



SCOTTISHPOWER
RENEWABLES



East Anglia ONE North and East Anglia TWO Offshore Windfarms

Draft Statement of Common Ground Anglian Water Services Limited

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**



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Glossary of Acronyms

AW	Anglian Water
APP	Application Document
CoCP	Code of Construction Practice
DCO	Development Consent Order
dDCO	Draft Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
ETG	Expert Topic Group
HDD	Horizontal Directional Drill
HRA	Hydrogeological Risk Assessment
OCoCP	Outline Code of Construction Practice
OLEMS	Outline Landscape and Ecological Management Strategy
ONR	Office of Nuclear Regulation
PEIR	Preliminary Environmental Information Report
SoCG	Statement of Common Ground
SPA	Special Protected Area



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.
East Anglia TWO windfarm site / East Anglia ONE North windfarm site	The offshore area within which wind turbines and offshore platforms will be located.
Horizontal directional drilling (HDD)	A method of cable installation where the cable is drilled beneath a feature without the need for trenching.
Inter-array cables	Offshore cables which link the wind turbines to each other and the offshore electrical platforms, these cables will include fibre optic cables.
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.
Mitigation areas	Areas captured within the onshore development area specifically for mitigating expected or anticipated impacts.
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.
National Grid substation location	The proposed location of the National Grid substation.
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 infrastructure	All of the offshore infrastructure including wind turbines, platforms, and 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 development area	The area in which the landfall, onshore cable corridor, onshore substation, landscaping and ecological mitigation areas, temporary construction facilities (such as access roads and construction consolidation sites), and the National Grid Infrastructure will be located.
Onshore infrastructure	The combined name for all of the onshore infrastructure associated with the proposed East Anglia TWO / East Anglia ONE North project from landfall to the connection to the national electricity grid.
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.
Platform link cable	Electrical cable which links one or more offshore platforms. These cables will include fibre optic cables.
Scour protection	Protective materials to avoid sediment being eroded away from the base of the foundations as a result of the flow of water.
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 by East Anglia TWO Limited, East Anglia ONE North Limited (the Applicants) and Anglian Water Services Limited (hereafter AW) in relation to the East Anglia TWO project and the East Anglia ONE North project (the Projects). It identifies areas of the East Anglia TWO and East Anglia ONE North 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 AW. Topic specific matters agreed, not agreed and actions to resolve between the Applicants and AW are included within this SoCG.
4. **Table 3** presented below represent the SoCG with the Applicants and AW in respect of the following topics:
 - AW Asset Protection;
 - Protective Provisions;
 - Connections to water supply/public sewerage networks.
5. Throughout the SoCG the phrase “Agreed” identifies any point of agreement between the Applicants and AW. The phrase “Not Agreed” identifies any point that is not yet agreed between the Applicants and AW.
6. The matters considered within this SoCG apply only to AW interests. Matters that are not yet agreed will be the subject of ongoing discussion between the Applicants and AW 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.
7. 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 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.

1.2 The Development

8. 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.
9. 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 (DTS) 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.
10. 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

11. **Table 1** provides a summary of the matters agreed, not agreed and those which are outstanding between the Applicants and AW for each of the relevant SoCG topics areas. For further information on agreements that are outstanding / under discussion and for which the Applicants and AW are working to address 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
AW Asset Protection	Agreed
Protective Provisions	Agreed
Connections to public sewerage network.	Agreed

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2 Statement of Common Ground

12. **Table 2** below provides an overview of meetings and correspondence undertaken with AW regarding this SoCG.

Table 2 Summary of consultation with AW regarding this SoCG

Date	Contact Type	Topic
Post-Application		
22nd July 2020	Meeting	SoCG meeting 1
7th February 2021	Meeting	SoCG meeting 2
17th February 2021	Meeting	SoCG meeting 3

13. **Table 3** presents the matters agreed or not agreed between the Applicants and AW (based on information exchanged between the Applicants and AW during the pre-application and examination phases of the applications):

Table 3 Matters agreed or not agreed between the Applicants and AW

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	Anglian Water Services Limited	Notes
AW Asset Protection						
AW-001	Impact on existing assets	There is existing water recycling infrastructure in Anglian Water's ownership within the onshore cable route. These assets are critical to enable AW to carry out its duty as a sewerage undertaker.	Agreed	Agreed	Agreed	
AW-002	Agree necessary measures prior to construction	The Applicants will agree with AW prior to construction commencing, the necessary measures to be put in place to protect AW existing assets during construction works, for which the Applicants are responsible.	Agreed	Agreed	Agreed	
Protective Provisions						
AW-101	Agreed Protective Provisions in the draft DCO	AW had provided the Applicants with specific protective provisions and these were included in the draft DCO (APP-023) as requested. The inclusion of these specific protective means AW are supportive of the wording of the	Agreed	Agreed	Agreed	

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	Anglian Water Services Limited	Notes
		protective provisions for AW included in the draft DCOs .				
AW-102	Protective Provisions and AW assets	The specific protective provisions provided by AW will ensure the Applicants can carry out the Projects and AW's assets are protected, and AW can continue to carry out its duty as a statutory undertaker.	Agreed	Agreed	Agreed	
Connections to water supply/public sewerage networks:						
AW-201	Connections to water supply/public sewerage networks:	<p>The Applicants' requirements for any wastewater services for the Projects will be agreed post consent once the detailed design has been further progressed and the requirements are known.</p> <p>The Applicants' requirements for any wastewater services will relate to the onshore substations and it should be noted that the anticipated number of visiting hours staff is expected to be low.</p>	Agreed	Agreed	Agreed	
AW-202	Applications for wastewater service	AW have made the Applicants aware, and both parties have acknowledged,	Agreed	Agreed	Agreed	

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	Anglian Water Services Limited	Notes
		that should a wastewater service be required and once agreement has been reached, an application is required to deliver the necessary infrastructure as outlined in the Water Industry Act 1991.				
AW-203	Early engagement for wastewater service	AW encourage early engagement by Applicant pre-application for water supply or wastewater service. This will be crucial where the supply is for larger quantities. AW advises the Applicant to take advantage of AW's pre-application service and to give as much notice of requirements as possible.	Agreed	Agreed	Agreed	
AW-204	Engagement Plan	Both parties agree that an engagement plan would be beneficial. If the Applicants decide to connect to AW's wastewater service network, the Applicants will provide AW a high-level engagement plan setting out the process, the stages and the information to be provided in line AW's pre-application engagement process and prior to submitting a formal application.	Agreed	Agreed	Agreed	

3 Signatures

14. The above Statement of Common Ground is agreed between East Anglia TWO Limited, East Anglia ONE North Limited and Anglian Water Services Limited (AW) Limited on the day specified below.

<p>Signed: _____</p> <p>Print Name: _____</p> <p>Job Title: _____</p> <p>Date: _____</p> <p>Duly authorised for and on behalf of the Anglian Water Services Limited</p>
<p>Signed: _____</p> <p>Print Name: _____</p> <p>Job Title: _____</p> <p>Date: _____</p> <p>Duly authorised for and on behalf of East Anglia TWO Limited</p>
<p>Signed: _____</p> <p>Print Name: _____</p> <p>Job Title: _____</p> <p>Date: _____</p> <p>Duly authorised for and on behalf of East Anglia ONE North Limited</p>