



Electrical  
Engineering

CASE STUDY

# Revolution Wind Offshore Wind Farm: Termination and Testing of 66kV Inter-Array Cables

## PROJECT OVERVIEW

The Correll Group, Electrical Engineering Division is pleased to announce that it has been successful in securing a contract with Hellenic Cables for the termination and testing of the inter array cables on the Wind Turbine Generators and Offshore Substation for the Revolution Wind Offshore Wind Farm.



**Client:** Hellenic Cables  
**Location:** Rhode Island, USA  
**Year:** 2024

## SCOPE OF WORKS

- Preparation of project specific engineering documentation & procedures.
- Planning assistance & coordination of the works.
- Onshore Mock-up trials.
- Hand over tests at Employers Storage Location.
- IPC HV cable installation & cleating, HV terminations at GIS, Transformer and Auxiliary transformer including HV cable testing at 2 x OSS in an

international Onshore shipyard (Singapore)

- PCC Subsea cable terminations offshore at each WTG including installation of permanent hang-off, cable stripping and fixing, HV termination and testing, FO terminations and testing
- PCC Subsea cable terminations offshore at 2 x OSS including installation of permanent hang-off, cable stripping and fixing, HV termination and testing, FO terminations and testing
- Mechanical Completion Certificate and Associated Documentation.

## ABOUT REVOLUTION WIND

Revolution Wind is located approximately 15 miles south of the Rhode Island coast, 32 miles southeast of the Connecticut coast and 12 miles southwest of Martha's Vineyard.

Upon completion, Revolution Wind will power more than 350,000 homes across Rhode Island and Connecticut. Additionally, it is projected to offset approximately six million metric tons of greenhouse gas emissions annually.

**Sam Dowey, Managing Director at Correll, commented;** "Correll has extensive experience working on many of the most significant offshore wind farms in the UK, Europe, Taiwan and the USA.

*"The Revolution Wind project creates thousands of direct, indirect and induced jobs, in Connecticut and Rhode Island, and the entire team at Correll are extremely proud of our role in supporting the overall growth and development of the U.S. offshore wind sector".*

[www.correllservices.com](http://www.correllservices.com)

## FURTHER INFORMATION

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