East Anglia ONE North and East Anglia TWO Offshore Windfarms

Applicants' Comments on Richard Reeves' Deadline 10 Submissions

Applicant: East Anglia TWO and East Anglia ONE North Limited
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Applicable to East Anglia ONE North and East Anglia TWO

Revision Summary				
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001	07/06/2021	Ian Mackay	Lesley Jamieson	Rich Morris

Description of Revisions			
Rev	**Page**	**Section**	**Description**
001	n/a	n/a	Final for Submission

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Glossary of Acronyms

DCO	Development Consent Order
GI	Ground Investigation
PD	Procedural Decision
SCC	Suffolk County Council
UXO	Unexploded Ordnance
WSI	Written Scheme of Investigation

Glossary of Terminology

Applicants	East Anglia TWO Limited / East Anglia ONE North Limited
East Anglia ONE North project	The proposed project consisting of up to 67 wind turbines, up to four offshore electrical platforms, up to one construction, operation and maintenance platform, inter-array cables, platform link cables, up to one operational meteorological mast, up to two offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation, and National Grid infrastructure.
East Anglia TWO project	The proposed project consisting of up to 75 wind turbines, up to four offshore electrical platforms, up to one construction, operation and maintenance platform, inter-array cables, platform link cables, up to one operational meteorological mast, up to two offshore export cables, fibre optic cables, landfall infrastructure, onshore cables and ducts, onshore substation, and National Grid infrastructure.

1 Introduction

1. This document presents the Applicants' comments on Richard Reeves' Deadline 10 submissions as follows:

   - Cover Email (REP10-065);
   - Supporting Video 1 (REP10-066);
   - Supporting Video 2 (REP10-067); and
   - Supporting Video 3 (REP10-068).

2. This document is applicable to both the East Anglia TWO and East Anglia ONE North Development Consent Order (DCO) applications, and therefore is endorsed with the yellow and blue icon used to identify materially identical documentation in accordance with the Examining Authority's procedural decisions on document management of 23rd December 2019 (PD-004). Whilst this document has been submitted to both Examinations, if it is read for one project submission there is no need to read it for the other project submission.

2 Comments on Richard Reeves' Deadline 10 Submission

2.1 Applicants' Comments on Richard Reeves' Deadline 10 Submission Cover Email (REP10-065)

3. The Applicants' submitted DCO applications for their respective Projects (the Applications) in October 2019 and the Examination of the Projects commenced on 6th October 2020. In support of the detailed design of the Projects, the Applicants commenced onshore site investigation works in April 2021.

4. These onshore site investigation works comprise:

   - Ground investigations (GI) (to confirm the soil properties necessary to enable the detailed design of the Projects); and
   - Archaeological investigations (to establish the extent or otherwise of buried archaeological within the onshore development area).

5. The Applicants' prepared an update ***Statement regarding Ground Investigation Works*** (REP10-029), which was submitted at Deadline 10. This document provides further detail on the above investigations.

6. Mr Reeves has asked if any survey work has been undertaken prior to archaeological and ground investigation works, to assess whether unexploded ordnance may be present. To inform the scope of the ground investigation works, a detailed Unexploded Ordnance (UXO) desk-study was completed, and the recommendations of the study informed the scope of on-site investigation works. UXO clearance is undertaken for all boreholes and a watching brief is conducted for all trial pits.

7. Mr Reeves has also raised a concern about boring into the aquifer, which he describes as fragile and vulnerable. Borehole drilling is part of the wider GI works in order to determine the level and quality of any groundwater encountered. Boreholes have been targeted in locations that will inform the design of the proposed project, and also minimise disturbance to people, places and landscape within the investigation area. Borehole depths are shallow enough so as not to reach or impact upon the chalk aquifer. No boreholes will be drilled within Environment Agency Source Protections Zone 1 (public water supplies).

8. The methodology for archaeological monitoring has been defined within a survey-specific Written Scheme of Investigation (WSI), which was approved by Suffolk

County Council (SCC) Archaeology Service before investigations commenced on site. The works are designed to avoid areas of known archaeological potential. The methodology requires the archaeologist to monitor the removal of topsoil/overburden to the point at which either archaeological features or horizons are encountered, or natural subsoil is reached, which commonly occurs at 300-500mm below the surface.

9. Once the topsoil/overburden has been removed, and the archaeologist has confirmed that no archaeological features are present, there is no requirement for the natural subsoils to be monitored archaeologically. The archaeologist then has to wait until the next trench is dug by the contractor to undertake the same monitoring process again.

10. Topsoil and subsoil are being separated rather than being placed in the same stockpiles, which is an essential process to ensure excavated materials are being used in the correct order when backfilling trenches. The methodology being used is standard practice for these type of investigation works.

2.2 Applicants' Comments on Richard Reeves' Deadline 10 Submission Supporting Video 1 (REP10-066)

11. The Applicants are uncertain as to the relevance of this video. This video was taken prior to works commencing on site and as such the site establishment was not complete. Acoustic barriers were subsequently installed prior to works commencing.

2.3 Applicants' Comments on Richard Reeves' Deadline 10 Submission Supporting Video 2 (REP10-067)

12. The Applicants' would note the noise barriers are installed as an additional noise mitigation measure to reduce any disturbance from the ground investigation works. The noise barriers will be secured at the base of the fence going forward.

2.4 Applicants' Comments on Richard Reeves' Deadline 10 Submission Supporting Video 3 (REP10-068)

13. The Applicants' would note that the video shows the excavators secured with heras fencing in small, tidy compounds. The Applicants' would also note that Ness House is over 400m away from the location of this video.