

Hornsea 4

Reduction in the Hornsea Four Array Area for Lease (AfL)

The Hornsea Four Agreement for Lease (AfL) represents the original lease area from The Crown Estate. This is the area within which the offshore wind farm can be located, comprising of turbines, array cables, offshore accommodation platforms and a range of offshore substations as well as offshore interconnector cables and export cables. As a result of Hornsea Four's proportionate approach to the Environmental Impact Assessment (EIA), the AfL site has been significantly reduced.

The Hornsea Four 'Developable Area Approach' (DAA)

In keeping with Hornsea Four's proportionate approach towards the EIA, the DAA considered the size and location of the final AfL, which will be taken forward in the Development Consent Order (DCO) application.

This approach analysed physical, biological and human constraints in refining the developable area, such as seabed conditions, abundance of birds and marine mammals and location of human infrastructure. The DAA balanced consenting and commercial considerations alongside technical feasibility for construction.

DAA Process & Engagement

Hornsea Four have sought to engage with a number of key stakeholders as part of the DAA process, including The Crown Estate; Maritime Coastguard Agency; Natural England and RSPB.

We have worked with key stakeholders to refine the site to reduce impacts and effects where possible. This has resulted in a significant reduction in the AfL from 868 km² (presented at Scoping in October 2018) to 600 km² (presented in our Preliminary Environmental Information Report (PEIR) in August 2019).

Impacts and effects

In the site selection and refinement process, environmental assessments identified ornithology as a principal constraint due to the proximity of the Hornsea Four AfL site to the Flamborough and Filey Coast Special Protection Area (SPA).

This required detailed consideration through the DAA.

As a project, we have made a commitment to select an AfL area that avoids areas with the highest concentrations of birds (kittiwake, gannet and guillemot) that are more likely to be displaced by the construction activities, and birds that are more likely to fly at heights that brings them within the rotor swept zone and hence at risk of collision.



Reduction in the Hornsea Four Afl

Hornsea Four is located to the west of Hornsea One and Hornsea Two which are both under construction. Hornsea Four will also be to the west of Hornsea Three, which is under development and submitted its DCO application in May 2018.

The reduced Hornsea Four Afl is presented in the PEIR documentation and will be the location of up to 180 turbines.



More information on this can be found in Preliminary Environmental Information Report (PEIR) and accompanying Non-Technical Summary, which can be found at: <https://hornseaprojects.co.uk/Hornsea-Project-Four/Documents-Library/Formal-Consultation>

Hard copies of the non-technical summary are also available at today's local information event.