



Hornsea Project Four: Application Form

PINS Document Reference: 1.4
APFP Regulations: 5(2)(a)

Volume 1.4 Application Form

Prepared Faye McGinn, Orsted, September 2021
Checked Pinsent Masons, September 2021
Accepted Hannah Towner-Roethe, Orsted, September 2021
Approved Julian Carolan, Orsted, September 2021

Doc. No: 1.4
Version: A



Application for Development Consent for Nationally Significant Infrastructure Projects 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 [government guidance](#) and the Planning Inspectorate's [Advice Note Six: Preparation and submission of application documents](#).

* 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

Continued from previous page...

4. Confirming why the Planning Inspectorate should receive the application



* 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 Four Offshore Wind Farm is a proposed offshore wind farm to be located in the southern North Sea. The project will consist of an offshore generating station with a capacity greater than 100 MW and is therefore defined as a Nationally Significant Infrastructure Project (NSIP) under Section 15(3) of the Planning Act 2008 (the '2008 Act'). As such there is a requirement to apply for a Development Consent Order (DCO) to the Planning Inspectorate (PINS), who administer the examination of applications on behalf of the Secretary of State (SoS) for Business, Energy and Industrial Strategy (BEIS). Further details can be found in the Project Description (Document Reference A1.4).

5. Non-technical description of the Proposed Development



* Brief non-technical description of the Proposed Development

Hornsea Project Four is the fourth development proposed within the former Hornsea Zone. Hornsea Four will constitute an offshore generating station with a capacity greater than 100 MW. The project will include all associated offshore and onshore infrastructure necessary for the generation and transmission of electricity.

The Development Consent Order for Hornsea Four would authorise the construction and operation of up to 180 wind turbine generators. At landfall, the offshore export cables will be joined to onshore export cables at transition joint bays. There will be up to 6 onshore export circuits buried in up to six trenches connecting to an onshore substation to allow the power to be transferred to the National Grid via the existing Creyke Beck National Grid Energy Transmission (NGET) substation.

The maximum design parameters include the construction of up to six separate offshore transformer substations. All offshore transformer substations will be in the Hornsea Four array area.

In order to deliver the power to the National Grid, Hornsea Four may use HVAC or HVDC transmission or could use a combination of both technologies in separate electrical systems. The maximum number of offshore surface HVAC booster stations (which would only be used should HVAC technology be exploited) would be three or up to three Offshore HVDC converter substation (HVDC only). Hornsea Four may construct one offshore accommodation platform in the array area.

The onshore substation is located to the west of the NGET substation at Creyke Beck and includes all necessary electrical plant to meet the requirements of the National Grid. The onshore substation will have a maximum of two main buildings and a maximum of fifteen secondary buildings.

Hornsea Four will incorporate Energy Balancing Infrastructure (EBI) and will include up to two separate EBI plants. EBI is proposed to be housed in single or multiple building(s), several containers, in an open yard or a combination of the above. All energy balancing equipment will be housed wholly within the footprint of the onshore or offshore substations. Full details of the works compromised in the proposed development are contained within the Project Description (Document Ref A1.4)

6. Location or route of the Proposed Development



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

The Hornsea Four array area (i.e the area in which the offshore wind turbine generators are located) will be approximately 468km.sq and will be located approximately 69 km due east of Flamborough Head off the Yorkshire Coast. The offshore export cables will make landfall east of Fraisthorpe. From landfall the underground onshore cables will connect to an onshore substation which will in turn connect to Creyke Beck NGET 400 kV Substation, which is located near Cottingham, Humberside. Further details of the onshore and offshore works location are contained within the Location Plans (D1.1.1 -- D1.1.3)

Continued from previous page...

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

Single site

Linear site

Start grid reference

* Easting

629194

* Northing

469485

Middle grid reference

* Easting

516894

* Northing

461054

End grid reference

* Easting

504677

* Northing

434742

* Document reference

Start grid reference (Document Reference D1.1.1) is taken as the most easterly extent of the offshore array.

