Correll GROUP

TURNKEY SOLUTION | **CASE STUDY**

Coastal Virginia Offshore Wind Farm
IAC Cable Pull-in, Termination and Testing

PROJECT OVERVIEW

Correll Group was awarded a contract by Subsea 7 US LLC (SOC) to support the cable pull-in and termination & testing on the Coastal Virginia offshore wind farm.

We were particularly pleased that SOC agreed to trial our unique concept of utilising an 'Integrated Cable-pull, T & T Team" for completion of the subsea cabling works within the OTG.

SCOPE OF WORKS

- Pre-project meetings
- Site visits
- Mock-up trials
- Creation of RAMS
- Project HIRA meetings
- Mobilisation of PPE, tools & test equipment via a 20ft container to the USA
- Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry).

On the offshore assets:

- Tower mobilisation and preparation
- Cable pull-in
- Installation of temporary hang-off
- Stripping the export cable to expose HV cores and fibre optical cable
- Stripping the array cables to expose HV cores and fibre optical 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 asset (VLF, IR, TDR & OTDR)
- Deliver an Inspection and Test Plan of the installed and tested system, forming part of key payment milestone.

FURTHER INFORMATION

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