



SCOTTISHPOWER  
RENEWABLES

# East Anglia ONE North and East Anglia TWO Offshore Windfarms

## Statement of Common Ground

Trinity House (TH)

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 |
|-----|------------|----------------|------------------------------|-------------|
| 001 | 09/06/2020 | Paolo Pizzolla | Julia Bolton / Ian Mackay    | Rich Morris |
| 002 | 13/01/2021 | Paolo Pizzolla | Julia Bolton / Ian Mackay    | Rich Morris |
| 003 | 03/02/2021 | Paolo Pizzolla | Lesley Jamieson / Ian Mackay | Rich Morris |
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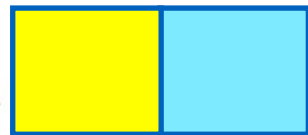
### Description of Revisions

| Rev | Page | Section | Description                                    |
|-----|------|---------|--|
| 001 | n/a  | n/a     | First draft SoCG issued to Examining Authority |
| 002 | n/a  | n/a     | Second draft for submission at Deadline 4      |
| 003 | n/a  | n/a     | Third draft for submission at Deadline 5       |
| 004 | n/a  | n/a     | Final SoCG for submission at Deadline 8        |



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## Glossary of Acronyms

|      |                                 |
|------|---------------------------------|
| DCO  | Development Consent Order       |
| DML  | Deemed Marine Licence           |
| DTS  | Distributed Temperature Sensing |
| EIA  | Environmental Impact Assessment |
| ES   | Environmental Statement         |
| ETG  | Expert Topic Group              |
| MHWS | Mean High Water Springs         |
| MMO  | Marine Management Organisation  |
| PINS | Planning Inspectorate           |
| SoCG | Statement of Common Ground      |
| TH   | Trinity House                   |
| WTG  | Wind Turbine Generator          |

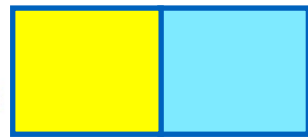


## Glossary of Terminology

|   |   |
|---|---|
| Applicants  | East Anglia TWO Limited / East Anglia ONE North Limited   |
| Construction, operation and maintenance platform      | A fixed offshore structure required for construction, operation, and maintenance personnel and activities.  |
| 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 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 / East Anglia ONE North windfarm site | The offshore area within which wind turbines and offshore platforms will be located.  |
| Evidence Plan Process                                 | A voluntary consultation process with specialist stakeholders to agree the approach to the EIA and the information required to support HRA.   |
| Generation Deemed Marine Licence (DML)                | The deemed marine licence in respect of the generation assets set out within Schedule 13 of the draft DCO.  |
| 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.   |
| Landfall  | The area (from Mean Low Water Springs) where the offshore export cables would make contact with land and connect to the onshore cables.   |
| Offshore cable corridor                               | This is the area which will contain the offshore export cables between offshore electrical platforms and landfall.  |
| Offshore development area                             | The East Anglia TWO / East Anglia ONE North windfarm site and offshore cable corridor (up to Mean High Water Springs).  |
| Offshore electrical platform                          | A fixed structure located within the windfarm area, containing electrical equipment to aggregate the power from the wind turbine generators 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 platforms                                    | A collective term for the construction, operation and maintenance platform and the offshore electrical platforms.   |
| Platform link cable                                   | Electrical cable which links one or more offshore platforms, these cables will include fibre optic cables.  |
| Safety zone   | A marine area declared for the purposes of safety around a renewable energy installation or works / construction area under the Energy Act 2004.  |
| Scour protection                                      | Protective materials to avoid sediment being eroded away from the base of the foundations as a result of the flow of water.   |



|                  |  |
|------------------|--|
| Transmission DML | The deemed marine licence in respect of the transmission assets set out within Schedule 14 of the draft DCO. |
|------------------|--|



# 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 Trinity House (TH). 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 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 interest to TH on the Applications. Topic specific matters agreed and not agreed between the Applicants and TH are included within this SoCG.
4. Throughout the SoCG the phrase “Agreed” identifies any point of agreement between the Applicants and TH.
5. The phrase “Not Agreed” identifies any point that is not yet agreed between the Applicants and TH. The notes column of the SoCG tables provides commentary on these matters.
6. The tables in **section 2.1** are based upon discussions and information exchanged between the Applicants and TH during the pre-application and examination phases of the application regarding **Shipping and Navigation**.

## 1.2 The Development

7. 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 between 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 (met mast) and its associated foundations for monitoring wind speeds during the operational phase of the windfarm.
8. 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 onshore substation and National Grid substation;
9. 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

10. **Table 1.1** provides a summary of the matters agreed, not agreed and those which are outstanding between the Applicants and TH for each of the relevant receptor topics. For further information on agreements, see the detailed agreement **Table 2.2**.

