

Vattenfall Wind Power Ltd

Thanet Extension Offshore Wind Farm

Appendix 3 to Deadline 4b Submission: Addendum
to the Environment Statement in relation to the
Structure Exclusion Zone

Relevant Examination Deadline: 4b

Submitted by Vattenfall Wind Power Ltd

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Revision A

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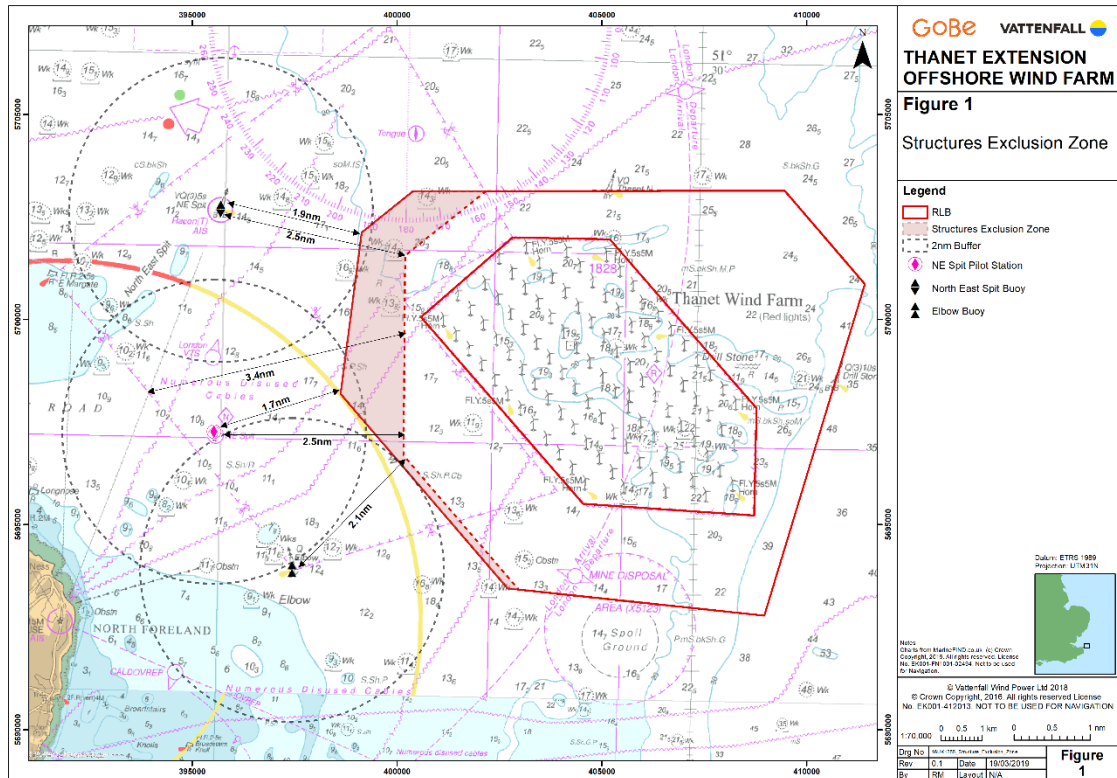
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1 Introduction

- 1 At Deadline 3, a number of responses were received regarding shipping and navigation issues (with these summarised in Appendix 4 to Deadline 4 (PINS Ref REP4-018). Appendix 14 to Deadline 4 detailed a proposed Structures Exclusion Zone (SEZ) to the western extent of the array Red Line Boundary (RLB). The purpose of the SEZ is to identify an area within the RLB where no above sea structures will be installed – noting that cables may still be installed within this zone.
- 2 At Deadline 4 the Applicant also submitted a review of the Environmental Statement (ES) which was included at Appendix 23. The purpose of this document is to supplement the topic by topic review of the ES presented in Appendix 23 to Deadline 4 (PINS Ref REP4-027) and provide further detail with regards the implications for the key topics ‘screened in’ for further consideration. It therefore acts as an addendum to the ES and should be read in conjunction with Appendix 2 of this Deadline 4b submission which provides a review of the wider application documents beyond the ES and RIAA, and the NRA Addendum (Appendix 1).
- 3 For ease of reference Section 2 of this note provides the screening table (Table 2) as submitted within Appendix 23. In summary the matters proposed to be carried through for further consideration were:
 - 1) Commercial Fisheries
 - 2) Seascape, Landscape, Visual Impact Assessment
 - 3) Onshore Archaeology and Cultural Heritage
 - 4) Shipping and Navigation
 - a. The appraisal forms an addendum to the NRA
 - 5) Report to Inform Appropriate Assessment (RIAA)
 - a. Limited to further consideration of the Outer Thames Estuary SPA
- 4 This document and the associated Annexes present an appraisal of items 1 to 3 of the above bullets. Appendix 1 to this Deadline 4b submission, and an outline NRA presented as a late Deadline 4 submission submitted on 3rd April provides the necessary review of the SEZ with regards shipping and navigation. Appendix 4 to this Deadline 4b submission provides an addendum to the RIAA reflecting the introduction of the SEZ.

1.1 The Structures Exclusion Zone

- 5 The location of the SEZ, which remains unchanged since submission at Deadline 4, is depicted in Figure 1 below, in relation to the RLB.



