,000kW and will have a maximum rotor diameter of 167m. The blades will be 81.5m long and have a swept area of 21,900m<sup>2</sup>.

## SCOPE OF WORKS

Pre-project meetings

**Evaluate existing RAMS** 

Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry).

#### On the offshore assets:

Stripping the array cables to expose the HV cores and FO cable

Complete the permanent hang-off

Route the HV and FO cable into the TP/WTGS

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.

### **QUOTATION**

Sam Dowey, Managing Director said: "Correll Group are delighted that Prysmian Group approached our organisation to take over the Termination & Testing contract on Hornsea Two. The Hornsea Two project is being managed by our highly experience UK team based at our HQ in Skelton, North East England, and we look forward to successfully delivering on this and all future projects".

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