* Document reference

Middle grid reference (Document Reference D1.1.1) is taken as the centre point of the landfall.

Remove this reference

* Document reference

End grid reference (Document Reference D1.1.1) is taken as the most easterly extent of the order limits around the National Grid substation north of Hull.

Remove this reference

Add another reference

7. Associated Development



* Associated Development is included within this application:

Yes

No

* Document reference

C1.1 Draft DCO including Draft Deemed Marine Licence

* Document reference

C1.2 Explanatory Memorandum

Remove this reference

Continued from previous page...

Add another reference

8. a) Consultation Report



* Document reference

B1.1 Consultation Report

* Document reference

B1.1.1 to B1.1.37 Consultation Report Annexes

Remove this reference

Add another reference

8. b) Copies of newspaper notices



* Document reference

1.5 Newspaper Notices

Add another reference

9. Draft Development Consent Order



* Document reference

C1.1 Draft DCO including Deemed Marine Licence

Add another reference

10. Explanatory Memorandum



* Document reference

C1.2 Explanatory Memorandum

Add another reference

11. Land Plan



* Document reference

D1.3.1 Land Plan - Onshore

Add another reference

12. Works Plan



* Document reference

D1.4.1 Works Plan - Onshore

* Document reference

D1.4.2 Works Plan - Offshore

Remove this reference

Add another reference

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



Continued from previous page...

* Issues are relevant for this application:

Yes No

Statement of reasons document reference

E1.2 Statement of Reasons

Add another reference

Funding statement document reference

E1.1 Funding Statement

Add another reference

Book of Reference document reference

E1.3 Book of Reference

Add another reference

14. a) Environmental Impact Assessment (EIA)



* Environmental Statement (ES) required:

Yes No

* ES Document Reference

A. Environmental Statement

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

F1.7 Scoping Opinion

Document reference

B2.2 Report to Inform Appropriate Assessment (Parts 1-12)

Remove this reference

Document reference

B2.2 Report to Inform Appropriate Assessment (Part 2)

Remove this reference

Add another reference

Continued from previous page...

14. c) Publicity required under Regulation 13 of The Infrastructure Planning (Environmental Impact Assessment) Regulations 2017 (or where the transitional provisions apply, 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 11(1)(c) of The Infrastructure Planning

Yes No, not applicable

15. European sites (to which Regulation 63 of The Conservation of Habitats and Species Regulations 2017 and/ or Regulation 28 of the Conservation of Offshore Marine Habitats and Species Regulations 2017 applies) or a Ramsar site.



* Report required for this application:

Yes No

* Document reference

B2.2 Report to Inform Appropriate Assessment (Part 1)

* Document reference

B2.2 Report to Inform Appropriate Assessment (Part 2)

Remove this reference

* Document reference

B2.2.2 Annex 2.2 Habitat Regulations Assessment Compensation Measures

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 Proposed Development.



* Issues are relevant for this application:

Yes No

* Document reference

D1.10.1 Onshore Statutory and Non-Statutory Nature Conservation Sites

Continued from previous page...

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

* Document 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

* Document reference

Continued from previous page...

* Document reference

A3.5 Historic Environment

Remove this reference

* Document reference

D1.9.1 Onshore Historic or Scheduled Monument Sites Plan

Remove this reference

* Document reference

A5.9.1 Marine Archeology Technical Report

Remove this reference

* Document reference

A6.5.1 Historic Desk Based Assessment (Part A and B)

Remove this reference

* Document reference

A6.5.3 Priority Archaeological Geophysical Survey

Remove this reference

* Document reference

A6.5.4 Geoarchaeological Desk Based Assessment

Remove this reference

Add another reference

18. Flood Risk Assessment



* Flood Risk Assessment required:

Yes

No

* Document reference

A6.2.2 Onshore Infrastructure 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

F1.4 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 F1.3

Works Plan - Offshore D1.4.1

Works Plan - Onshore D1.4.2

Project Description A1.4

Site Selection and Consideration of Alternatives A1.3

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 F1.2

Continued from previous page...

