



SCOTTISHPOWER
RENEWABLES



East Anglia ONE North and East Anglia TWO Offshore Windfarms

Draft Statement of Common Ground

National Grid Ventures

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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|------------------|------------|-----------------|-----------------------------|-------------|
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Table of Contents

| | | |
|----------|-------------------------------------------------------|-----------|
| 1 | Introduction | 1 |
| 1.1 | Background | 1 |
| 1.2 | The Development | 2 |
| 1.3 | Summary of Agreed, Not Agreed and Outstanding Matters | 3 |
| 2 | Statement of Common Ground | 4 |
| 2.1 | Interaction at the National Grid Substation | 4 |
| 3 | Signatures | 12 |
| | Appendix 1: Figures | 13 |



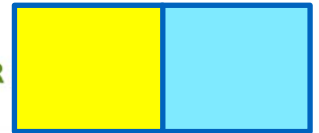
Glossary of Acronyms

| | |
|--------|-------------------------------------------|
| DCO | Development Consent Order |
| ES | Environmental Statement |
| ExA | Examining Authority |
| NG-ESO | National Grid Electricity System Operator |
| NGET | National Grid Electricity Transmission |
| NGV | National Grid Ventures |
| OLMP | Outline Landscape Mitigation Plan |
| PD | Procedural Decision |
| SoCG | Statement of Common Ground |



Glossary of Terminology

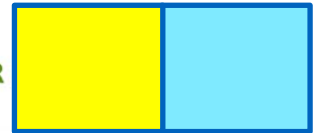
| | |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 the 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 the National Grid infrastructure. |
| 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. |
| National Grid Electricity System Operator | A legally separate business within the National Grid Group responsible for operating the national electricity grid. |
| National Grid Electricity Transmission | A legally separate business within the National Grid Group which owns, builds, operates and maintains the national electricity grid in England and Wales. |
| 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 project / East Anglia ONE North project Development Consent Order comprising Work Nos. 34, and 38 to 43 but will be National Grid Electricity Transmission owned assets. |
| 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 Electricity Transmission but is being consented as part of the proposed East Anglia TWO project / East Anglia ONE North project Development Consent Order comprising Work No. 41. |
| Onshore cables | The cables which would transmit 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 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 project / East Anglia ONE North project substation and all of the electrical equipment within the onshore substation and connecting to the National Grid infrastructure. |



1 Introduction

1.1 Background

1. This document is applicable to both the East Anglia ONE North and East Anglia TWO 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 (ExA) 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. This Statement of Common Ground (SoCG) has been prepared by East Anglia TWO Limited, East Anglia ONE North Limited (the Applicants) and National Grid Ventures (NGV). 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.
3. 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.
4. This SoCG has been structured to reflect topics of the Applications which are of interest to NGV. Topic specific matters agreed, not agreed and actions to resolve matters between the Applicants and NGV are included within this SoCG.
5. The tables presented below represent the SoCG with the Applicants and NGV in respect of the following topics:
 - Interaction at the National Grid Substation; and
 - Development Consent Order.
6. Throughout the SoCG the phrase "Agreed" identifies any point of agreement between the Applicants and NGV. The phrase "Not Agreed" identifies any point that is not yet agreed between the Applicants and NGV.
7. NGV is a separate business from National Grid's core regulated businesses of National Grid Electricity Transmission plc (NGET) and National Grid Electricity System Operator Limited (NG-ESO). The matters considered within this SoCG apply only to NGV's interests (on behalf of National Grid Interconnector Holdings Limited) in relation to the interaction of the proposed Nautilus interconnector project and the proposed EuroLink interconnector project, at the National Grid substation. Matters that are not yet agreed will be the subject of ongoing discussion between the Applicants and NGV 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.

