

Norfolk Vanguard Offshore Wind Farm Application Form

Development Consent Order

Applicant: Norfolk Vanguard Limited
Document Reference: 1.2
Pursuant to APFP Regulation: 5(2)(r)

Date: June 2018
Revision: Version 1
Author: Womble Bond Dickinson

Photo: Kentish Flats Offshore Wind Farm



Document Reference: 1.2

June 2018

For and on behalf of Norfolk Vanguard Limited

Approved by: Rebecca Sherwood and Ruari Lean

Signed:



Date: June 2018



Application for Development Consent for Nationally Significant Infrastructure under the Planning Act 2008

* required information

Application Form

Please read guidance documents relating to the submission of applications prior to completing this form including guidance issued by the Department of Communities and Local Government and the advice note relating to application submissions by the Planning Inspectorate (Advice Note 6)

* Do you have a reference number?

☒ Yes ☐ No

* Reference number

1. Applicant

* Organisation

Address

* Building number or name

* Street

* City or town

County or administrative area

* Postcode

* Country

* Name of contact

* Telephone number

Fax number

* Email

2. Agent

* Are you an agent acting on behalf of the applicant?

☐ Yes ☒ No

3. Fee

* State the arrangement for the application fee payment:

☐ BACS ☒ CHAPS ☐ Cheque

* Please provide payment reference details

4. Confirming why the Planning Inspectorate should receive the application

Continued from previous page...

* Brief statement to explain why this application is, or is to be treated as, a development for which development consent is required under the Planning Act 2008

The Application is for development consent under the Planning Act 2008 to construct and operate an offshore wind farm located more than 47 km from the coast of Norfolk (the Project). The Project comprises up to 200 wind turbine generators and associated onshore and offshore infrastructure. The offshore array site occupies an area of approximately 592 km² over two distinct areas, Norfolk Vanguard East and Norfolk Vanguard West. The Project is described more fully in the Explanatory Memorandum (Document 3.2).

Under the Planning Act 2008 (the 2008 Act), all new offshore renewable energy generation developments over 100MW are Nationally Significant Infrastructure Projects (NSIP). As the proposed wind farm is expected to have an export capacity of up to 1,800 MW, it qualifies as an NSIP pursuant to section 14(1)(a) and 15(3) of the 2008 Act. Therefore the Applicant is obliged to submit an application to the Secretary of State for development consent under section 37 of the 2008 Act.

5. Non-technical description of the Development Proposal



* Brief non-technical description of the development proposal

The development proposal comprises the construction and operation of up to 200 wind turbine generators (WTGs) with a maximum tip height of up to 350 metres, up to two meteorological masts, up to two accommodation platforms, up to two offshore electrical platforms, inter-array cables that collect and transfer power generated by the WTGs to the offshore substations, and export cables that take the electricity generated by the WTGs to shore.

The onshore electrical works consist of underground cables running from mean high water springs at Happisburgh South, Norfolk to a new onshore project substation located to the East of the National Grid substation at Necton in Norfolk and an underground connection between the two substations. Works are also required to the existing National Grid substation at Necton to extend the substation to accommodate the Norfolk Vanguard connection points and modify the overhead line structures adjacent to the substation. The onshore connection works also include the option to lay the cable ducts for a future project, Norfolk Boreas (also being developed by Vattenfall), from Happisburgh South, to the location of the future onshore substation for Norfolk Boreas at Necton.

A full description of the works can be found in Chapter 5 (Project Description) of the Environmental Statement (Document 6.1).

6. Location or Route of the Development Proposal



* Description of location of application site(s), or route of development (reference to appropriate plans)

The proposed Project is situated off the coast of Norfolk, approximately 47 km from the shore at the nearest point. The offshore array site occupies an area of approximately 592 km² over two distinct areas, Norfolk Vanguard East and Norfolk Vanguard West.

The buried export cable corridor would connect the offshore development to a landfall at Happisburgh South, Norfolk. The landfall will be achieved using Horizontal Directional Drilling techniques to install cable under the coastline and foreshore.

The buried onshore cable corridor would run between the landfall and the new onshore project substation at Necton in Norfolk. The route is approximately 60 km long in a predominantly westerly direction from the landfall, largely passing through agricultural land.

