

RWE

Turbines installed at the Triton Knoll Offshore Wind Farm - not intended to represent the appearance, size or scale of Dogger Bank South Wind Farms.

Introducing Dogger Bank South Offshore Wind Farms

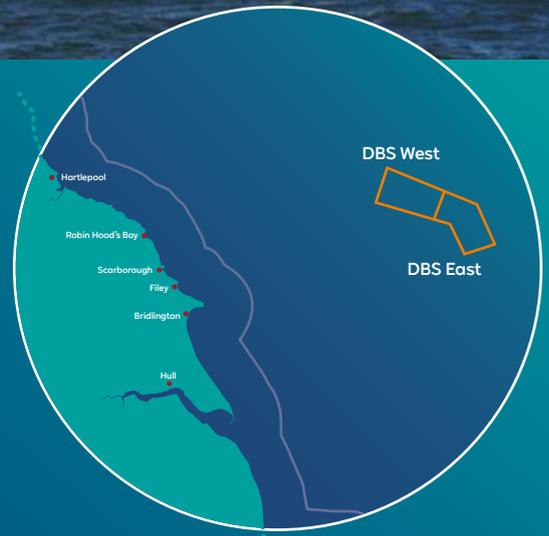
Overview

The Dogger Bank South (DBS) offshore wind farm projects are located more than 100 km off the northeast coast of England at the shallow offshore area of the North Sea known as Dogger Bank. DBS is made up of two separate sites, DBS East and DBS West.

Each project could have an installed capacity of up to 1.5 GW meaning that together, they could generate enough clean renewable energy to power up to 3.4 million typical UK households per year.

DBS East and DBS West are owned by RWE which is progressing the development phase of the projects.

The number of turbines for each site has not yet been determined, but the design allows for up to 300 wind turbines (a maximum of 150 for each project). The final number will be dependent on the size of turbines eventually installed. It is possible that more than one wind turbine model could be used across the two sites.



The Story So Far

RWE was awarded the status of 'preferred bidder' for the two adjacent sites which make up DBS in The Crown Estate's Offshore Wind Leasing Round 4 tender process in February 2021. Following the conclusion of the Habitats Regulations Assessment process in July 2022, The Crown Estate announced its intention to enter into Agreements for Lease with RWE, giving seabed development rights for the sites.

Although the projects are at a very early stage, offshore and onshore surveys are already underway as part of the development process, including metocean data collection and a series of geophysical and environmental surveys.

Grid Connection

National Grid ESO, the UK electrical system operator, has recently completed a Holistic Network Design (HND) process with the aim of designing a future-proofed solution for the national grid which allows for planned offshore wind expansion in a way which is economical and efficient, and considers the impact on the environment and local communities.

The results of the HND process were published in July 2022 and identified that connections to the national grid would be made in the vicinity of a newly proposed national grid substation at the location known as Creyke Beck 1. The DBS substations will be located near to this new site.

With the offshore array area and grid connection locations established, RWE has focused on identifying suitable offshore and onshore export cable corridors, a cable landfall location and a location for the onshore substations for the projects.

Next Steps

The next steps will be to undertake the necessary development and consenting activities in accordance with current UK government guidelines, which will include comprehensive consultation and determining each project's exact capacity once operational.

Local residents will have the opportunity to comment on the wind farm proposals throughout the development phase, and the project team is due to launch a non-statutory consultation in late Summer/Autumn 2022. Feedback received from the consultation, along with data gathered from surveys and discussions with statutory bodies, will help inform the designs for each project. Further details on the upcoming consultation activities, which focus on site selection for the new onshore substations, will be available on our website shortly.

Due to the DBS projects being classified as Nationally Significant Infrastructure Projects (NSIP), we are required to submit an application for development consent to the Planning Inspectorate which will be managed via the NSIP process. Going forward, the two sites will be developed together with the aim of submitting a planning application for development consent in 2024.

DBS in Numbers



Two projects

make up Dogger Bank South Offshore Wind Farms



DBS East and DBS West could generate enough renewable electricity to power up to **3.4 million UK households** per year



The DBS sites were awarded as part of The Crown Estate's Offshore Wind **Round 4** auction process



DBS East and DBS West could have an installed **capacity of up to 3 GW**



Each site is **500 km² in size**



The sites are located **over 100 km offshore**



The projects' design allows for up to **150 turbines** at each of the two sites



Contact Us

Phone: 0800 254 5459

Email: dbs@rwe.com

Mail: FREEPOST DBSOWF