**Table 1.1 Summary of Areas Agreed, Not Agreed or those which are Outstanding for Receptor Topic Areas Raised by TH**

| Topic                   | Agreed, Not Agreed or Outstanding |
|-------------------------|-----------------------------------|
| Shipping and Navigation | Agreed                            |





| Topic                     | Agreed, Not Agreed or Outstanding |
|---------------------------|-----------------------------------|
| Development Consent Order | Agreed                            |



## 2 Statement of Common Ground

11. The areas of agreement and disagreement between the Applicants and TH are set out below.

### 2.1 Shipping and Navigation

12. Each project has the potential to impact upon shipping and navigation. **Chapter 14 Shipping and Navigation** of the Environmental Statement (ES) (APP-062) provides an assessment of the significance of these impacts.
13. **Table 2.1** provides an overview of meetings and correspondence undertaken with TH regarding shipping and navigation.
14. **Table 2.2** provides areas of agreement and disagreement with TH regarding shipping and navigation.
15. Further details on the stakeholder engagement process for shipping and navigation can be found in the Consultation Report (APP-029).

**Table 2.1 Summary of Consultation with TH regarding Shipping and Navigation**

| Date                           | Contact Type  | Topic   |
|--------------------------------|---------------|---|
| <b>Pre-Application</b>         |               |   |
| 28 <sup>th</sup> April 2018    | Meeting       | EA2/EA1N Project Introduction meeting.  |
| 7 <sup>th</sup> March 2019     | Briefing Note | Agreement sought on need for additional hazard workshop following East Anglia TWO reverting to a maximum of 75 x 250m turbines plus platforms and met mast. |
| 17 <sup>th</sup> March 2019    | Meeting       | Project updates including stakeholder engagement, with discussion around shipping and navigation.   |
| <b>Post-Application</b>        |               |   |
| 18 <sup>th</sup> February 2020 | Meeting       | To discuss agreements in the SoCG   |
| 12 <sup>th</sup> March 2020    | Meeting       | Second meeting to discuss agreements in the SoCG.   |
| 21 <sup>st</sup> May 2020      | Meeting       | Third meeting to discuss agreements in SoCG.  |
| 7 <sup>th</sup> January 2021   | Meeting       | Fourth meeting to discuss agreements in SoCG.   |
| 28 <sup>th</sup> January 2021  | Meeting       | Fifth meeting to discuss agreements in SoCG.  |

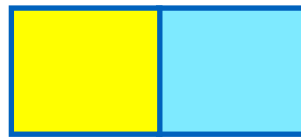


Table 2.2 Shipping and Navigation

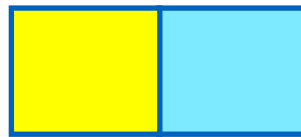
| ID                                     | Topic                  | Statement   | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | TH position | Notes |
|--|------------------------|---|----------------------------------|--|-------------|-------|
| <b>Environmental Impact Assessment</b> |                        |   |                                  |  |             |       |
| TH 101                                 | Existing Environment   | Sufficient survey data has been collected to inform the assessment.   | Agreed                           | Agreed                                 | Agreed      | None  |
| TH 102                                 | Assessment Methodology | The impact assessment methodologies used for the EIA provide an appropriate approach to assessing potential impacts of the project. | Agreed                           | Agreed                                 | Agreed      | None  |
|  |                        | The worst case scenario presented in the assessment is appropriate.   | Agreed                           | Agreed                                 | Agreed      | None  |
| TH 103                                 | Assessment Conclusions | The assessment is appropriate and has reached acceptable results.   | Agreed                           | Agreed                                 | Agreed      | None  |
|  |                        | The assessment of cumulative impacts has reached acceptable results.  | Agreed                           | Agreed                                 | Agreed      | None  |
| TH 104                                 | Mitigation             | Given the impacts of the project, the proposed  | Agreed                           | Agreed                                 | Agreed      | None  |



| ID   | Topic   | Statement  | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | TH position | Notes  |
|--|---|--|----------------------------------|--|-------------|--|
|  |   | mitigation outlined in the Offshore Schedule of Mitigation (APP-574) and section 14.3.3 of ES Chapter 14 Shipping and Navigation (APP-052) is appropriate.   |                                  |  |             |  |
| <b>Draft Development Consent Order (DCO)</b> |   |  |                                  |  |             |  |
| TH 105                                       | Wording of Deemed Marine Licence (DML) Requirement(s) and Conditions and DCO Requirement(s) | <p>The wording of the following requirements and conditions and requirements pertaining to shipping and navigation are appropriate and adequate:</p> <ul style="list-style-type: none"> <li>• Conditions 11 and 12 of the Generation DML and Conditions 7 and 8 of the Transmission DML with reference to aids to navigation</li> <li>• Condition 17(1)(i) of the Generation DML and Condition 13(1)(i) of the Transmission DML with reference to the aids to</li> </ul> | Agreed                           | Agreed                                 | Agreed      | <p>The inclusion of the Layout Principles Statement within condition 17(1)(a)(x) of the Generation DML is Agreed on the basis of the of the Condition as set out below.</p> <p>Condition 17(1)(a)(x) of the Generation DML was updated in the draft DCO submitted at Deadline 8.</p> <p><b>Condition:</b> 17(1)(a)(x) the proposed layout of all wind turbine generators (to be in accordance with the layout principles statement and which must accord with the recommendations for layout contained in MGN543 and</p> |