The new onshore project substation would occupy a site area of approximately 9.5 hectares (including a temporary construction compound for ancillary works such as earthworks, but excluding landscaping areas and access). The new onshore project substation is located to the East of the existing National Grid substation at Necton. There would be a need for additional underground cabling between the new onshore project substation and the existing

Continued from previous page...

National Grid substation at Necton.

The Application site is shown on the Location Plan (Document 2.1) and is described more fully in Chapter 5 (Project Description) of the Environmental Statement (Document 6.1).

* Is the site a single site or a linear site?

☐ Single site

☒ Linear site

Start grid reference

* Easting

742881

* Northing

338160

Middle grid reference

* Easting

638947

* Northing

330511

End grid reference

* Easting

590084

* Northing

310389

* Document reference

Start grid reference - furthest point from shore

* Document reference

Middle grid reference - landfall

Remove this reference

* Document reference

End grid reference - onshore substation

Remove this reference

Add another reference

7. Associated development



* Associated development is included within this application:

☒ Yes

☐ No

* Document reference

3.2 (Explanatory Memorandum)

Add another reference

8. a) Consultation report



* Document reference

5.1

Add another reference

Continued from previous page...

8. b) Copies of newspaper notices



* Document reference

1.3

Add another reference

9. Draft Order



* Document reference

3.1

Add another reference

10. Explanatory Memorandum



* Document reference

3.2

Add another reference

11. Land Plan



* Document reference

2.2 (Land Plan)

* Document reference

2.3 (Special category land plan)

Remove this reference

Add another reference

12. Works Plan



* Document reference

2.4

Add another reference

13. Compulsory acquisition of land or an interest in land or right over land



* Issues are relevant for this application:

☒ Yes

☐ No

Statement of reasons
document reference

4.1

Add another reference

Funding statement
document reference

4.2

Add another reference

Continued from previous page...

Book of Reference
document reference

4.3

Add another reference

14. a) Environmental Impact Assessment (EIA)



* Environmental Statement (ES) required:

☒ Yes

☐ No

* ES Document Reference

6.1

* ES Document Reference

6.2 (Technical Appendices and Figures)

Remove this reference

* ES Document Reference

6.3 (Non-Technical Summary)

Remove this reference

Add another reference

14. b) Screening Opinion/Direction and Scoping Opinion/Direction



* Screening opinion sought, or direction received:

☐ Yes

☒ No

* Scoping opinion sought:

☒ Yes

☐ No

Document reference

6.4

Add another reference

14. c) Publicity required under Regulation 11 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009



In addition to publishing the notice, a copy of the notice was sent to:-

* the consultation bodies

☒ * Yes

* the persons notified to the applicant in accordance with regulation 9(1)(c) of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2009:

☐ Yes

☒ No, not applicable

15. European sites (to which Regulation 48 of the Conservation (Natural Habitats, & c.) Regulations 1994 applies) or a Ramsar site



* Report required for this application:

☒ Yes

☐ No

Continued from previous page...

* Document reference

5.3

Add another reference

16. A plan, with accompanying information, identifying any statutory or non statutory sites or features of nature conservation, geological or landscape importance; habitats of protected species, important habitats or other diversity features; and water bodies in a river basin management Plan - together with an assessment of any effects likely to be caused by the development.



* Issues are relevant for this application:

☒ Yes

☐ No

* Document reference

2.8

* Document reference

Chapters 8, 10, 12, 13, 19, 20, 22, 23, 29
of the Environmental Statement
(Document 6.1)

Remove this reference

Add another reference

17. A plan, with accompanying information, identifying any statutory or non statutory sites or features of the historic environment such as scheduled monuments, World Heritage sites, listed buildings and other historic structures, archaeological sites and registered battlefields, together with an assessment of any effects likely to be caused by the proposed development



* Issues are relevant for this application:

☒ Yes

☐ No

* Document reference

2.9

* Document reference

Chapters 17, 28, 29 of the Environmental
Statement (Document 6.1)

Remove this reference

Add another reference

18. Flood Risk Assessment



* Flood risk assessment required:

☒ Yes

☐ No

* Document reference

Chapters 8 and 20 of the Environmental
Statement (Document 6.1)

Add another reference

Continued from previous page...

