

East Anglia One North and East Anglia Two Offshore Wind - Briefing Note

Background to East Anglia Array

ScottishPower Renewables (SPR) were awarded seabed rights as part of the Crown Estate's round 3 process. Projects making landfall in East Suffolk within the existing East Anglia Zone:

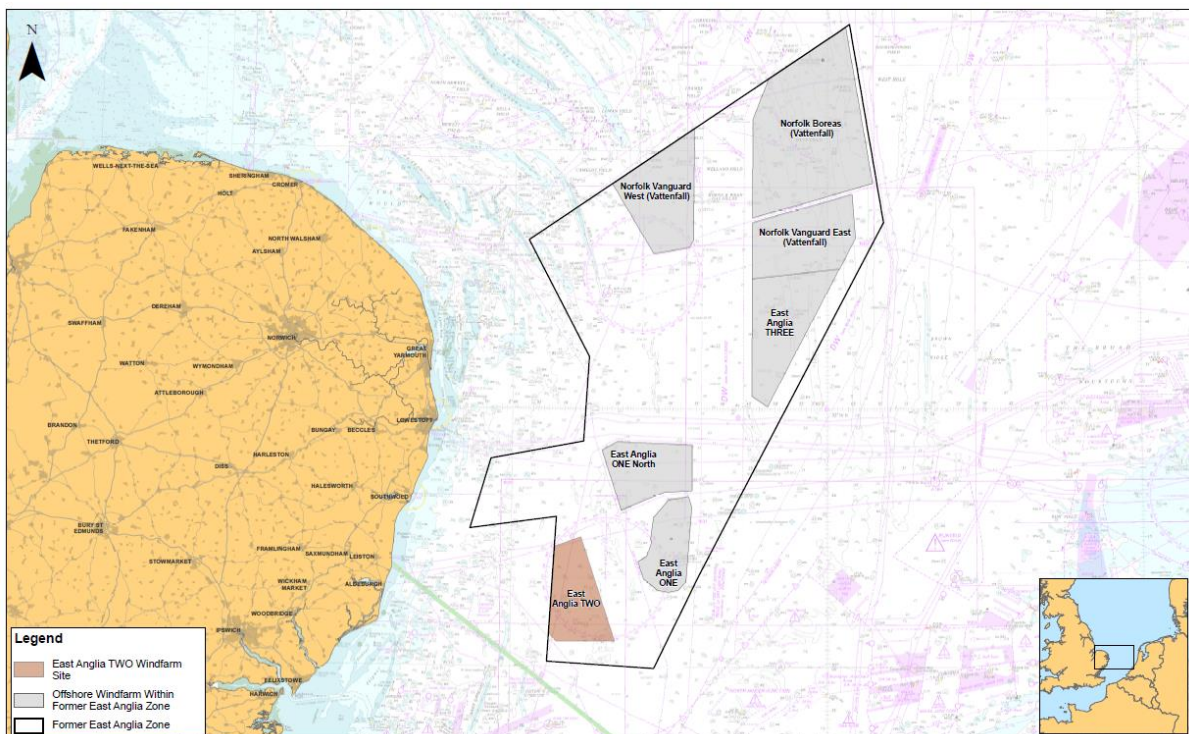
- East Anglia One 714mw windfarm – consented in 2014, construction complete 2020
- East Anglia Three – 1400mw – consented 2017, construction not commenced

The Development Consent Orders (DCO) for both these projects consents landfall at Bawdsey with a project substation at Bramford. The cabling in between has been undergrounded.

The next two offshore windfarm projects in the East Anglia Zone proposed by SPR are:

- East Anglia One North (EA1N) – 800mw windfarm
- East Anglia Two (EA2) – 900mw windfarm

The map below illustrates the offshore elements of the projects in the East Anglia Zone.



EA1N and EA2 DCO Application Timeline

- EA1N and EA2 applications submitted 25 October 2019.
- Planning Inspectorate has 28 days to accept applications (until 22 November 2019).
- Notification of accepted applications likely to be late November – deadline for submission of relevant representation (summary of Council's position) likely to be mid/late January.

