



# Defence Infrastructure Organisation

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Your Reference: EN010109

MoD Telephone: [REDACTED]

Our Reference: DIO10056799

E-mail: [REDACTED]@mod.gov.uk

National Infrastructure Planning  
Temple Quay House  
2 The Square  
Bristol  
BS1 6PN

30 August 2024

## By email only

Dear Sir/Madam,

The Ministry of Defence (MOD) has been consulted by Equinor New Energy Limited in relation to the Non-Material Change (NMC) to Order Consent EN010109 through communication dated 25 July 2024.

After reviewing the submitted documents, and subject to the retention of both Requirement 27 set out under Schedule 2, Part 1, and the conditions below, the MOD has no objection to the Non-Material Change application:

- Condition 10 – Aviation Safety at Schedule 10 (Marine Licence 1), Part 2;
- Condition 10 – Aviation Safety at Schedule 11 (Marine Licence 2), Part 2;
- Condition 9 – Aviation Safety at Schedule 12 (Marine Licence 3), Part 2; and
- Condition 9 – Aviation Safety at Schedule 13 (Marine Licence 4), Part 2.

Please find attached the MOD response previously provided to the applicant on 23 August 2024.

Yours sincerely,

[REDACTED]

Stefany Alves Veronese  
Assistant Safeguarding Manager

(Appendix A Enclosed)

## Appendix A



**Defence  
Infrastructure  
Organisation**

Stefany Alves Veronese  
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**Your Reference: EN010109**

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Kari Hege Mørk  
Equinor New Energy Limited  
1 Kingdom Street  
London  
W2 6BD

23 August 2024

### **By email only**

Dear Kari,

Application Reference: EN010109

Site Name: Sheringham Shoal Extension Project (SEP) and the Dudgeon Extension Project (DEP).

Proposal: Non-material Change Application. The proposed NMC Application is intended to facilitate an increase in the maximum generating capacity that can be achieved by SEP and DEP. The projects have secured a Stage 2 Transmission Entry Capacity (TEC) from National Grid ESO, which increases the permitted grid connection capacity from 719 MW to 950 MW.

Site Address: Approximately 15.8 and 26.5 km, respectively, from the North Norfolk coast.

Thank you for consulting the Ministry of Defence (MOD) in relation to the Non-Material Change (NMC) to Order Consent EN010109 through your communication 25 July 2024.

The Defence Infrastructure Organisation (DIO) Safeguarding Team represents the MOD as a consultee in UK planning and energy consenting systems to ensure that development does not compromise or degrade the operation of defence sites such as aerodromes, explosives storage sites, air weapon ranges, and technical sites or training resources such as the Military Low Flying System.

MOD latest position has been submitted by letter (dated 10 July 2023) stating that subject to the retention of specified conditions, MOD had no objection to the scheme.

The proposed NMC Application seeks to facilitate an increase in the maximum generating capacity that can be achieved by SEP and DEP, which have secured a Stage 2 Transmission Entry Capacity (TEC) from National Grid ESO, which increases the permitted grid connection capacity from 719 MW to 950 MW. The NMC Application seeks the following non-material changes to the Order:

- Increases to the maximum total rotor-swept area for SEP and DEP;

- Corresponding increases to the minimum air gap (that being the distance between the lowest point of the rotating blade of a wind turbine generator and the highest astronomical tide);
- Increases to the maximum number and length of interlink cables and the maximum number of interlink cable crossings;
- Increases to the maximum area and volume of cable protection for the interlink cables and for the DEP infield cables; and
- A reduction to the maximum number of DEP infield cable crossings.

The NMC Application does not request any further changes to the upper limits of the wind turbine design envelope, including the number of wind turbines, rotor diameter, and blade tip height. Additionally, the NMC Application does not seek any amendments to the foundation parameters, such as pile diameter and hammer energy upper limits. Furthermore, there are no changes to the onshore elements of SEP and DEP, and no additional land is required.

After reviewing the submitted documents, and with the retention of requirement 27 set out under Schedule 2, Part 1, and the conditions below, the MOD has no objection to the Non-Material Change application:

- Condition 10 – Aviation Safety at Schedule 10 (Marine Licence 1), Part 2;
- Condition 10 – Aviation Safety at Schedule 11 (Marine Licence 2), Part 2;
- Condition 9 – Aviation Safety at Schedule 12 (Marine Licence 3), Part 2; and
- Condition 9 – Aviation Safety at Schedule 13 (Marine Licence 4), Part 2.

I hope this adequately explains our position on the matter. If you require further information or would like to discuss this matter further, please do not hesitate to contact me.

Further information about the effects of wind turbines on MOD interests can be obtained from the following websites:

**MOD:** <https://www.gov.uk/government/publications/wind-farms-ministry-of-defence-safeguarding>

Yours sincerely,



Stefany Alves Veronese  
Assistant Safeguarding Manager