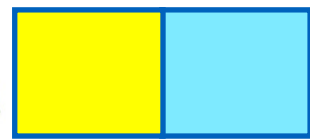
| ID | Topic | Statement   | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | TH position | Notes  |
|----|-------|---|----------------------------------|--|-------------|--|
|    |       | <p>navigation management plan</p> <ul style="list-style-type: none"> <li>Condition 17(1)(a) of the Generation DML and Condition 13(1)(a) of the Transmission DML with reference to the design plan</li> <li>Condition 17(1)(a)(x) of the Generation DML with reference to the proposed layout of all wind turbine generators;</li> <li>Condition 17(1)(d)(ii)(bb) of the Generation DML and Condition 13(1)(d)(ii)(bb) of the Transmission DML with reference to the cable laying plan</li> <li>Condition 10 of the Generation DML and Condition 6 of the Transmission DML with reference to notifications and inspections</li> <li>Conditions 21 and 22 of the Generation DML and</li> </ul> |                                  |  |             | <p><i>its annexes), offshore electrical platforms, the construction, operation and maintenance platform and meteorological mast including any exclusion zones identified under condition 17(1)(g)(iv);</i></p> |



| ID | Topic | Statement   | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | TH position | Notes |
|----|-------|---|----------------------------------|--|-------------|-------|
|    |       | <p>Conditions 17 and 18 of the Transmission DML with reference to construction and post construction traffic monitoring</p> <ul style="list-style-type: none"> <li>Requirement 10 within DCO Schedule 1, Part 3 with reference to the decommissioning programme and Paragraph 3(1)(a) of Schedule 16 with reference to Appeals and the rights given to the Applicant to appeal a decision on the decommissioning plan.</li> <li>Condition 20 of the Generation DML and Condition 16 of the Transmission DML with reference to Pre-construction monitoring and surveys</li> <li>Article 37(1) with reference to Arbitration</li> </ul> |                                  |  |             |       |

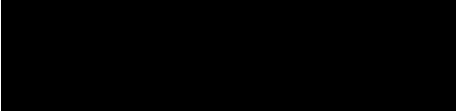
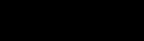




| ID                               | Topic                    | Statement   | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | TH position | Notes |
|----------------------------------|--------------------------|---|----------------------------------|--|-------------|-------|
|                                  |                          | <ul style="list-style-type: none"> <li>Condition 13(1)(d)(ii)(dd) of the Transmission DML</li> </ul>  |                                  |  |             |       |
| <b>Other Matters as Required</b> |                          |   |                                  |  |             |       |
| TH 106                           | 'Order Limits' GIS files | The Order Limits GIS files will be issued to TH whenever they change  | Agreed                           | Agreed                                 | Agreed      | None  |
| TH 107                           | Layout Principles        | The windfarm layout approved by the MMO in consultation with the MCA and Trinity House, through the design plan, will be designed in accordance with the layout principles statement and which must accord with the recommendations for layout contained in MGN543 and its annexes as secured in Condition 17(1)(a)(x) of the Generation DML. | Agreed                           | Agreed                                 | Agreed      | None  |



### 3 Signatures

16. The above Statement of Common Ground is agreed between the Applicants and Trinity House on the day specified below.

|  |
|--|
| <p>Signed: </p> <p>Print Name: </p> <p>Job Title: _____ Navigation (Examiner) Manager _____</p> <p>Date: _____ 25th March 2021 _____</p> <p>Duly authorised for and on behalf of Trinity House</p> |
| <p>Signed: _____</p> <p>Print Name: </p> <p>Job Title: Senior Project Manager</p> <p>Date: _____ 25th March 2021 _____</p> <p>Duly authorised for and on behalf of <b>EAST ANGLIA TWO LIMITED</b></p>   |
| <p>Signed: _____</p> <p>Print Name: </p> <p>Job Title: Senior Project Manager</p> <p>Date: _____ 25th March 2021 _____</p> <p>Duly authorised for and on behalf of <b>EAST ANGLIA ONE NORTH LIMITED</b></p>   |