

DOGGER BANK WIND FARM

BY



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Getting the name right

Hidden from sight, under the vast North Sea between Europe and the East coast of Great Britain lies the remains of a Mesolithic community who lived around 12,000 years ago. The area was made up of hills, marshland, wooded valleys and swampy lagoons and was home to hunter-gathers.

The end of the last ice age brought flooding to the area, followed by a catastrophic release of water from a glacier, removing what was left of this land.

From this ancient area, Doggerland, today remains Dogger Bank, a large sandbank in a shallow area of the North Sea between 125km and 290km off the North East coast of England.

Following success in the UK Government's Contracts for Difference auction for low carbon power, SSE Renewables and Equinor are developing, the world's largest offshore wind farm at Dogger Bank.

Dogger Bank Wind Farm is being built in three phases. These are currently identified as Creyke Beck A, Creyke Beck B and Teesside A. To recognise their link to the historic Doggerland area, these will now be known as Dogger Bank A, Dogger Bank B and Dogger Bank C, respectively.

Onshore construction works for the project commenced at the start of the year and offshore construction will take place at each site consecutively between 2022 – 2026.

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 site will have an installed capacity of 1.2GW and will be able to power 1.5 million homes.
- 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, operator and owner 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 operational onshore wind capacity with over 1GW under development. Its 1,450MW hydro portfolio includes 300MW of pumped storage and 750MW of flexible hydro. Its operational 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 and has an onshore wind pipeline across both markets in excess of 1GW. SSE Renewables is also expanding into new geographies through incremental expansion of its renewables pipeline, in line with the company's strategy to leverage its capabilities and core competencies in pursuit of future growth.

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.