2 Appraisal

- 6 Table 1 presents a brief tabulated summary as drawn from Annexes A to C to this Deadline 4b submission (ES implications), and Appendix 19 to the Deadline 4 Submission [REP4-023] specifically with regards the Outer Thames Estuary SPA. Appendix 4 to this Deadline 4b submission presents an addendum to the Report to Inform Appropriate Assessment (RIAA) (PINS Ref REP2-018, and REP2-019) and draws together Appendix 27 and Appendix 19 of the Deadline 4 submissions in order to provide a single addendum to the RIAA.

Table 1 Summary of the review of SEZ implications

Annex	Summary of content
Annex A	Annex A confirms that the introduction of the SEZ does not result in a change in significance with regards the Environmental Impact Assessment of potential Seascape, Landscape and Visual Impacts , but does provide some mitigation for certain viewpoints.
Annex B	Annex B confirms that the introduction of the SEZ does not result in a change in significance with regards the Environmental Impact Assessment of potential effects on the Historic Environment (a focus primarily on historic setting) but does provide some mitigation for certain viewpoints.
Annex C	Annex C confirms, that the introduction of the SEZ does not result in a change in significance with regards the Environmental Impact Assessment of potential effects on Commercial Fisheries but does provide some mitigation for certain fisheries, with likely effects on drift netting and potting reduced.
Appendix 4	A further review on the potential implications for the Report to Inform Appropriate Assessment has been provided at Appendix 4 of this Deadline 4b submission. As noted in Appendix 19 of the Deadline 4 ¹ submission the overall distance from the OTE SPA is such that the proposed area of interaction is so small as to not result in any meaningful disturbance. The conclusion of the RIAA addendum (Appendix 4 of this Deadline 4b submission) is such that there remains no adverse effect on integrity from the project alone, and therefore no meaningful contribution to in-combination effects.

¹ Appendix 19 to Deadline 4 Submission: The consequences of the SEZ on assessment of Red throated Diver interest feature of OTE SPA alone and in-combination [REP4-023]

3 Conclusion

- 7 It is the conclusion of this review of the ES and RIAA that the introduction of the SEZ results in no significant change to the effects presented in the ES, with the exception of the predicted effects on shipping and navigation which are considered within Appendix 1 of this Deadline 4b submission.

- 8 Whilst the SEZ is considered beneficial with regards SLVIA, historic environment, commercial fisheries, and the OTE SPA, the changes will result in a reduction in the magnitude of impact for all receptors, but does not result in an overall change in significance with regards the EIA Regulations 2017. With regards the OTE SPA it is considered that the additional distance between the proposed project and the OTE SPA reduces further the limited potential for any effect, noting that it is already agreed with the relevant SNCB prior to the introduction of the SEZ that there is no adverse effect on the integrity of the OTE SPA from the proposed project alone and that there is no material contribution to the in-combination effects on the OTE SPA. In light of this the already very small interaction with the OTE SPA can confidently be considered to be non-material, and had the SEZ been in place during the initial screening of likely significant effect there could be a reasonable case for screening the project out, both alone and in-combination.

4 Appendix 23 – Table 1

Table 2: Screening table for consideration within this clarification note

Chapter	Screened in/out of consideration
Volume 2, Chapter 2: Marine Geology, Oceanography and Physical Processes	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 2, Chapter 3: Marine Water and Sediment Quality	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 2, Chapter 4: Offshore Ornithology	Screened out - no anticipated change in the maximum adverse scenario assessed (noting the implications for offshore ornithology within the RIAA addressed in Appendix 4 of this Deadline 4b submission)
Volume 2, Chapter 5: Benthic Subtidal and Intertidal Ecology	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 2, Chapter 6: Fish and Shellfish Ecology	Screened out - no anticipated change in the maximum adverse scenario assessed (noting the implications for commercial fisheries addressed at Annex C of this Deadline 4a submission)
Volume 2, Chapter 7: Marine Mammals	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 2, Chapter 8: Offshore Designated Sites	Screened out - no anticipated change in the maximum adverse scenario assessed (noting the implications for relevant designated sites within the RIAA addressed in Appendix 4 of this Deadline 4b submission)
Volume 2, Chapter 9: Commercial Fisheries	Screened in – considered in Table 1 of this document and at Annex C of this Deadline 4a submission
Volume 2, Chapter 10: Shipping and Navigation	Screened in – considered in Table 1 of this document and at Appendix 14 of the Deadline 4 submission, in the late Deadline 4 submission (outline NRA) and in further detail in Appendix 1 of this

Chapter	Screened in/out of consideration
	Deadline 4b submission (addendum to the NRA)
Volume 2, Chapter 11: Infrastructure and Other Users	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 2, Chapter 12: Seascape, Landscape Visual Impact Assessment (LVIA)	Screened in – considered in Table 1 of this document and at Annex A of this Deadline 4b submission
Volume 2, Chapter 13: Offshore Archaeology and Cultural Heritage	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 2: Landscape Visual Impact Assessment	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 3: Socioeconomics	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 4: Tourism and Recreation	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 5: Onshore Biodiversity	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 6: Ground Conditions, Flood Risk and Land Use	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 7: Historic Environment	Screened in – considered in Table 1 of this document and at Annex B of this Deadline 4b submission
Volume 3, Chapter 8: Traffic and Access	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 9: Air Quality	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 10: Noise and Vibration	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 11: Aviation and Radar	Screened out - no anticipated change in the maximum adverse scenario assessed
Volume 3, Chapter 12 Public Health	Screened out - no anticipated change in the maximum adverse scenario assessed