East Anglia ONE North and East Anglia TWO Offshore Windfarms

Draft Statement of Common Ground

East Suffolk Internal Drainage Board

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

Revision Summary				
Rev	**Date**	**Prepared by**	**Checked by**	**Approved by**
01	10/06/20	Paolo Pizzolla	Julia Bolton / Ian Mackay	Rich Morris

Description of Revisions			
Rev	**Page**	**Section**	**Description**
01	n/a	n/a	First draft SoCG issued to Examining Authority

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Glossary of Acronyms

APP	Application Document
DCO	Development Consent Order
ES	Environmental Statement
IDB	Internal Drainage Board
PEIR	Preliminary Environmental Information Report
SoCG	Statement of Common Ground

Glossary of Terminology

Applicants	East Anglia TWO Limited / East Anglia ONE North Limited
Cable sealing end compound	A compound which allows the safe transition of cables between the overhead lines and underground cables which connect to the National Grid substation.
Cable sealing end (with circuit breaker) compound	A compound (which includes a circuit breaker) which allows the safe transition of cables between the overhead lines and underground cables which connect to the National Grid substation.
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.
Jointing bay	Underground structures constructed at intervals along the onshore cable route to join sections of cable and facilitate installation of the cables into the buried ducts.
Landfall	The area (from Mean Low Water Springs) where the offshore export cables would make contact with land, and connect to the onshore cables.
Meteorological mast	An offshore structure which contains metrological instruments used for wind data acquisition.
National electricity grid	The high voltage electricity transmission network in England and Wales owned and maintained by National Grid Electricity Transmission
National Grid infrastructure	A National Grid substation, cable sealing end compounds, cable sealing end (with circuit breaker) compound, underground cabling and National Grid overhead line realignment works to facilitate connection to the national electricity grid, all of which will be consented as part of the proposed East Anglia TWO / East Anglia ONE North project Development Consent Order but will be National Grid owned assets.
National Grid overhead line realignment works	Works required to upgrade the existing electricity pylons and overhead lines (including cable sealing end compounds and cable sealing end (with circuit breaker) compound) to transport electricity from the National Grid substation to the national electricity grid.
National Grid substation	The substation (including all of the electrical equipment within it) necessary to connect the electricity generated by the proposed East Anglia TWO / East Anglia ONE North project to the national electricity grid which will be owned by National Grid but is being consented as part of the proposed East Anglia TWO / East Anglia ONE North project Development Consent Order.
Offshore electrical platform	A fixed structure located within the windfarm area, containing electrical equipment to aggregate the power from the wind turbines and convert it into a more suitable form for export to shore.

Offshore export cables	The cables which would bring electricity from the offshore electrical platforms to the landfall. These cables will include fibre optic cables.
Offshore platform	A collective term for the construction, operation and maintenance platform and the offshore electrical platforms.
Onshore cable corridor	The corridor within which the onshore cable route will be located.
Onshore cable route	This is the construction swathe within the onshore cable corridor which would contain onshore cables as well as temporary ground required for construction which includes cable trenches, haul road and spoil storage areas.
Onshore cables	The cables which would bring electricity from landfall to the onshore substation. The onshore cable is comprised of up to six power cables (which may be laid directly within a trench, or laid in cable ducts or protective covers), up to two fibre optic cables and up to two distributed temperature sensing cables.
Onshore substation	The East Anglia TWO / East Anglia ONE North substation and all of the electrical equipment within the onshore substation and connecting to the National Grid infrastructure.
Transition bay	Underground structures at the landfall that house the joints between the offshore export cables and the onshore cables.

1 Introduction

1.1 Background

1. This Statement of Common Ground (SoCG) has been prepared between East Anglia TWO Limited, East Anglia ONE North Limited (the Applicants) and East Suffolk Internal Drainage Board (East Suffolk IDB) in relation to the East Anglia TWO project and the East Anglia ONE North project (the Projects). It identifies areas of the Project's Development Consent Order (DCO) applications (the Applications) where matters are agreed or not agreed between the parties.

2. The Applicants have had regard to the guidance for the examination of applications for development consent (Department for Communities and Local Government, 2015) when compiling this SoCG.

3. This SoCG has been structured to reflect topics of the Applications which are of interest to East Suffolk IDB. Topic specific matters agreed, not agreed and actions to resolve between the Applicants and East Suffolk IDB are included within this SoCG.

4. ***Table 3*** below represents the SoCG between the Applicants and East Suffolk IDB in respect of the following topics:

   - Water Resources and Flood Risk; and
   - Development Consent Order (DCO).

5. Throughout the SoCG the phrase "Agreed" identifies any point of agreement between the Applicants and East Suffolk IDB. The phrase "Not Agreed" identifies any point that is not yet agreed between the Applicants and East Suffolk IDB.