19. Matters set out in section 79 (1) (statutory nuisances etc) of the Environmental Protection Act 1990



* Statement required for this application:

☒ Yes ☐ No

* Document reference

5.2

Add another reference

20. A plan with any accompanying information identifying any Crown land



* Issues are relevant for this application:

☒ Yes ☐ No

* Document reference

2.10

Add another reference

21. A plan identifying new or altered means of access, stopping up of streets or any diversions, extinguishments or creation or rights of way or public rights of navigation



* Issues are relevant for this application:

☒ Yes ☐ No

* Document reference

2.5 (Access to works plan)

* Document reference

2.6 (Plan showing public rights of way to be temporarily stopped)

Remove this reference

* Document reference

2.7 (Plan showing streets to be temporarily stopped up)

Remove this reference

Add another reference

22. Additional information for specific types of infrastructure



* Additional information is required to be submitted in accordance with regulation 6 of the Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009:

☒ Yes ☐ No

* Provide a brief description

For an offshore generating station, regulation 6(1)(b) requires details of the proposed route and method of installation for any cable and a statement as to whether applications will be made for safety zones to be provided. Further details can be found below and in the following documents:

Cable Statement - Document 7.1

Continued from previous page...

Safety Zone Statement - Document 7.2

* Document reference

7.1 (Cable Statement)

* Document reference

7.2 (Safety Zone Statement)

Remove this reference

Add another reference

Regulation 6 of the Infrastructure Planning (Applications: Prescribed Forms and Procedures) Regulations 2009 requires additional information to be submitted with the following types of development.

* Please check any of the following boxes that apply:

- ☒ Construction or extension of an offshore generating station (Reg. 6 (1a))
- ☐ Construction or extension of a non offshore generating station (Reg. 6 (1b))
- ☐ Highway related development (Reg. 6 (2) (part 1))
- ☐ Construction or alteration of a railway (Reg. 6 (2) (part 2))
- ☐ Construction or alteration of harbour facilities (Reg. 6 (3))
- ☐ Construction of a pipeline (Reg. 6 (4))
- ☐ Construction or alteration of a hazardous waste facility (Reg. 6 (5))
- ☐ Construction of a dam or reservoir (Reg. 6 (6))

Construction or extension of an offshore generating station (Reg. 6 (1a))

* Provide details of the proposed route and method of installation for any cable

The Application is for an offshore generating station that falls within Regulation 6(1)(b) of the above regulations. The Applicant has therefore supplied a Cable Statement (Document 7.1), which explains the proposed route and method of installation for any cable for the offshore and onshore works. Further details are provided in Chapter 5 (Project Description) of the Environmental Statement (Document 6.1).

* Provide a statement as to whether applications will be made for safety zones

The Application is for an offshore generating station that falls within regulation 6(1)(b) of the above regulations. The Applicant has therefore supplied a Safety Zone Statement (Document 7.2), which explains the applications that will be made for safety zones during construction and operation of the Project and the likely timings of those applications.

23. Any other plans, drawings and sections necessary to describe the proposal for which development consent is sought, and any other documents, reports or information to support the application



Provide a brief description of any other plans, drawings and sections that are being submitted with this application

Location plan
Important Hedgerows plan

Continued from previous page...

Document reference 2.1 (Location plan)

Document reference 2.11 (Important hedgerows plan)

Remove this reference

Document reference

Remove this reference

Add another reference

Provide a brief description of any other documents considered necessary to support the application

Cover letter to the Planning Inspectorate
Guide to the Application
Application Index
Draft section 55 checklist
Note on Requirements and Conditions in the Development Consent Order
Consents and licences required under other legislation
Schedule of Mitigation
Outline Code of Construction Practice
Planning Statement
Design and Access Statement
Public Rights of Way Strategy
Outline Written Scheme of Investigation (Onshore)
Outline Written Scheme of Investigation (Offshore)
Outline Landscape and Ecological Management Strategy
Outline Traffic Management Plan
Outline Travel Plan
Outline Access Management Plan
Outline Offshore Operations and Maintenance Plan
Offshore In Principle Monitoring Plan
Draft Marine Mammal Mitigation Protocol
Outline Project Environmental Management Plan
Outline Scour Protection and Cable Protection Plan
In Principle Norfolk Vanguard Southern North Sea candidate Special Area of Conservation Site Integrity Plan
Outline Navigation Monitoring Strategy

Document reference 1.1 (Cover letter to the Planning Inspectorate)

Document reference 1.4 (Guide to the Application)
1.5 (Application Index)
1.6 (Draft section 55 checklist)

Remove this reference

Continued from previous page...

