Correll GROUP

Electrical Engineering | CASE STUDY

Block Island Offshore Wind Farm
The first commercial offshore wind farm in the US

PROJECT OVERVIEW

Global Offshore awarded the contract for High Voltage and Fibre Optic services associated with the Block Island cable repair/replacement project in the USA.

This was the second contract for Correll in the USA associated with offshore wind farm cable repairs.

Correll were responsible for jointing & testing of the export cable between land and the Wind Turbine Generator,

Client: Global Offshore

Location: Block Island, Virginia USA

Year: 2020

SCOPE OF WORKS

- Mobilising 6 Technicians and 1 Offshore Installation Manager
- Pre-project meetings
- Site visits (jointing habitat)
- Creations of RAMS
- Creation of quality documentation
- Project HIRA meetings
- Load-out Testing
- Post Lay Testing (continuity, insulation resistance, Time Domain Reflectometry and Optical Time Domain Reflectometry).
- On the offshore CLV & assets:
  - Cutting of existing export cable
  - Stripping the export cables to expose the HV cores and FO cable
  - Complete the 33kV power CSL sub sea joint.
  - Deliver an Inspection and Test Plan for the installed and tested system, forming part of key payment milestone.

ABOUT BLOCK ISLAND

The first offshore wind farm in the United States, the 30MW, 5 Turbine, Block Island Wind Farm began commercial operations in December 2016, supplying reliable, renewable energy that will reduce the island electricity rates by an estimated 40 percent per annum.

Managing Director Sam Dowey said: *"Correll Group feel privileged to have been selected by Global Offshore to work on this very prestigious project.*

"Completing the cable works on the first major offshore wind farm in US waters is a fantastic achievement, and we and look forward to developing further business opportunities in the region".

FURTHER INFORMATION

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