6. The matters considered within this SoCG apply only to the context of East Suffolk IDB's statutory remit, which covers ordinary watercourses within the East Suffolk Internal Drainage District. In the context of East Anglia TWO and East Anglia ONE North, this includes all ordinary watercourses and the drainage system within East Suffolk Internal Drainage District. It does not include any watercourses categorised as Main Rivers. All matters relevant to main rivers fall under the remit of the Environment Agency.

7. In the context of the Applications, East Suffolk IDB's remit only concerns ***Chapter 20 Water Resources and Flood Risk*** (APP-068) and its associated ***Appendix 20.3 Flood Risk Assessment*** (APP-496). Matters that are not yet agreed will be the subject of ongoing discussion between the Applicants and East Suffolk IDB to reach agreement on each matter wherever possible, or refine the extent of disagreement between parties. The notes column of the SoCG tables provides commentary on these matters.

8. This document is applicable to both the East Anglia TWO and East Anglia ONE North 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 decision 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.

1.2 The Development

9. The key offshore components of each project will comprise:

- Offshore wind turbines and their associated foundations;
- Offshore platforms - up to four offshore electrical platforms and their associated foundations supporting some of the windfarm's electrical equipment, and up to one construction, operation and maintenance platform and associated foundations that may cater for personnel and activities required during the construction phase and operation and maintenance of the windfarm;
- Sub-sea cables between the wind turbines and offshore electrical platforms (inter-array), between separate offshore platforms (platform link cables) and between offshore electrical platforms and the landfall (export cables);
- Scour protection around foundations and on inter-array, platform link and export sub-sea cables as required; and
- Potential for one meteorological mast and its associated foundations for monitoring wind speeds during the operational phase of the windfarm.

10. The key onshore components of each project will comprise:

- The landfall site with up to two transition bays to connect the onshore and offshore cables;
- Up to six onshore cables, up to two fibre optic cables and up to two distributed temperature sensing cables installed underground (some or all of which may be installed in ducts) and associated jointing bays installed underground;
- Onshore substation; and
- Electrical cable connection between the onshore substation and National Grid substation.

11. National Grid infrastructure will also be required to connect each project to the national electricity grid. Key components of the National Grid infrastructure which is common to both projects will comprise:

- National Grid substation;
- Cable sealing end compounds and a cable sealing end (with circuit breaker) compound; and
- Realignment of the existing overhead lines; including the reconstruction or replacement of up to three existing overhead pylons in proximity to the National Grid substation and the addition of up to one new pylon in close proximity to existing overhead pylons.

1.3 Summary of Agreed, Not Agreed and Outstanding Matters

12. ***Table 1*** provides a summary of the matters agreed, not agreed and those which are outstanding between the Applicants and East Suffolk IDB for each of the relevant SoCG topic areas. For further information on matters that are outstanding / under discussion and for which the Applicants and East Suffolk IDB are working to agree during the examination period, please refer to the Notes column of ***Table 3***.

Table 1 Summary of Agreed, Not Agreed and Outstanding Matters

Topic	Summary
Water Resources and Flood Risk	All matters relating to East Suffolk IDB's interests in the Existing Environment and Assessment Conclusions are agreed. Certain matters relating to East Suffolk IDB's interests in the Assessment Methodology remain under discussion. Matters pertaining to East Suffolk IDB's interests in the DCO are agreed.

2 Statement of Common Ground

13. A summary of the consultation undertaken to date with East Suffolk IDB and the matters agreed or not agreed between the Applicants and East Suffolk IDB (based on discussions and information exchanged between the Applicants and East Suffolk IDB during the pre-application and examination phases of the applications) are set out below for each of the SoCG topic areas.

2.1 Water Resources and Flood Risk

14. The projects have the potential to impact upon water resources and flood risk. ***Chapter 20 Water Resources and Flood Risk*** of the Environmental Statement (ES) (APP-068) provides an assessment of the significance of these impacts.

15. ***Table 2*** provides an overview of consultation undertaken with East Suffolk IDB regarding water resources and flood risk. Further details on the stakeholder engagement process for water resources and flood risk can be found in the Consultation Report (APP-029).

Table 2 Summary of consultation with East Suffolk IDB regarding water resources and flood risk

Date	Contact Type	Topic
Pre-Application		
7th November 2018	Meeting	Presentation of assessment, impacts and mitigation in advance of publication of the Preliminary Environmental Information Report (PEIR)
2nd May 2019	Meeting	Post-PEIR consultation feedback
Post-Application		
4th February 2020	Meeting	SoCG meeting 1
28th April 2020	Meeting	SoCG meeting 2

16. ***Table 3*** presents the matters agreed or not agreed in relation to water resources and flood risk.

