

Hornsea Project Three
Offshore Wind Farm



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Application Form
PINS Document Reference: A1.4
APFP Regulation 5(2)(r)

Date: May 2018

Hornsea 3 
Offshore Wind Farm

 Orsted

Application Form

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Report Number: A1.4

Version: Final

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This report is also downloadable from the Hornsea Project Three offshore wind farm website at:
www.hornseaproject3.co.uk

Ørsted

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Front cover picture: Kite surfer near a UK offshore wind farm © Orsted Hornsea Project Three (UK) Ltd., 2018

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Checked by: Pinsent Masons

Accepted by: Sophie Banham

Approved by: Stuart Livesey



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

Hornsea Project Three Offshore Wind Farm is a proposed offshore wind farm located in the Southern North Sea. This project will consist of an offshore generating station(s) with a capacity of greater than 100MW and therefore is a Nationally Significant Infrastructure Project (NSIP) as defined by Section 15(3) of the Planning Act 2008. As such, there is a requirement to submit an application for Development Consent to the Planning Inspectorate (PINS) to be decided by the Secretary of State for Business, Energy and Industrial Strategy. Further details can be found in the Project Description (Document Reference A6.1.3).

5. Non-technical description of the Development Proposal ?

* Brief non-technical description of the development proposal

Hornsea Project Three is the third development proposed within the former Hornsea Zone. Project Three will constitute offshore wind generating station(s) with a capacity of greater than 100 MW. The project is anticipated to have a total capacity of approximately 2,400 MW, and will include all associated offshore and onshore infrastructure. The Development Consent Order for Project Three would authorise the construction and operation of up to 300 turbines, up to 12 offshore collector substations, up to 4 surface or 6 subsea offshore HVAC booster stations (or a combination thereof), up to 4 offshore HVDC offshore converter substations, up to three offshore accommodation platforms, subsea inter-array electrical circuits, subsea power electrical circuits, a marine connection to shore, a foreshore connection and from the proposed landfall point, up to 18 onshore export cables buried in up to 6 trenches, an onshore HVAC booster station and an onshore HVDC converter/HVAC substation, and a connection to the National Grid substation south of Norwich. Hornsea Project Three may use HVAC or HVDC transmission, or a combination of both technologies in separate electrical systems. The maximum number of offshore structures is 321 (i.e. 300 turbines and 21 substations/platforms), in the scenario which includes sub-sea HVAC booster substations. Full details of the works comprised in the proposed development are contained within the Project Description (Document Reference A6.1.3).

6. Location or Route of the Development Proposal ?

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

The Hornsea Three array area (i.e. the area in which the offshore wind turbine generators are located) is approximately 696 km.sq, and is located approximately 121 km northeast off the Norfolk coast and 160 km east of the Yorkshire coast. The Hornsea Three offshore cable corridor extends from the array area to the Norfolk Coast in a south-westerly direction. From the Norfolk Coast landfall, underground onshore cables will connect the offshore wind farm to an onshore substation, which will in turn connect to the existing Norwich Main National Grid substation, located to the south of Norwich. Further details of the onshore and offshore works locations are contained within the Location Plans (Document References A2.1.1 onshore and offshore, A2.1.2 offshore, A2.1.3 onshore), and are more fully described in the Project Description (Document Reference A6.1.3).

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

- Single site Linear site

Start grid reference

* Easting

* Northing

Middle grid reference

* Easting

* Northing

End grid reference

Continued from previous page...

* Easting

621862

* Northing

302425

* Document reference

Start grid reference (Document Reference A2.1.1) is the most north-easterly extent of the offshore array.

* Document reference

Middle grid reference (Document Reference A2.1.1) is taken as the centre point of the landfall.

Remove this reference

* Document reference

End grid reference (Document Reference A2.1.1) is taken from the connection with the National Grid substation south of Norwich.

