

1 St James's Market  
London  
SW1Y 4AH  
The Crown Estate - Official

Web: [REDACTED]



**Dear Sir/madam,**

**Application by RWE Renewables UK Dogger Bank South (West) Limited and RWE Renewables UK Dogger Bank South (East) Limited for the Dogger Bank South Offshore Wind Farms Project.**

**Planning Act 2008 – Section 89 and The Infrastructure Planning (Examination Procedure) Rules 2010**

**Examination Timetable – Deadline 6 – Friday 13 June**

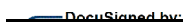
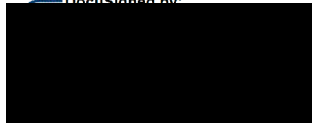
Thank you for inviting The Crown Estate (TCE) to provide additional information to the Examining Authority as part of its assessment of the proposed generation assets for the Dogger Bank South Offshore Wind Farms project. We would like to submit the following response to the request for further information Ref EN010125.

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Question and reference		TCE Response
R17.22	<b>Infrastructure and other users - Wake loss – bufer zone.</b> Did the 7.5 kilometre bufer zone applied to the Leasing Round 4 projects consider effects from the scale of the wind turbines proposed for this application (with a maximum height of 376.8 meters (m) and rotor diameter of 344.08m)?	<ul style="list-style-type: none"><li>• The 7.5km bufer/stand-of between wind farms (unless developers consent to closer proximity) is a separation distance to enable developers to develop, operate and maintain wind farms by allowing for a range of factors including amongst other matters, wake effects, navigation, and safety.</li><li>• The 2019 Information Memorandum ahead of Ofshore Wind Leasing Round 4 set out the requirement that HbProjects may not be located within 7.5 km of an existing offshore wind farm (meaning a wind farm at any stage of development which has been awarded an agreement for lease or lease from The Crown Estate) unless the owner of the existing offshore wind farm has given its written consent".</li><li>• This 7.5km was used for the purpose of processing project proposals in the tender only, being higher than the 5km bufers that are speciied within the seabed lease agreements (introduced in Round 3); this was for the purpose of de-risking the Round 4 tender by providing additional mitigation and assurance to participants through limiting proximity.</li><li>• The Crown Estate acknowledges that inter-farm wake effects can extend beyond these bufer distances. TCE also notes that the spatial and temporal variability of wind speed means that it is complex to accurately predict the wake impact on nearby wind farms, which may depend upon factors beyond distance – e.g. prevailing wind direction and wind farm layout.</li><li>• The location of a wind farm, (along with wind turbine speciics such as height, rotor diameter, MW power) within an area of seabed leased from The Crown Estate is for developers to decide and design for, subject to obtaining the necessary consents and The Crown Estate's approval.</li></ul>

Yours sincerely,

Portfolio Manager  
The Crown Estate