Correll GROUP

Cable Installation & Power Services | CASE STUDY

Formosa 2 Offshore Wind Farm
Inter Array Cable (IAC) pull-in / replacement

PROJECT OVERVIEW

Jan De Nul approached Correll to support them with the cable pull/replacement on Formosa 2 Offshore Wind Farm.

Correll were responsible for the removal of the damaged Inter Array Cable (IAC) between 2 Wind Turbine Generators (WTGs), and the installation, termination and testing of the replacement IAC.

SCOPE OF WORKS

- Mobilising Technicians and Offshore Installation Manager
- Pre-project meetings
- Creations of RAMS
- Creation of quality documentation
- Project HIRA meetings.

On the offshore assets:

- Cutting of existing array cables ready for extraction
- Cable pull operation
- Stripping the export cables to expose the HV cores and FO cable
- Complete the permanent hang-off
- Route the HV and FO cable into OSS/WTG's
- Cleat the HV cores from the hang-off to the GIS
- Terminate and splice the FO cable into the cabinet
- Terminate power cores into the GIS.

Client: Jan De Nul

Location: Taiwan Straight, Taiwan

Year: 2023

ABOUT FORMOSA 2

Formosa 2 is situated in the Strait of Taiwan, which separates the island from mainland China, 3.8km off Taiwan's west coast, with the furthest point of the project 9.5km from the shore.

The wind farm will comprise 47 Siemens Gamesa 8 MW turbines on top of jacket foundations and will generate 378-MW; enough electricity to power 380,000 households each year, bringing Taiwan closer to achieving its target of 20% renewables generation by 2025.

Formosa 2 was built next to the 128-MW Formosa 1 OWF, Taiwan's first utility-scale offshorewind farm that was energised in 2019.

FURTHER INFORMATION

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