Remove this reference

Add another reference

7. Associated development



* Associated development is included within this application:

Yes

No

* Document reference

A3.1 Draft Development Consent Order

* Document reference

A3.2 Explanatory Memorandum

Remove this reference

Add another reference

8. a) Consultation report



* Document reference

A5.1 Consultation Report

* Document reference

A5.1.1 to A5.1.16 Consultation Report Annexes

Remove this reference

Add another reference

8. b) Copies of newspaper notices



* Document reference

A1.5 Newspaper Notices

Continued from previous page...

Add another reference

9. Draft Order



* Document reference

A3.1 Draft Development Consent Order including Draft Deemed Marine Licences

Add another reference

10. Explanatory Memorandum



* Document reference

A3.2 Explanatory Memorandum

Add another reference

11. Land Plan



* Document reference

A2.3 Land Plan - Onshore

Add another reference

12. Works Plan



* Document reference

A2.4.1 Works Plan - Offshore

* Document reference

A2.4.2 Works Plan - Onshore

Remove this reference

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

A4.2 Statement of Reasons

Add another reference

Funding statement document reference

A4.1 Funding Statement

Add another reference

Book of Reference document reference

A4.3 Book of Reference

Add another reference

Continued from previous page...

14. a) Environmental Impact Assessment (EIA) ?

* Environmental Statement (ES) required:

Yes No

* ES Document Reference

* ES Document 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

Document 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

* Document reference

Continued from previous page...

* Document reference A5.2.1 RIAA Annex 1 HRA Screening Report

Remove this reference

* Document reference A5.2.2 RIAA Annex 2 Additional SPA Screening

Remove this reference

* Document reference A5.2.3 RIAA Annex 3 Phenology, Connectivity and Apportioning

Remove this reference

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 A2.9.1 Onshore Statutory and Non-Statutory Nature Conservation Sites

* Document reference A2.9.2 Offshore Statutory and Non-Statutory Nature Conservation Sites

Remove this reference

* Document reference A2.10 Tree Preservation Order and Hedgerow Plan

Remove this reference

* Document reference A6.6.2.1 Flood Risk Assessment

Remove this reference

* Document reference A6.3.2 Hydrology and Flood Risk

Remove this reference

* Document reference A6.3.3 Ecology and Nature Conservation

Remove this reference

Continued from previous page...

* Document reference

A5.2 Report to Inform Appropriate Assessment

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

A2.8.1 Offshore Historic Environment Plan

* Document reference

A2.8.2 Onshore Historic or Scheduled Monument Sites Plan

Remove this reference

* Document reference

A6.2.9 Marine Archaeology

Remove this reference

* Document reference

A6.3.5 Historic Environment

Remove this reference

Add another reference

18. Flood Risk Assessment

?

* Flood risk assessment required:

Yes

No

* Document reference

A6.6.2.1 Flood Risk Assessment

Add another reference

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

A7.3 Statutory Nuisance Statement

Add another reference

Continued from previous page...

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



* Issues are relevant for this application:

Yes No

* Document 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

* Document reference

* Document reference

* Document 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 the construction of an offshore generating station, regulation 6(1)(b)(i) requires details of the proposed route and method of installation for any cable to be provided. Details are provided in the following documents (also in document references below):

Cable Statement: Document Reference A7.2

Works Plan - Offshore: Document Reference A2.4.1

Works Plan - Onshore: Document Reference A2.4.2

Project Description: Document Reference A6.1.3

Site Selection and Consideration of Alternatives: Document Reference A6.1.4.

In addition, regulation 6(1)(b)(ii) requires a statement as to whether applications will be made for safety zones to be provided. This can be found in the Safety Zone Statement: Document Reference A7.1.

Continued from previous page...

* Document 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). The proposed route and method of installation for any cables (offshore and onshore works) are provided in the Cable Statement (Document Reference A7.2) and the Project Description (Document Reference 6.1.3) and the route is detailed in the Works Plans (Document references A2.4.1 and A2.4.2).

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

Continued from previous page...

