



SCOTTISHPOWER
RENEWABLES



East Anglia ONE North and East Anglia TWO Offshore Windfarms

Draft Statement of Common Ground

EDF Energy Nuclear Generation
Limited

Applicants: East Anglia ONE North Limited and East Anglia TWO Limited
Document Reference: ExA.SoCG-33.D1.V1
SPR Reference: EA1N_EA2-DWF-ENV-REP-IBR-000914

Date: November 2020
Revision: Version 01
Author: ScottishPower Renewables

Applicable to **East Anglia ONE North** and **East Anglia TWO**



Revision Summary

Rev	Date	Prepared by	Checked by	Approved by
01	02-11-20	Brian McGrellis	Ian Mackay	Richard Morris

Description of Revisions

Rev	Page	Section	Description
01	n/a	n/a	First draft SoCG issued to Examining Authority at Deadline 1



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Glossary of Acronyms

DCO	Development Consent Order
ES	Environmental Statement
HDD	Horizontal Directional Drill
SoCG	Statement of Common Ground

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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.
Horizontal directional drilling (HDD)	A method of cable installation where the cable is drilled beneath a feature without the need for trenching.
Landfall	The area (from Mean Low Water Springs) where the offshore export cables would make contact with land, and connect to the onshore cables.
National electricity grid	The high voltage electricity transmission network in England and Wales owned and maintained by National Grid Electricity Transmission
Offshore export cables	The cables which would bring electricity from the offshore electrical platforms to the landfall. These cables will include fibre optic 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 EDF Energy Nuclear Generation Limited (hereafter SZB) 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. SZB is owner and operator of the Sizewell B Nuclear Power Station.
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 SZB. Topic specific matters agreed, not agreed and actions to resolve matters between the Applicants and SZB are included within this SoCG.
4. **Table 3** presented below represent the SoCG with the Applicants and SZB in respect of the following topics:
 - Marine Geology, Oceanography and Physical Processes;
 - Infrastructure and Other Users;
 - Transport and Traffic;
 - Nuclear Safety and Security; and
 - Draft Development Consent Order (DCO).
5. Throughout the SoCG the phrase “Agreed” identifies any point of agreement between the Applicants and SZB. The phrase “Not Agreed” identifies any point that is not yet agreed between the Applicants and SZB.
6. The matters considered within this SoCG apply only to SZB interests which comprises the operation, maintenance and security of the Sizewell B Nuclear Power Station, the centre of which is located approximately 1.1km from the Projects DCO limits at the closest point*.
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

* Approximate distance from Work No. 10.



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 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 SZB for each of the relevant SoCG topics areas. For further information on agreements that are outstanding / under discussion and for which the Applicants and SZB 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
Marine Geology, Oceanography and Physical Processes	This statement relating to this topic remains under discussion between the parties.
Infrastructure and Other Users	This statement relating to this topic remains under discussion between the parties.
Transport and Traffic	The statements relating to this topic remain under discussion between the parties.
Nuclear Safety and Security	This statement relating to this topic remains under discussion between the parties.
Draft Development Consent Order (DCO)	The statements relating to this topic remain under discussion between the parties.
Other Matters as Required	The statements relating to this topic remain under discussion between the parties.



2 Statement of Common Ground

12. *Error! Reference source not found.* below provides an overview of meetings and correspondence undertaken with SZB regarding this SoCG.

Table 2 Summary of consultation with SZB regarding this SoCG

Date	Contact Type	Topic
24 th June 2020	Meeting	SoCG meeting 1
28 th August 2020	Meeting	SoCG meeting 2

13. **Table 3** presents the matters agreed or not agreed between the Applicants and SZB (based on discussions and information exchanged between the Applicants and SZB during the pre-application and examination phases of the applications), in relation to the following matters:

- Marine Geology, Oceanography and Physical Processes (*as presented within **Chapter 7 Marine Geology, Oceanography and Physical Processes** of the Environmental Statement (ES) (APP-055)*);
- Infrastructure and Other Users (*as presented within **Chapter 17 Infrastructure and Other Users** of the ES (APP-065)*);
- Transport and Traffic (*as presented within **Chapter 26 Transport and Traffic** of the ES (APP- 074)*);
- Nuclear Safety and Security (noting the relevance of **Chapter 6 Project Description** of each ES (APP-054) which presents a description of the Projects and **Works Plans (Onshore) (AS-003)** which presents the onshore geographic extent of the Projects; and
- **Draft DCO (APP-023)** which provides the draft legislation granting development consent for the East Anglia TWO and East Anglia ONE North projects.