Table 3 Water Resources and Flood Risk

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	East Suffolk IDB Position	Notes
Environmental Impact Assessment *(Chapter 20 Water Resources and Flood Risk (APP-068) and Appendix 20.3 Flood Risk Assessment (APP-496))*						
IDB-001	Existing Environment	Sufficient survey data (insofar as it relates to East Suffolk IDBs statutory remit) has been collected to inform the assessment presented within ***Chapter 20 Water Resources and Flood Risk*** (APP-068) and ***Appendix 20.3 Flood Risk Assessment*** (APP-496).	Agreed	Agreed	Agreed	None
IDB-002	Existing Environment	***Chapter 20 Water Resources and Flood Risk*** of the ES (APP-068) and ***Appendix 20.3 Flood Risk Assessment*** (APP-496) adequately characterise the baseline environment in terms of water resources and flood risk (insofar as it relates to East Suffolk IDB's statutory remit).	Agreed	Agreed	Agreed	None
IDB-003	Assessment Methodology	The impact assessment methodologies used for ***Chapter 20 Water Resources and Flood Risk*** of the ES (APP-068) and ***Appendix 20.3 Flood Risk Assessment*** (APP-496) provide an appropriate approach to assessing potential impacts of the project (insofar as it relates to East Suffolk IDB's statutory remit).	Agreed	Agreed	Not Agreed – under discussion	This matter is under discussion between the Applicants and East Suffolk IDB.

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	East Suffolk IDB Position	Notes
IDB-004	Assessment Conclusions	Within ***Chapter 20 Water Resources and Flood Risk*** of the ES (APP-068) and ***Appendix 20.3 Flood Risk Assessment*** of the ES (APP-496), the assessment of impacts for construction, operation and decommissioning presented are consistent with the agreed assessment methodologies (insofar as it relates to East Suffolk IDB's statutory remit).	Agreed	Agreed	Agreed	None
IDB-005	Assessment Conclusions	Within ***Chapter 20 Water Resources and Flood Risk*** of the ES (APP-068) and ***Appendix 20.3 Flood Risk Assessment*** of the ES (APP-496), the assessment of cumulative impacts presented are consistent with the agreed methodologies (insofar as it relates to East Suffolk IDB's statutory remit).	Agreed	Agreed	Agreed	None
IDB-006	Mitigation	The embedded mitigation identified within Section 20.3.3 of ***Chapter 20 Water Resources and Flood Risk*** of the ES (APP-068) and the means for implementation are appropriate and adequate (insofar as it relates to East Suffolk IDB's statutory remit). Any further mitigation requirements will be	Agreed	Agreed	Agreed	None

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	East Suffolk IDB Position	Notes
		considered pre-construction within the final Code of Construction Practice.				
Draft Development Consent Order (DCO)						
IDB-007	Wording of Requirement(s)	The wording of Requirement 22 provided within the draft DCO (and supporting certified documents) with reference to development of a Code of Construction Practice, including a Surface Water and Drainage Management Plan, for the mitigation and monitoring of potential impacts to water resources and flood risk is appropriate and adequate.	Agreed	Agreed	Agreed	None
Other Matters as Required						
IDB-008	Surface Water and Drainage Management Plan	East Suffolk IDB is the regulator for ordinary watercourses within the East Suffolk Internal Drainage District as per the Land Drainage Act 1991. East Suffolk IDB also applies byelaws created under Section 66 of the Land Drainage Act 1991. The Surface Water and Drainage Management Plan prepared under Requirement 22 of the draft DCO will identify the need to obtain written consent from East Suffolk IDB for works regulated by the Land	Agreed	Agreed	Agreed	Application document ***Consents and Licences required under other Legislation*** (APP-048) states that land drainage consent will be sought post-consent where such a need is identified. The Applicants will ensure the Surface Water and Drainage Management Plan prepared post-consent under Requirement 22 of

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	East Suffolk IDB Position	Notes
		Drainage Act 1991, including the Board's Byelaws.				the DCO provides for written consent from East Suffolk IDB for works regulated by the Land Drainage Act 1991, including the Board's Byelaws. This will be confirmed in an updated Outline Code of Construction Practice (APP-578).

3 Signatures

17. The above Statement of Common Ground is agreed between East Anglia TWO Limited, East Anglia ONE North Limited and East Suffolk Internal Drainage Board on the day specified below.

Signed: _____ Print Name: _____ Job Title: _____ Date: _____ Duly authorised for and on behalf of **East Suffolk Internal Drainage Board**
Signed: _____ Print Name: _____ Job Title: _____ Date: _____ Duly authorised for and on behalf of **East Anglia TWO Limited**
Signed: _____ Print Name: _____ Job Title: _____ Date: _____ Duly authorised for and on behalf of **East Anglia ONE North Limited**