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

* 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 a non offshore generating station (Reg. 6 (1a))
- Construction or extension of an 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 (1b))

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

The Application is for an offshore generation 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 Cable Statement (Document reference F1.3) and the Project Description (Document reference A1.4) and the route is detailed in the Works Plans (Document reference D1.4.1 and D1.4.2)

* 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 regulations 6(1)(b). The Applicant has therefore supplied a Safety Zone Statement (Document Reference F1.2) that explains the applications that will be made for safety zones during the construction and operation of the project and the likely timing 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 D1.2.1
Onshore Order Limits D1.2.2
Special Category Land Onshore D1.12.2
Indicative Extent of Marine Licences D1.14.1

Document reference

Document reference

Document reference

Document reference

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

1.1 Cover Letter
1.2 DCO Application Document Register
1.3 Draft Section 55 Check List
1.6 Planning Inspectorate Electronic Application Index
1.3 Draft Section 55 Check List
B2.3 Derogation Cover Letter
B2.4 Summary Statement
B2.5 Without Prejudice Derogation Case
B2.6 Compensation measures for FFC SPA Overview
B2.6.1 Compensation measures for FFC SPA Compensation Criteria
B2.6.2 Compensation measures for FFC SPA Prey Resource Evidence
B2.7 FFC SPA Gannet and Kittiwake Compensation Plan
B2.7.1 Compensation measures for FFC SPA Offshore Artificial Nesting Ecological Evidence
B2.7.2 Compensation measures for FFC SPA Offshore Artificial Nesting Roadmap
B2.7.3 Compensation measures for FFC SPA Onshore Artificial Nesting Ecological Evidence
B2.7.4 Compensation measures for FFC SPA Onshore Artificial Nesting Roadmap
B2.7.5 Compensation measures for FFC SPA Artificial Nesting Site Selection and Design
B2.7.6 Outline Gannet and Kittiwake Implementation and Monitoring Plan

Continued from previous page...

- B2.8 FFC SPA Gannet Guillemot and Razorbill Compensation Plan
- B2.8.1 Compensation measures for FFC SPA Bycatch Reduction Ecological Evidence
- B2.8.2 Compensation measures for FFC SPA Bycatch Reduction Roadmap
- B2.8.3 Compensation measures for FFC SPA Predator Eradication Ecological Evidence
- B2.8.4 Compensation measures for FFC SPA Predator Eradication Roadmap
- B2.8.5 Compensation measures for FFC SPA Fish Habitat Enhancement Ecological Evidence
- B2.8.6 Compensation measures for FFC SPA Fish Habitat Enhancement Roadmap
- B2.8.7 Outline Gannet, Guillemot and Razorbill Implementation and Monitoring Plan
- B2.9 Record of Consultation
- F1.1 Planning Statement
- F1.5 Consents Management Plan
- F1.6 Statement of Need
- F2.1 Hierarchy of Management Plans
- F2.2 Outline Code of Construction Practice
(Including Outline Onshore Biosecurity Risk Assessment; Outline Soil Management Strategy; Outline PRow Management Plan; Outline Pollution Prevention Plan; Outline Site Waste Management Plan; Outline Construction Traffic Management Plan)
- F2.7 Outline Marine Monitoring Plan
- F2.11 Outline Site Integrity Plan
- F2.13 Outline Design Plan
- F2.14 Outline Enhancement Strategy
- F2.17 Outline HVAC Booster Station Lighting Plan
- F2.18 Outline Employment and Skills Plan
- F3.1 SoCG between Hornsea Project Four and East Riding of Yorkshire Council
- F3.3 SoCG between Hornsea Project Four and National Highways
- F3.4 SoCG between Hornsea Project Four and Natural England: Derogation and Compensation Matters
- F3.5 SoCG between Hornsea Project Four and Natural England - Onshore

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Continued from previous page...