The Application is for an offshore generating station that falls within regulation 6(1)(b). The Applicant has therefore supplied a Safety Zone Statement (Document Reference A7.1) that explains the applications that will be made for safety zones during the 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

Offshore Order Limits and Grid Coordinates Plan
Onshore Order Limits
Special Category Land - Onshore
Indicative Extent of Marine Licences
Indicative Extent of Development Consent Order and Deemed Marine Licences - Cross Sectional
Onshore Limits of Deviation Plan

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

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

Covering Letter
Application Index
Draft Section 55 Check List
Consents Management Plan
Outline Construction Traffic Management Plan

Continued from previous page...

Planning Statement
Hierarchy of Management Plans
Outline Code of Construction Practice
Outline Ecological Management Plan
Outline Landscape Management Plan
In Principle Monitoring Plan
Outline Fisheries Coexistence and Liaison Plan

Document reference

Continued from previous page...

Document reference

A8.10 Outline Fisheries Coexistence and Liaison Plan

Remove this reference

Document reference

A8.2 Outline Construction Traffic Management Plan

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

None

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

In summary it is expected that the following consents, which are not provided for in the DCO, will be required:

- a) an Appropriate Assessment and Habitat Regulations Assessment under Article 6(3) of the Habitats Directive (see Report to Inform Appropriate Assessment, Document Reference A5.2);
- b) Consent to acquire interests other than the Crown in Crown Land under Section 135 of the Planning Act 2008 (see Book of Reference, Document Reference A4.3);
- c) a decommissioning scheme under Chapter 3 of Part 2 of the Energy Act 2004;
- d) an EPS licence from the MMO and Natural England under regulations 53 to 55 of the Conservation of Habitats and Species Regulations 2010 (see Report to Inform Appropriate Assessment, Document Reference 5.2; Marine Mammals, Document Reference 6.2.4; and Ecology and Nature Conservation, Document Reference A6.3.3);
- e) a F10 – Notification of Construction Project notice under the Construction (Design and Management) Regulations 2015;
- f) a safety zone notice under section 95 of the Energy Act 2004 (see Safety Zone Statement, Document Reference A7.1);
- g) Flood Defence Consent under the Environmental Permitting (England and Wales) Regulations 2016 (see Flood Risk Assessment, Document Reference A6.6.2.1)
- h) Land Drainage Consent under the Water Resources Act 1991 (see Environment Agency and Internal Drainage Board Watercourses and Flood Zones, Document Reference A6.6.2.2);
- i) a licence under Section 10 of the Protection of Badgers Act 1992;
- j) a Notice of Street Works under the Traffic Management Act 2004;
- k) approvals from the Secretary of State, relevant local planning authority and relevant highway authority pursuant to the requirements contained in the DCO (Document Reference A3.1); and
- l) approvals from the MMO, Secretary of State and Maritime and Coastguard Agency pursuant to the conditions contained in the deemed Marine Licences (Document Reference A3.1).

Continued from previous page...

It is expected that the following onshore consents, which are not provided for in the DCO, may be required:

- a) Building Regulation approval from relevant Local Authorities if operational buildings within onshore substation(s) are manned, under the Building Regulations.
- b) an Environmental Permit for water discharge or waste operations / registration of exempt waste operations and water discharges, under the Environmental Permitting (England and Wales) Regulations 2010.
- c) a Permit for transport of abnormal loads under the Road Vehicles (Authorisation of Special Types)(General) Order 2003 / Road Traffic Act 1988;
- d) a temporary traffic regulation order under section 14 of the Road Traffic Regulation Act 1984;
- e) a licence under section 24 of the Water Resources Act 1991 in relation to abstraction;
- f) Consent under section 23 of the Land Drainage Act 1991 if an obstruction of an ordinary watercourse is required and;
- g) a licence under section 16 of the Wildlife and Countryside Act if construction activities are to interfere with designated species.

Further information can be found in the Consents Management Plan (Document Reference A7.4).

You must cite the document references as appropriate

* Document reference

Continued from previous page...

* Document reference

A6.6.2.2 Environment Agency and Internal
Drainage Board Watercourses and Flood
Zones

Remove this reference

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.

Signature

(For and on behalf of the Applicant)

* Name

STUART LIVESEY

(In block letters)

* Date

14 / 05 / 2018
dd mm yyyy

* Organisation

Orsted

* Position within the
organisation

Project Development Manager