

# What's Been Happening

2018 was a busy year for the Dogger Bank Wind Farms team. We have been gearing up to compete for a Contract for Difference (CfD) in this spring's UK Government auction.

Parameter	Consented Envelope	Proposed Amendment	Notes
Rota Diameter	Up to 215m	Up to 280m	See comment below on number of turbines.
Monopile diameter	Up to 10m	Up to 12m	With respect to the seabed footprint, the worst case in assessment terms is based on a gravity base system. Potential implications for underwater noise are considered below.
Maximum hammer energy - monopile	3,000kJ	Up to 4,000kJ	There are no proposed changes to the maximum hammer energy in relation to pin-piles.
Capacity	Up to 1.2GW per project	No change	The Projects will be constrained by capacity, which is unchanged.
Number of turbines	Up to 200 turbines per project	No change	When considering the larger rotor diameter, the total number of wind turbines used will be constrained by the maximum capacity and rotar-swept area (both unchanged). For example, for the maximum proposed rotor diameter of 280m, the maximum number of turbines would be 70 per Project.
Total rotar-swept area	Up to 4.35km <sup>2</sup>	No change	The Projects will be constrained by the total rotar-swept area, which is unchanged.
Blade tip height	Up to 315m above highest astronomical tide (HAT)	No change	N/A
Lower tip height	26m or greater above HAT	No change	N/A

This is planned by May 2019, with a draft budget of £60 million available over two delivery years to support the development of up to six gigawatts of new renewable electricity generation.

Offshore turbine technology has progressed considerably since the initial development of Dogger Bank. To take advantage of this, we made a request for a non-material change to the DCO to use the most efficient machines and potentially reduce the number of turbines.

A final decision is expected early 2019.

## Supply chain engagement

A project of this size brings great socio-economic benefit, with opportunities available for businesses big and small, from large scale civil works to support services such as accommodation and cleaning. Dogger Bank Wind Farms has an overall objective to enhance competition and maximise the business opportunities for local and UK wide businesses.

On 23 May 2018, Dogger Bank Wind Farms held its first Meet the Buyer event, which was an initial opportunity for the JV partners to meet with local companies. Around 300 businesses attended the event to introduce themselves and show what they can contribute to the project. We will be holding more events in the future.

## Surveys

To prepare for construction, work is in progress for the onshore aspects of the projects. This has involved the negotiation of land agreements, surveys, design work, consultation and reporting.

Ecological surveys were completed in 2018 to consider the need for protected species licence and/or mitigation. Other surveys analysed roads and drainage, with more to come in 2019.

Further surveys include archaeology and ground investigations, to determine the underlying ground conditions. Information from these will feed into the detailed design of the projects.

We need to submit a number of documents to East Riding of Yorkshire Council, as they are the Local Planning Authority. Work has already begun on these documents, and those required before construction will be submitted in 2019.



**DOGGER BANK  
WIND FARMS**

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For more information, visit the project website: [www.doggerbank.com](http://www.doggerbank.com)