1.2 The Development

8. The East Anglia TWO project and East Anglia ONE North project will each comprise the following key offshore components:

- 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 East Anglia TWO project and East Anglia ONE North project will each comprise the following key onshore components:

- 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 NGV for each of the relevant SoCG topics areas. For further information on agreements that are outstanding / under discussion and for which the Applicants and NGV 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 |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interaction at the National Grid Substation | <p>Notwithstanding any matters which may arise during Examination which may prompt a review of this SoCG, at the time of submission of this draft SoCG (Revision 01) to the Projects' Examination at Deadline 1, agreement has been reached on how the Applicants and NGV will share construction information and engage regularly to coordinate projects as far as reasonably practicable, recognising it is in the interests of the Applicants and NGV as well as the wider community that all projects be coordinated.</p> <p>There are no outstanding matters of disagreement within this draft SoCG (Revision 01) at the time of writing.</p> |
| DCO | <p>Notwithstanding any matters which may arise during Examination which may prompt a review of this SoCG, at the time of submission of this draft SoCG (Revision 01) to the Projects' Examination at Deadline 1, all relevant DCO matters relating to the Applicants' projects are agreed between the Applicants and NGV.</p> |



2 Statement of Common Ground

12. A summary of the consultation undertaken to date with NGV and the matters agreed or not agreed between the Applicants and NGV (based on discussions and information exchanged between the Applicants and NGV during the pre-application and post-application phases of the Applications) are set out below for each of the SoCG topic areas.

2.1 Interaction at the National Grid Substation

13. NGV is proposing to develop two separate interconnector projects, Nautilus and EuroLink. The National Grid substation (for which the Applicants are seeking DCO consent) has been identified by the National Grid Electricity System Operator as the potential future point of connection to the national electricity grid for Nautilus and EuroLink, in accordance with their agreements with the National Grid Electricity System Operator. In order to facilitate grid connection(s) at the National Grid substation for NGV's Nautilus and/or EuroLink projects, future extensions to the National Grid substation would be required within the areas shown in Figure 1, Appendix 1. Any such works required to accommodate the NGV Nautilus and EuroLink projects connecting to the National Grid substation would be subject to NGV and/or National Grid obtaining the necessary consents for such works at the appropriate time. The East Anglia TWO project and East Anglian ONE North project are only seeking consent for the works necessary to connect their respective projects to the national electricity grid.
14. **Table 2** provides an overview of consultation undertaken with NGV during the pre-application and post application-stages of the Applicants' DCO Applications. Further details on stakeholder engagement undertaken can be found in the **Consultation Report** (APP-029).

Table 2 Summary of consultation with NGV regarding interaction at the National Grid substation

| Date | Contact Type | Topic |
|--------------------------------|--------------|-----------------------------------|
| Pre-Application | | |
| 31 st May 2018 | Meeting | Projects update with NGV and NGET |
| 2 nd July 2018 | Meeting | Projects update with NGV and NGET |
| 4 th September 2018 | Meeting | Projects update with NGV and NGET |
| 4 th October 2018 | Meeting | Projects update with NGV and NGET |
| 11 th December 2018 | Meeting | Projects update with NGV and NGET |



| Date | Contact Type | Topic |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14 th March 2019 | Consultation response to the Applicants' Phase 4 (Section 42) consultations on the proposed East Anglia ONE North project and East Anglia TWO project. | NGV's consultation responses set out the background to NGV, the proposed Nautilus and EuroLink Interconnector projects and NGV's position at that time. |
| Post-Application | | |
| 27 th January 2020 | Consultation responses to the Planning Inspectorate's Section 56 consultations on the proposed East Anglia TWO project and East Anglia ONE North project. | NGV's consultation responses set out the background to the proposed Nautilus and EuroLink Interconnector projects and NGV's interest in the Applicants' DCO Applications. |
| 20 th March 2020 | Meeting | SoCG meeting 1 |
| 2 nd April 2020 | Meeting | SoCG meeting 2 |
| 3 rd June 2020 | Meeting | SoCG meeting 3 |
| 2 nd September 2020 | Meeting | SoCG meeting 4 |

15. **Table 3** presents the matters agreed or not agreed in relation to interaction at the National Grid substation.