- Preliminary Meeting and start of examinations likely to be between March-May 2019.
- Timeframe for submission of Local Impact Report which sets out objective assessment of impacts likely to be close to date of preliminary meeting.
- Examination must conclude within 6 months from Preliminary Meeting – estimated Aug-Oct 2020.
- Examining Panel has three months to make a recommendation to the Secretary of State on projects following close of examination – estimated Nov 2020 – Jan 2021.
- Secretary of State has three months to grant or refuse DCO consent – estimated Feb – April 2021.
- Earliest commencement of construction if consented 2023.

Brief Outline of EA1N and EA2 Projects

Offshore

- EA1N - up to 67 turbines (800mw), max 300m high, 36km from shore from Lowestoft.
- EA2 - up to 75 turbines (900mw), max 300m high, 33km from shore from Southwold.
- Up to 5 offshore platforms and 1 meteorological mast for each project.

Onshore

- Offshore cables make landfall at a site immediately north of Thorpeness.
- 9km underground cable route from Thorpeness to site north of Friston.
- EA1N and EA2 each has a separate substation proposed on land north of Friston (190m x 190m, 15m max building height, 18m max equipment height)
- National Grid (NG) substation and associated connection infrastructure including three sealing end compounds proposed on land north of Friston. Dependent on cooling technology footprint of NG substation either 145m by 310m or 140m by 120m.
- Permanent realignment of overhead lines including reconstruction/relocation of up to two pylons and up to one additional pylon north of Friston.

A map to show onshore order limits of EA1N and EA2 is shown in Appendix A. An illustration of EA1N, EA2 and National Grid substations proposed at Friston is shown in Appendix B.

Potential Future Energy Projects in East Suffolk – Cumulative Impacts

- EDF Energy SZC new nuclear power station
- National Grid Ventures - Nautilus and Eurolink interconnector projects
- Galloper windfarm extension project
- Greater Gabbard windfarm extension project
- Future windfarm projects as a result of the seabed leases awarded by the Crown Estate in relation to the round 4 process

ESC Approval Process for involvement in Examination

The intention is for a report to be taken to Strategic Planning Committee on 9th December 2019 which will seek endorsement for a report to be taken to Cabinet in January 2020 with a draft Relevant Representation and draft Local Impact Report appended.

Pre-Strategic Planning Committee - Site Visit

In advance of this report being presented at Strategic Planning Committee it is recommended, Committee Members undertake their own site visit, perhaps in groups if possible. It is felt that a self-site visit organised in this way will be more appropriate as it would be difficult for a minibus to navigate the route.

An illustrative plan has been provided of the EA1N, EA2 and National Grid substation site immediately north of Friston village in Appendix C. The plan identifies some key viewpoints and Grove Road from where it would be useful to view the proposed development from.

Viewpoints and views:

- Viewpoint 1: Public right of way near Friston village hall/church looking north to the substation site.
- Viewpoint 2: Adjacent Little Moor Farm, looking south to the substation site.
- View 3: View looking left as you drive along Grove Road towards substation site.