Document reference

B2.5 Without Prejudice Derogation Case

Remove this reference

Document reference

B2.6 Compensation measures for FFC
SPA Overview

Remove this reference

Document reference

B2.6.1 Compensation measures for FFC
SPA Compensation Criteria

Remove this reference

Document reference

B2.6.2 Compensation measures for FFC
SPA Prey Resource Evidence

Remove this reference

Document reference

B2.7 FFC SPA Gannet and Kittiwake
Compensation Plan

Remove this reference

Document reference

B2.7.1 Compensation measures for FFC
SPA Offshore Artificial Nesting Ecological
Evidence

Remove this reference

Document reference

B2.7.2 Compensation measures for FFC
SPA Offshore Artificial Nesting Roadmap

Remove this reference

Document reference

B2.7.3 Compensation measures for FFC
SPA Onshore Artificial Nesting Ecological
Evidence

Remove this reference

Document reference

B2.7.4 Compensation measures for FFC
SPA Onshore Artificial Nesting Roadmap

Remove this reference

Document reference

B2.7.5 Compensation measures for FFC
SPA Artificial Nesting Site Selection and
Design

Remove this reference

Continued from previous page...

Document reference

B2.7.5 Compensation measures for FFC SPA Artificial Nesting Site Selection and Design

Remove this reference

Document reference

B2.7.6 Outline Gannet and Kittiwake Implementation and Monitoring Plan

Remove this reference

Document reference

B2.8 FFC SPA Gannet Guillemot and Razorbill Compensation Plan

Remove this reference

Document reference

B2.8.1 Compensation measures for FFC SPA Bycatch Reduction Ecological Evidence

Remove this reference

Document reference

B2.8.2 Compensation measures for FFC SPA Bycatch Reduction Roadmap

Remove this reference

Document reference

B2.8.3 Compensation measures for FFC SPA Predator Eradication Ecological Evidence

Remove this reference

Document reference

B2.8.4 Compensation measures for FFC SPA Predator Eradication Roadmap

Remove this reference

Document reference

B2.8.5 Compensation measures for FFC SPA Fish Habitat Enhancement Ecological Evidence

Remove this reference

Document reference

B2.8.6 Compensation measures for FFC SPA Fish Habitat Enhancement Roadmap

Remove this reference

Continued from previous page...

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

Continued from previous page...

Document reference

Document reference

Document reference

Document reference

Document reference

Document reference

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

Document 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 B2.2);

Continued from previous page...

- b) Consent to acquire interests other than the Crown in Crown Land under Section 135 of the Planning Act 2008 (see Book of Reference, E1.3);
- 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 Regulation 2010 (see Report to Inform Appropriate Assessment, Document Reference B2.2; Marine Mammals, Document Reference A2.4; and Ecology and Nature Conservation, Document Reference A3.3);
- e) a F10 - Notification of Construction Project notice under the Construction (Design and Management) Regulation 2015;
- f) a safety zone notice under section 95 of the Energy Act 2004 (see Safety Zone Statement, Document Reference F1.2);
- g) Flood Deference Consent under the Environmental Permitting (England and Wales) Regulations 2016 (see Onshore Infrastructure Flood Risk Assessment Document Reference A6.2.2);
- h) Ordinary Watercourse Land Drainage Consent under the Land Drainage Act 1991 (see Onshore Infrastructure Flood Risk Assessment Document Reference A6.2.2)
- 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 C1.1); and
- l) approvals from the MMO, Secretary of State and Maritime and Coastguard Agency pursuant to the conditions contained in the deemed Marine Licence (Document Reference C1.1)
- m) Consent Management Plan (Document Reference F1.5).

You must cite the document references as appropriate

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

* Document reference

Continued from previous page...

* Document 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

(In block letters)

* Date / /
dd mm yyyy

* Organisation

* Position within the organisation