Table 3 Interaction at the National Grid Substation

| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|----------------------------------------------------|--------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------|
| Interaction at the National Grid Substation | | | | | | |
| NGV-001 | Connection to the National Grid Substation | <p>The National Grid substation (for which the Applicants are seeking DCO consent) has been identified by the National Grid Electricity System Operator as the future potential point of connection to the national electricity grid for NGV's Nautilus and EuroLink projects (in line with their grid connection agreements with NG-ESO) subject to the necessary consents being obtained.</p> <p>At the date of this SoCG neither the Nautilus or EuroLink projects are at a sufficient stage of project definition to confirm whether the National Grid substation will present a viable option for their connection to the national electricity grid. However, the Applicants and NGV recognise there are benefits in ensuring that the design of the East Anglia TWO project and East Anglia ONE North project does not unnecessarily limit or restrict the opportunity for the Nautilus and EuroLink projects to connect to the national electricity grid at the National Grid substation.</p> | Agreed | Agreed | Agreed | None |



| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|---------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------|
| NGV-002 | Connection to the National Grid Substation | At this early stage of the Nautilus and EuroLink project design, the location and extent of the onshore substations (as shown on the Works Plans (AS-003)) and outline landscaping design as shown in Environmental Statement (ES) Figure 29.11a - Outline Landscape Mitigation Plan (OLMP) General Arrangement (APP-401) , is not anticipated to prevent the potential future extension of the National Grid substation (within the areas shown in Figure 1, Appendix 1) to accommodate the connection of NGV's Nautilus and EuroLink projects to the national electricity grid. | Agreed | Agreed | Agreed | None |
| NGV-003 | Connection to the National Grid Substation | Acknowledging the early stage of the Nautilus and EuroLink project designs and the constraints presented by the onshore substations and outline landscaping design (ES Figure 29.11a - Outline Landscape Mitigation Plan (OLMP) General Arrangement (APP-401)) the capacity remains for NGV's Nautilus and EuroLink projects to route cabling in the delivery of the Nautilus and EuroLink projects to the extended National Grid substation subject to the NGV projects securing the necessary consents, associated land and rights. | Agreed | Agreed | Agreed | None |



| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|---------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------|
| NGV-004 | Cumulative Impact Assessment | <p>The Nautilus and EuroLink interconnector projects are at early stages of development and at the time of submission of the East Anglia TWO project and East Anglia ONE North project DCO Applications, NGV are satisfied in review of the information supplied by the Applicants and in the absence of an EIA scoping opinion for both the Nautilus and EuroLink interconnector projects, that they are not sufficiently defined to have been taken into account in the East Anglia TWO project and East Anglia ONE North project cumulative impact assessments.</p> <p>This approach is in accordance with The Planning Inspectorate Advice Note 17 (Planning Inspectorate 2018).</p> | Agreed | Agreed | Agreed | None |
| NGV-005 | Land Rights | <p>Through the East Anglia TWO project and East Anglia ONE North project DCOs, the Applicants are seeking the powers to compulsory acquire land and rights in land in respect of land that the Applicants have identified as being solely required for the development of the East Anglia TWO project and East Anglia ONE North project.</p> <p>NGV recognise that should it seek powers to compulsory acquire land and rights in land to facilitate connections to the national electricity</p> | Agreed | Agreed | Agreed | None |



| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|----------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------|
| | | <p>grid for the Nautilus and EuroLink interconnector projects at the National Grid substation:</p> <ul style="list-style-type: none"> Where the National Grid infrastructure is in place prior to NGV's future DCO application(s) being submitted, the land and rights sought by NGV are not anticipated to relate to the National Grid substation (but would include land and rights relating to any future extension(s) of the National Grid substation); or Where the National Grid infrastructure is not in place prior to NGV's future DCO application(s) being submitted, the land and rights sought by NGV are not anticipated to relate to the construction and use of works to secure the National Grid infrastructure in a similar manner to that identified by the Applicants, and including the additional land and rights necessary for connecting the NGV project(s) to the National Grid substation. | | | | |
| Draft Development Consent Order (DCO) | | | | | | |
| NGV-006 | Requirement 38 | Recognising that the National Grid infrastructure may be included within the DCO application(s) submitted by NGV in respect of the Nautilus and EuroLink projects, Requirement 38 of the | Agreed | Agreed | Agreed | None |



| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|----------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|--------------------------------------------------------------------------------|
| | | Applicants draft DCO (APP-023) will be amended to read: <i>"Where any part of the grid connection works are being or have been constructed under another development consent order, that part of the grid connection works must not be constructed under this Order"</i> | | | | |
| Other Matters as Required | | | | | | |
| NGV-007 | Working together | Subject to NGV securing consent(s) for connection of the Nautilus and/or EuroLink interconnector projects at the National Grid substation, the Applicants will share construction programme information with NGV prior to commencement of construction and on a regular basis thereafter. | Agreed | Agreed | Agreed | Such information relating to works in and around the National Grid substation. |
| NGV-008 | Working together | Subject to NGV securing consent(s) for connection of the Nautilus and/or EuroLink interconnector projects at the National Grid substation, NGV will share construction programme information with the Applicants prior to commencement of construction and on a regular basis thereafter. | Agreed | Agreed | Agreed | Such information relating to works in and around the National Grid substation. |



| ID | Topic | Statement | East Anglia TWO Limited Position | East Anglia ONE North Limited Position | National Grid Ventures Position | Notes |
|---------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------|---------------------------------|-------|
| NGV-009 | Working together | Subject to NGV committing to connection(s) for the Nautilus and/or EuroLink interconnector projects at the National Grid substation, the Applicants and NGV will engage regularly with each other during the design and construction of their respective projects so that any interface between the projects can be considered at an early stage, recognising it is in the interests of the Applicants and NGV as well as the wider community that all projects be coordinated as far as reasonably practicable. | Agreed | Agreed | Agreed | None |



3 Signatures

16. The above Statement of Common Ground is agreed between East Anglia TWO Limited, East Anglia ONE North Limited and National Grid Ventures Limited (on behalf of National Grid Interconnector Holdings Limited) on the day specified below.

Signed: _____

Print Name: _____

Job Title: _____

Date: _____

Duly authorised for and on behalf of **National Grid Ventures Limited on behalf of National Grid Interconnector Holdings Limited**