Document reference 3.3 (Note on Requirements and Conditions in the Development Consent Order)

Remove this reference

Document reference 5.4 (Consents and licences required under other legislation)

Remove this reference

Document reference 6.5 (Schedule of Mitigation)

Remove this reference

Document reference 8.1 (Outline Code of Construction Practice)

Remove this reference

Document reference 8.2 (Planning Statement)

Remove this reference

Document reference 8.3 (Design and Access Statement)

Remove this reference

Document reference 8.4 (Public Rights of Way Strategy)

Remove this reference

Document reference 8.5 (Outline Written Scheme of Investigation (Onshore))

Remove this reference

Document reference 8.6 (Outline Written Scheme of Investigation (Offshore))

Remove this reference

Document reference 8.7 (Outline Landscape and Ecological Management Strategy)

Remove this reference

Document reference 8.8 (Outline Traffic Management Plan)

Remove this reference

Continued from previous page...

Document reference

8.9 (Outline Travel Plan)

Remove this reference

Document reference

8.10 (Outline Access Management Plan)

Remove this reference

Document reference

8.11 (Outline Offshore Operations and Maintenance Plan)

Remove this reference

Document reference

8.12 (Offshore In Principle Monitoring Plan)

Remove this reference

Document reference

8.13 (Draft Marine Mammal Mitigation Protocol)

Remove this reference

Document reference

8.14 (Outline Project Environmental Management Plan)

Remove this reference

Document reference

8.15 (Site Characterisation Report)

Remove this reference

Document reference

8.16 (Outline Scour Protection and Cable Protection Plan)

Remove this reference

Document reference

8.17 (In Principle Norfolk Vanguard Southern North Sea candidate Special Area of Conservation Site Integrity Plan)

Remove this reference

Document reference

8.18 (Outline Navigation Monitoring Strategy)

Remove this reference

Add another reference

Provide a brief description of any other information provided that is in support of the application, but which has not been explicitly required

Continued from previous page...

N/A

Document reference

Add another reference

24. Other consents/licences required under other legislation



* Other consents/licences are required:

☒ Yes ☐ No

* Provide a list of consents/licences

A number of other consents and licences are required for the proposed development, as follows:

OFFSHORE

Appropriate Assessment and Habitat Regulations Assessment

Coast Station Radio Licence

Decommissioning Scheme

Energy Generation Licence

European Protected Species (EPS) Licence

F10 – Notification of Construction Project

Safety Zones

ONSHORE

Building Regulation approval (if necessary)

Crown Consent

Environmental Permit for water discharge or waste operations / registration of exempt waste operations and water discharges (as necessary)

European Protected Species (EPS) Licence

Licence for work affecting badgers

Notice of Street Works

Permit for transport of abnormal loads (if necessary)

Temporary Road Traffic Orders (if construction phase requires closure of any public highway)

Water Abstraction Licence (if required)

Wildlife and Countryside Act Licence (if required for interference with designated species).

You must cite the document references as appropriate

* Document reference

5.4 (Consents and licences required under other legislation)

Add another reference

25. Declaration



I declare to the best of my knowledge that the information given in this form and enclosed maps, plans and other documents are true.

Please note there is a requirement for one hard copy of the form to be signed. Please ensure that when you submit you include at least one signed copy. Further copies do not require the hand written signature.

Continued from previous page...

Signature



(For and on behalf of the Applicant)

* Name

RUARI LEAN

(In block letters)

* Date

08 / 06 / 2018
dd mm yyyy

* Organisation

Vattenfall Wind Power Limited

* Position within the
organisation

Senior Development Manager