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

ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
Marine Geology, Oceanography and Physical Processes						
SZB-001	Coastal processes, suspended sediment concentrations and Sizewell B cooling water infrastructure	<p>The Applicants have committed to install the offshore export cables at the landfall across the shallow sub-tidal and intertidal areas by trenchless technique (such as horizontal directional drilling (HDD)), and have identified a likely punch out area to the south west or south of the visible Coralline Crag formation that is ca. 3.5km south of the Sizewell B cooling water infrastructure (as shown on Figure 7.7 Offshore Cable Corridor and Landfall (APP-109) of the ES.</p> <p>This significantly reduces the potential for impacts on local coastal processes.</p>	Agreed	Agreed	Not Agreed – under discussion	<p>SZB can agree this statement subject to:</p> <ul style="list-style-type: none"> The inclusion of a commitment in the draft DCO (APP-023) to locate the trenchless technique 'Punch Out' in the area shaded blue and referred to as the "Offshore Zone Suitable for HDD Punch Out" on Figure 7.7 Offshore Cable Corridor and Landfall (APP-109) of the ES; Maintain a 100m buffer around the Coralline Crag formation as shown in Figure 7.7 Offshore Cable Corridor and Landfall (APP-109) of the ES; and Amendment to Requirement 13 of the draft DCO (APP-023) to require consultation with EDF Energy Nuclear Generation Limited in the preparation and approval of the Landfall Construction Method



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
						Statement for the construction of Work No. 6. The Applicants are discussing this matter with SZB.
Infrastructure and Other Users						
SZB-101	Interaction with Sizewell B water cooling infrastructure	The Order limits associated with the offshore cable corridor are routed to maintain an acceptable, minimum separation distance of at least 500m from the Sizewell B cooling water structures and reduces the risk of suspended sediment.	Agreed	Agreed	Not Agreed – under discussion	SZB advise that there remains uncertainty as to whether the Projects' Order limits overlap with the SZB tidally restricted shallow water area defined within a southern boundary at 52° 11' 15.619" N and an eastern boundary at 01° 38' 55.478" E (with the western boundary being the coast). If there is overlap between the Order limits and the tidally restricted shallow water area, SZB will seek restrictions on vessel movements to protect SZB from turbidity. The Applicants will confirm the Order limits relative to the SZB tidally restricted shallow water area.



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
Transport and Traffic						
SZB-201	Interactions at Sizewell Gap and junction with St Georges Avenue	The Rights sought by the Applicants in the Book of Reference (APP-028) for works on Sizewell Gap (i.e. Land Plots 17, 18, 19, 20 and 21 relating to Works No. 10; and Land Plots 32 and 33 relating to Works No. 15) do not materially conflict with the operation of the Sizewell B Nuclear Power Station.	Agreed	Agreed	Not agreed – under discussion	<p>SZB note that Sizewell Gap provides the sole means of access to SZB for operational, safety, security and emergency purposes and consider that it must be available for uninterrupted use for SZB on a continuous basis.</p> <p>The Applicants have sought comment from SZB on a draft Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1). SZB will consider its position on review of the Outline Sizewell Gap Construction Method Statement submitted at Deadline 1.</p> <p>SZB seek confirmation that details within the Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1) will be subject to consultation and agreement with SZB.</p> <p>The Applicants do not consider this degree of control appropriate given the minimal works being undertaken on the</p>



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
						<p>public highway at Sizewell Gap (creation of accesses and vegetation management) and considering the measures adopted within the Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1) to avoid or minimise the extent of works on Sizewell Gap.</p> <p>The Applicants are discussing this matter with SZB.</p>
SZB-202	Interactions at Sizewell Gap and junction with St Georges Avenue	The Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1) presents sufficient details on the nature of the works to be undertaken on Sizewell Gap at this stage of the Projects.	Agreed	Agreed	Not agreed – under discussion	<p>SZB can agree this statement subject to Protective Provisions being agreed and provision for SZB to agree the Projects' Method Statements for works on Sizewell Gap which confirm that there will be no interruption to services (water, telecommunications, power supply) to SZB.</p> <p>The Applicants note that services within Sizewell Gap are public services and that as per the Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1)</p>



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
						<p>there is no intention for the Projects to connect to Services on Sizewell Gap.</p> <p>The Applicants will include further details on measures to protect existing services within Sizewell Gap or its verge that serve SZB within the final Sizewell Gap Construction Method Statement.</p> <p>The Applicants do not consider Protective Provisions or approval of method statements by SZB to be appropriate given the minimal works being undertaken on the public highway at Sizewell Gap (creation of accesses and vegetation management) and considering the measures adopted within the Outline Sizewell Gap Construction Method Statement (document reference ExA.AS-21.D1.V1) to avoid or minimise the extent of works on Sizewell Gap.</p> <p>The Applicants confirm that the Outline Code of Construction Practice (APP-578) will be updated at Deadline 3 and will include principles to be followed by</p>



