



Correll
GROUP

**Cable Installation
& Power Services**

CASE STUDY

Akita Noshiro Offshore Wind Farm (mock up) Cable Pull-in, Termination and Testing

PROJECT OVERVIEW

Correll Group was approached by Sumitomo / ReVeLie to support them with cable pull in, HV and FO services associated with the mock-up in Belgium for the Akita & Noshiro OWF that will be installed in Japan. The purpose of the mock-up was to identify interfaces at this stage to prevent major delays offshore.

The European experience was influential and provided a great insight to the Japanese at the beginning of the OWF construction.

SCOPE OF WORKS

- Reviewing associated cable pull and termination and testing documentation.
- Mobilising 4 Technicians
- Pre-project meetings
- Set up pre rig equipment for the cable pull in
- Preventative housekeeping measures
- Pulling the cable into the asset
- Stripping the demo subsea cable to expose the HV cores and fibre optical cable

- Complete the permanent hang off
- Route the HV and FO cable into the asset
- Install transit blocks around the HV core and FO cable
- 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 report and highlighting potential issues
- Attending a post mock up meeting
- Advise the client of any tools and equipment required for the offshore campaign.

ABOUT AKITA NOSHIRO

Japan's first commercial-scale offshore wind Farm, the 55 MW Akita wind farm comprises of 13, 4.2 MW turbines, while the 84 MW Noshiro wind farm comprises of 20 turbines.

Upon commissioning, the 140 MW Akita and Noshiro wind farms will generate enough clean energy to meet the needs of 48,950 and 75,308 homes a year respectively.



Customer: ReVeLie
Activity: Cable Pull / T&T
Year: 2020

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FURTHER INFORMATION

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