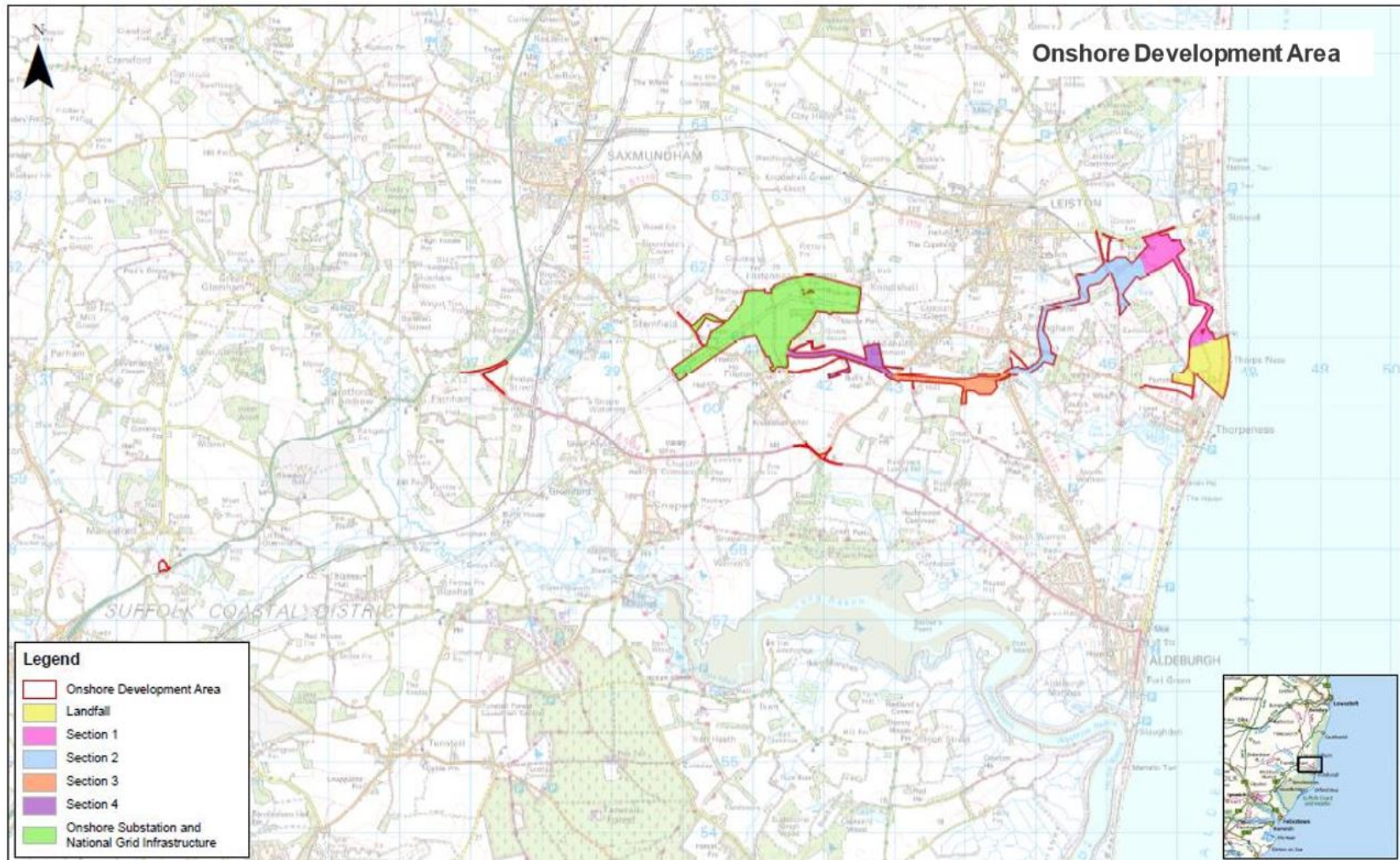
If you would like to walk around the site, the public rights of ways have been marked on the plan shown by the red and purple dotted lines. To walk this route, it is recommended that you park at Friston village hall (although parking is limited) and then walk northwards along the purple right of way heading southwards along the red right of way (45-60 minute walk).

Alternatively, it is possible after visiting viewpoint 1 to drive from the village hall along Grove Road (dashed blue line) with the proposed substation site immediately to the west of the road and Grove Wood. Once under the overhead lines there is an access track on the left which is a public right of way as well as the access track to leading to Little Moor Farm (dashed red line). Viewpoint 2 is located along this track and public right of way, although no formal parking is available it is possible to stop outside Little Moor Farm.

