

DOGGER BANK WIND FARMS

BY



Dogger Bank Wind Farms announces OHT as preferred supplier for foundation installation

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Dogger Bank Offshore Wind Farms is delighted to announce OHT as its preferred supplier for foundation installation at the pioneering offshore wind farm.

The offshore wind farm, a joint venture between SSE Renewables and Equinor, is one of the most innovative offshore wind developments in the world, utilising state-of-the-art technology to deliver the 3.6GW wind farm.

OHT's Alfa Lift, set to be the world's largest and most efficient custom-built offshore wind foundation vessel, will be responsible for the transport and installation of monopile foundations and transition pieces for Dogger Bank's Creyke Beck A (1.2GW) and Creyke Beck B (1.2GW) wind farms.

Utilising a single vessel, the foundations will be transported to the offshore site, approximately 130km off the north-east coast of England, and installed in water depths of up to 35 metres. With her unrivalled cargo capacity, the Alfa Lift heavy installation crane vessel will carry 10 monopiles and transition pieces on deck per voyage.

The monopile foundations will be the base for the most powerful turbine in the world, GE's Haliade-X. The machine, the world's first 12MW turbine, recently celebrated first power from its prototype in Rotterdam.

Paul Cooley, SSE Renewables Director of Capital Projects, said: "Dogger Bank Wind Farms is paving the way for future offshore wind developments, not just in the UK but globally, by utilising some of the most innovative and efficient technology on the market, like the Alfa Lift vessel, and we are very pleased to have OHT working with us as we deliver this ground-breaking project."

Steve Wilson, Project Director, Dogger Bank Wind Farms said: "The monopiles that will be installed at Dogger Bank will be amongst the largest ever used on an offshore wind farm and we needed a vessel that would allow us to deliver our project in the safest and most efficient way."

“OHT’s Alfa Lift’s capability offers us this solution and we look forward to working with them to deliver Dogger Bank Wind Farms.”

Halfdan Brustad, Vice President for Dogger Bank at Equinor, said: “We are pleased to have OHT as our contractor for monopile installation. By bringing new, innovative and efficient vessels into the market, like this Alfa Lift vessel, we are helping to revolutionise the offshore wind industry. We need new entrants that can think differently and make the industry even more competitive. We look forward to working with OHT to make Dogger Bank a success.”

Torgeir E. Ramstad, CEO OHT said: “We are humbled and honoured to be selected as the preferred supplier for this momentous project, bringing the world’s largest and most capable offshore wind installation vessel to the world’s largest wind farm, to support the world’s most powerful turbines. We very much look forward to working with SSE Renewables and Equinor in a cooperative and transparent way to ensure the safe and timely execution of these key projects.”

Transport and installation of the monopiles and transition pieces for Creyke Beck A and Creyke Beck B is expected to be performed between 2022 and 2024.

The Creyke Beck A and Creyke Beck B projects are now moving towards final investment decision, expected in 2020. SSE Renewables will lead the development and construction phases of Dogger Bank Wind Farms and Equinor will lead on operations once completed.

Dogger Bank will provide enough clean, low-carbon energy to power over 4.5 million homes annually, equivalent to around 5% of the UK’s estimated electricity generation.

Dogger Bank Winds Farms, and its Tier 1 contractors, are committed to maximising UK supply chain opportunities on the project. The announcement today coincides with the launch of OHT’s online supplier portal. Companies interested in working with OHT can register their services and their locations via the OHT website.

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About Dogger Bank Wind Farms:

- A 50:50 joint venture between Equinor and SSE Renewables
- Consent was granted in 2015.
- Located in the North Sea, approximately 130km from the Yorkshire Coast.
- Water depth ranges from 20m to 35m.
- Each project will have an installed capacity of 1.2GW and will be able to power 1.5 million homes. Together, the projects can cover approximately 5% of the UK’s estimated electricity generation.
- The first project is expected to be operational in 2023.
- The WTGs will be installed on monopile foundations. Preferred supplier will for foundation fabrication will be announced in 2020.
- The transmission system will be High Voltage Direct Current (HVDC) due to long distance to grid connection point.
- The Contract for Difference is a 15-year contract which will be indexed for inflation. The strike price will be paid for every MWh generated by the wind farms during the contract. After the CfD contract ends, the projects will receive the market price for electricity.

About SSE Renewables

SSE Renewables is a leading developer and operator of renewable energy across the UK and Ireland, with a portfolio of around 4GW of onshore wind, offshore wind and hydro. Part of the FTSE-listed SSE plc, its strategy is to drive the transition to a zero-carbon future through the world class development, construction and operation of renewable energy assets.

SSE Renewables owns nearly 2GW of onshore wind capacity with over 1GW under development. Its 1,450MW hydro portfolio includes 300MW of pumped storage and 750MW of flexible hydro. Its offshore wind portfolio consists of 580MW across three offshore sites, two of which it operates on behalf of its joint venture partners. SSE Renewables has the largest offshore wind development pipeline in the UK and Ireland at over 7GW.

About Equinor

Equinor is developing as a broad energy company, building a material position in renewable energy. Equinor now powers more than one million European homes with renewable offshore wind from four offshore wind farms in the United Kingdom and Germany. Equinor is building material offshore wind clusters in the UK, the US North East and in the Baltics. The company commissioned the world's first floating offshore wind farm in 2017 off the coast of Scotland and is positioned for future floating wind options in several geographies, including UK, Norway and Asia.

About OHT

OHT (Offshore Heavy Transport) is a heavy transport and installation contractor and experienced vessel owner/operator with integrated in-house operations, engineering, technical and commercial management.

OHT specialises in transporting oversized heavy cargoes for various markets including Oil & Gas, Offshore Wind and large infrastructure projects. The company has executed hundreds of successful projects on behalf of its customers and has transported jack-up rigs for the majority of rig-owners worldwide. The company currently owns and operates five open deck semi-submersible heavy transportation carriers: MV Hawk, Osprey, Albatross, Falcon and Eagle.

In 2021, OHT will launch their new build vessel Alfa Lift; their first vessel built specifically for the offshore wind market. The heavy lift crane installation vessel with semi-submersible heavy transportation capabilities will be the world's largest, custom-built vessel for offshore wind foundation installation and will optimise efficiency for the transport and installation of next generation foundations. Learn more at OHT website: www.oht.no