Signed: _____

Print Name: _____

Job Title: _____

Date: _____

Duly authorised for and on behalf of **East Anglia TWO Limited**

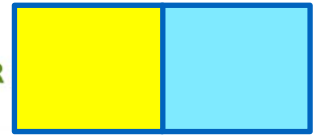
Signed: _____

Print Name: _____

Job Title: _____

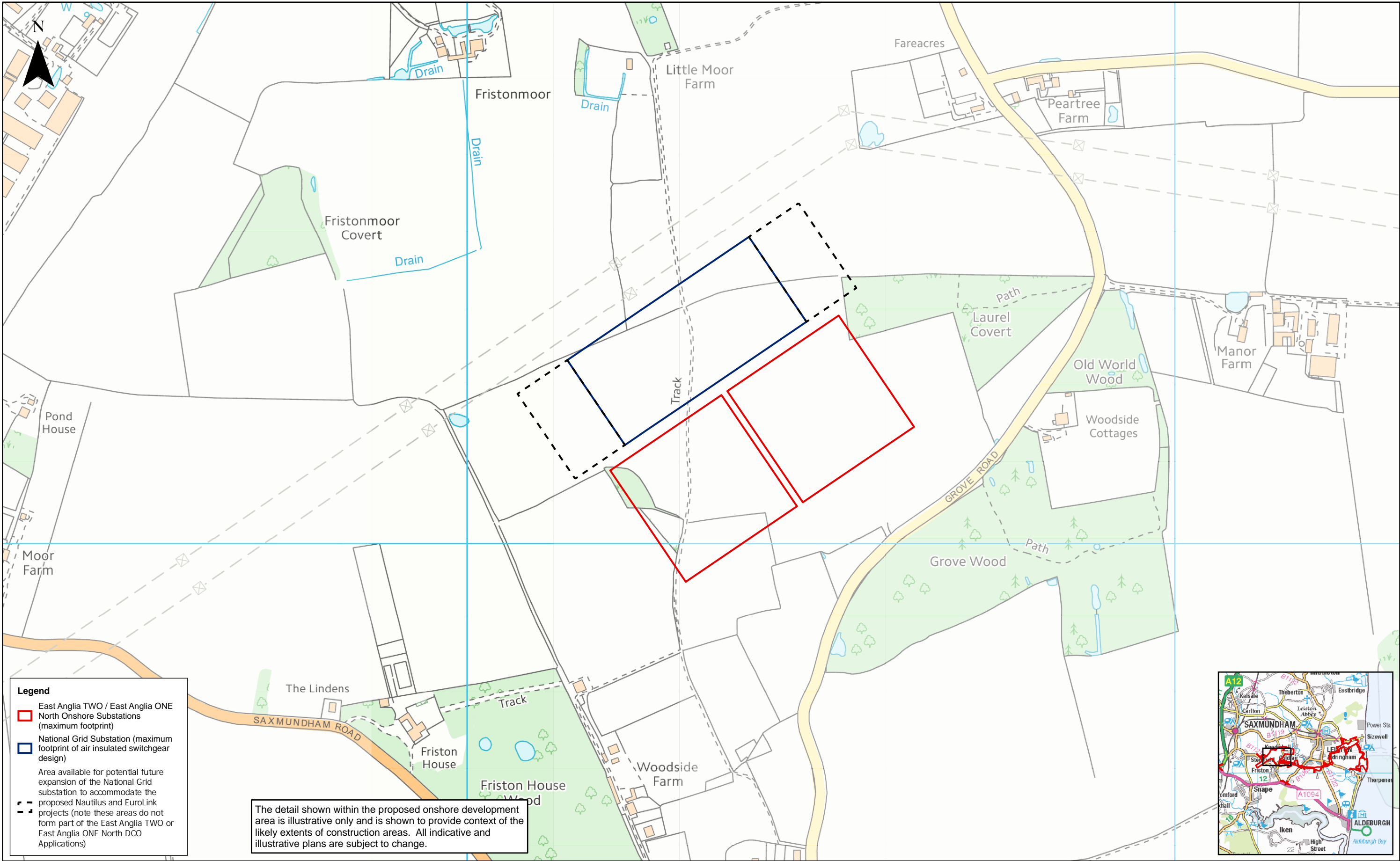
Date: _____

Duly authorised for and on behalf of **East Anglia ONE North Limited**



Appendix 1: Figures

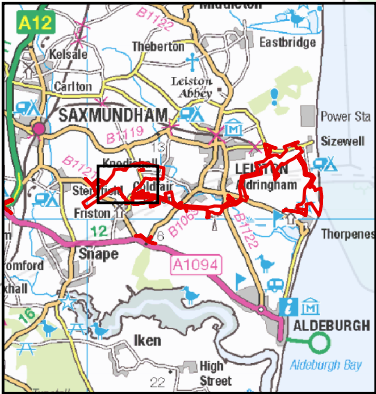
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Legend

- East Anglia TWO / East Anglia ONE North Onshore Substations (maximum footprint)
- National Grid Substation (maximum footprint of air insulated switchgear design)
- Area available for potential future expansion of the National Grid substation to accommodate the proposed Nautilus and EuroLink projects (note these areas do not form part of the East Anglia TWO or East Anglia ONE North DCO Applications)

The detail shown within the proposed onshore development area is illustrative only and is shown to provide context of the likely extents of construction areas. All indicative and illustrative plans are subject to change.



| | | | | | | | | | | | | |
|-------------------------------------------------------------------------------------|------------|-------------|-----------|----------------|------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------|-----------------------------------------------|
|  | | | | | | | 1:5,000 |  | <h1>East Anglia TWO Offshore Wind Farm</h1> <p>Area available for potential future expansion of the National Grid substation to accommodate the proposed Nautilus and EuroLink projects</p> | Drg No | EA1N_EA2-GEN-GIS-DRG-IBR-000959 | |
| | | | | | Prepared: | RB | <p><small>Source: © Crown copyright and database rights 2019. Ordnance Survey 0100031673.</small></p> <p><small>This map has been produced to the latest known information at the time of issue, and has been produced for your information only. Please consult with the SPK Onshore GIS team to ensure the content is still current before using the information contained on this map.</small></p> <p><small>To the fullest extent permitted by law, we accept no responsibility or liability (whether in contract, tort (including negligence) or otherwise in respect of any errors or omissions in the information contained in the map and shall not be liable for any loss, damage or expense caused by such errors or omissions.</small></p> | | | Rev | 1 | Coordinate System: BNG Datum: OSGB36 |
| | 1 | 06/05/2020 | RB | First Issue. | Checked: | HAH | | Date | | 06/05/20 | | |
| | Rev | Date | By | Comment | Approved: | BM | Figure | 1 | | | | |
| | | | | | | | | | | | | |