OFFSHORE RENEWABLES

CASE STUDY

WEST OF DUDDON SANDS - Cable Pull-in

SCOPE

CWind provided cable pulling support to CT Offshore, enabling the diver-less installation of the array cables between the 108 turbines at Dong Energy's West of Duddon Sands offshore wind farm. CWind also provides the vessels required to undertake the work. Our teams arrived at the transition piece to be ready prior to the arrival of the installation vessel, preparing the rigging equipment for the hang-off, jointing and termination. Meanwhile, on the installation vessel a second team prepared the ROV and messenger cable, significantly reducing cost and delivery timelines for the project.

A TURNKEY SOLUTION

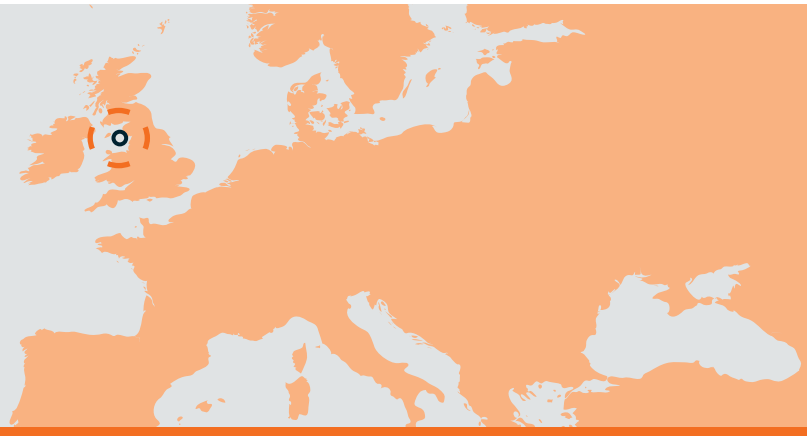
CWind provides a comprehensive package to customers. By providing both vessels and technicians in well-tuned teams, CWind can respond to the tight operating windows at West of Duddon Sands. The use of CWind's modular vessels enabled the team to carry all the equipment needed for the task as well as the technicians that will carry out the work. By reducing the number of vessels needed on site we are able to deliver cost as well as time-savings to our client.

SPECIALIST SKILLS

Despite the high tidal range of 9m at the site, CWind's highly experienced teams of technicians, experts in handling the ROV in the currents at the site, consistently connected both ends of the array cables to neighboring two towers in under five hours.

SAFETY FIRST

CWind's ROV-messenger wire method removed the need for divers at the site, significantly reducing risk levels as well as costs for the project. The speed of execution meant that the short time windows at West of Duddon Sands have a much reduced impact on the speed of construction of the wind farm.



Project: West Of Duddon Sands

Capacity: 389MW

Turbines: 108

Client: CT Offshore

Project Owner: Dong Energy (50%)
Scottish Power (50%)