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
						the Applicants when working around 400kV overhead lines.
Nuclear Safety and Security						
SZB-301	Suffolk County Council - Sizewell Off Site Emergency Plan	The Applicants will continue to liaise with the Suffolk Joint Emergency Planning Unit to ensure that appropriate updates are made to the Sizewell Off Site Emergency Plan (prepared by the Suffolk Joint Emergency Planning Unit on behalf of Suffolk County Council / Suffolk Resilience Forum) to accommodate the construction, operation and decommissioning of the Projects.	Agreed	Agreed	Not agreed – under discussion	SZB advise that this statement can be agreed subject to agreement on how this is secured. The Applicants are discussing this matter with the Suffolk Joint Emergency Planning Unit.
Draft Development Consent Order						
SZB-401	Wording of Requirement(s)	The wording of Requirement 13 of the draft DCO (APP-023) with respect to a landfall construction method statement is appropriate and adequate.	Agreed	Agreed	Not agreed – under discussion	As per SZB-001, SZB seek: <ul style="list-style-type: none"> The inclusion of a commitment in the draft DCO (APP-023) to locate the trenchless technique 'Punch Out' in the area shaded blue and referred to as the "Offshore Zone Suitable for HDD Punch Out" on Figure 7.7



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
						<p>Offshore Cable Corridor and Landfall (APP-109) of the ES;</p> <ul style="list-style-type: none"> Maintain a 100m buffer around the Coralline Crag formation as shown in Figure 7.7 Offshore Cable Corridor and Landfall (APP-109) of the ES; and Amendment to Requirement 13 of the draft DCO (APP-023) to require consultation with EDF Energy Nuclear Generation Limited in the preparation and approval of the Landfall Construction Method Statement for the construction of Work No. 6. <p>As per SZB-101, SZB wait confirmation from the Applicants as to whether the SZB tidally restricted shallow water area is encroached by the Projects' Order limits.</p> <p>The Applicants are discussing these matters with SZB.</p>



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
SZB-402	Wording of Requirement(s)	The wording of Requirement 28 with respect to traffic management provided within the draft DCO (APP-023) (and supporting certified documents) with reference to development of a construction traffic management plan is appropriate and adequate.	Agreed	Agreed	Not agreed – under discussion	<p>The Applicants are in discussion with Suffolk County Council, regarding arrangements for highway maintenance during construction of the Projects, and in particular the Projects' contribution to highway repairs caused by the Projects' construction vehicles.</p> <p>Subject to agreement with Suffolk County Council on this matter, the Outline Construction Traffic Management Plan (APP-586) will be updated at Deadline 3 to reflect any agreed mechanisms.</p> <p>SZB will review its position on review of the updated Outline Construction Traffic Management Plan (APP-586).</p>
Other Matters as Required						
SZB-501	Working together	The Applicants and SZB will engage regularly with each other during design and construction of the Projects so that any interface between the projects can be considered at an early stage, recognising it is in the interests of	Agreed	Agreed	Not agreed – under discussion	SZB will review its position on confirmation of arrangements for the sharing of programme information.



ID	Topic	Statement	East Anglia TWO Limited Position	East Anglia ONE North Limited Position	EDF Nuclear Generation Limited (SZB) Position on the Projects	Notes
		the Applicants and SZB as well as the wider community that all projects be coordinated as far as reasonably practicable.				
SZB-502	Connection of the Projects to the national electricity grid	The National Grid Electricity System Operator will liaise directly with SZB under the existing Generic Method Reports agreement between the National Grid Electricity System Operator and all nuclear plant operators in the UK, to ensure that SZB has the necessary information on the Projects connection to the national electricity grid.	Agreed	Agreed	Not agreed – under discussion	SZB is clarifying their involvement in the Generic Method Reports agreement. SZB and the Applicants are discussing this matter.



3 Signatures

14. The above Statement of Common Ground is agreed between East Anglia TWO Limited, East Anglia ONE North Limited and EDF Energy Nuclear Generation Limited on the day specified below.

Signed: [To be signed on submission of final SoCG at Deadline 8]

Print Name: _____

Job Title: _____

Date: _____

Duly authorised for and on behalf of the **EDF Energy Nuclear Generation Limited**

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**