Parking - There is a small area where vehicles can be parked adjacent to the village hall in Friston, parking is however very limited. Sometimes the gate to the church opposite is open which provides further parking. The address of the village hall is:

- Friston Village Hall, Church Road, Friston, IP17 1PU

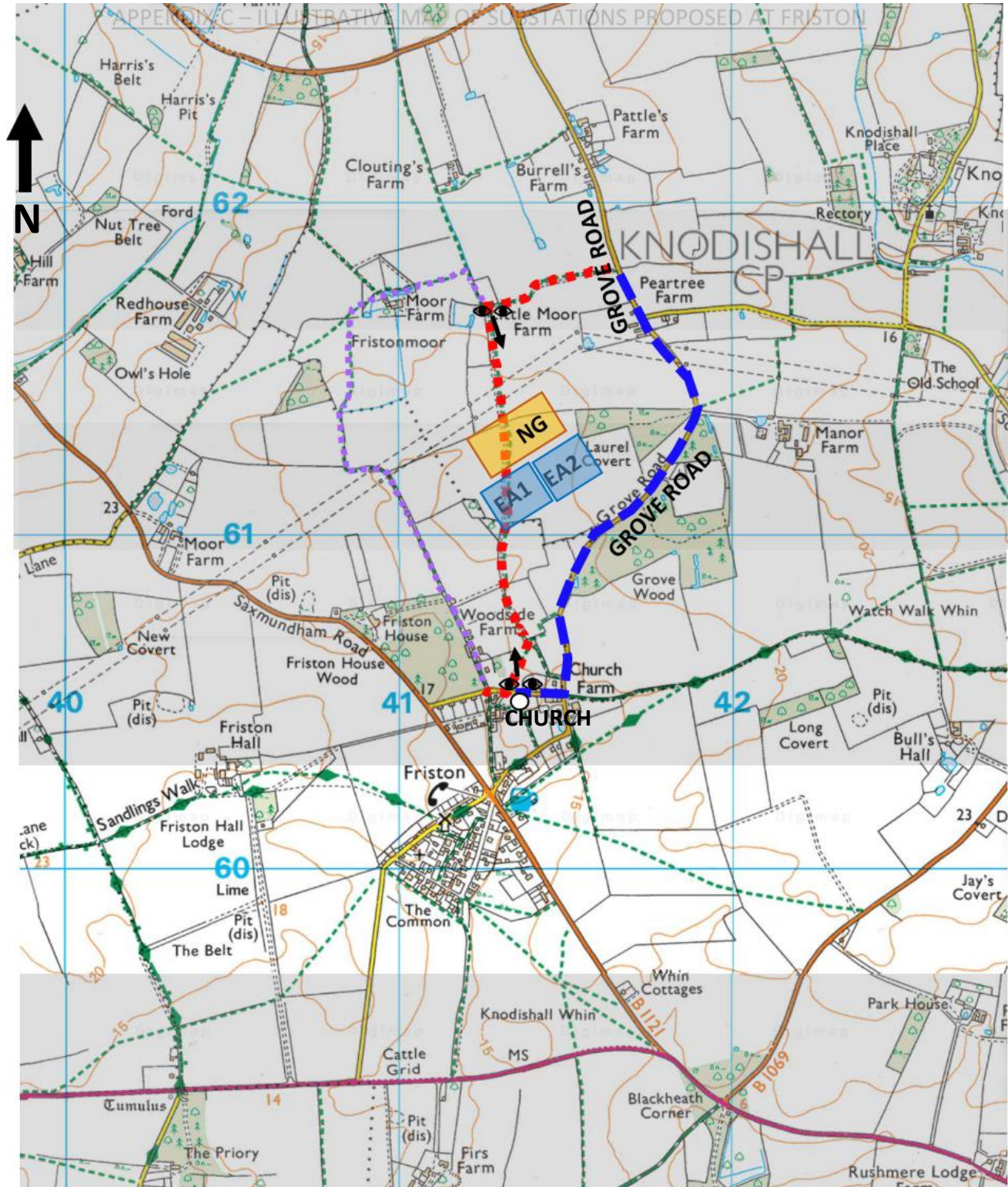
APPENDIX A – EA1N and EA2 Projects Onshore Order Limits



APPENDIX B – Illustrative Masterplan of EA1N, EA2 and National Grid substations and Connection Infrastructure at Friston



APPENDIX C – Illustrative Plan of EA1N, EA2 and National Grid Substation Site at Friston



KEY:

	Driving route		Viewpoint
	Walking route		Substation
	Optional walking route		National Grid Substation

