

# Hornsea Offshore Wind Farm

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Project Two

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## Application Form for Hornsea Project Two

**PINS Document Reference: 1.2**

**APFP Regulation 5(2)(r)**

January 2015

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[smartwind.co.uk](http://smartwind.co.uk)

**Hornsea Offshore Wind Farm**  
**Project Two – Application for Development Consent**

Application Form for Hornsea Project Two

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**Document release and authorisation record**

Report number	UK06-060700-FRM-0001
Date	January 2015
Company name	SMart Wind Limited



## 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

\* Organisation

*Continued from previous page...*

## Address

* Building number or name	<input type="text" value="11th Floor"/>
* Street	<input type="text" value="140 London Wall"/>
* City or town	<input type="text" value="London"/>
County or administrative area	<input type="text"/>
* Postcode	<input type="text" value="EC2Y 5DN"/>
* Country	<input type="text" value="United Kingdom"/>
* Name of contact	<input type="text" value="Chris Jenner"/>
* Telephone number	<input type="text" value="020 7776 5500"/>
Fax number	<input type="text"/>
* Email	<input type="text" value="chris.jenner@mainstreamrp.com"/>

## 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

\* 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

Under the provisions of the Planning Act 2008, all new offshore renewable energy generation developments over 100MW are Nationally Significant Infrastructure Projects (NSIP). The application is for a Development Consent Order (DCO) to enable the Applicant to construct and operate 'Project Two' which comprises up to two wind farms within the Hornsea Round 3 Zone of the North Sea and all offshore and onshore infrastructure necessary to connect the wind farms to the onshore National Grid. The proposed development will have an installed generating capacity of up to 1,800 MW and therefore qualifies as a NSIP. Further details can be found in the Project Description (Document 7.1.3).

## 5. Non-technical description of the Development Proposal

\* Brief non-technical description of the development proposal

Project Two is the second development proposed within the Hornsea Zone. Project Two will constitute up to two offshore wind generating stations with a total capacity of up to 1,800 MW and will include all associated offshore and onshore infrastructure. The DCO for Project Two would authorise the construction and operation of up to 360 wind turbines, up to two offshore accommodation platforms, up to six offshore HVAC collector substations, up to two offshore HVDC converter stations, up to two offshore HVAC reactive compensation substations, subsea inter-array electrical circuits, subsea power electrical circuits, subsea interconnector cables, a marine connection to the shore approximately 150 km in length, a foreshore connection and from the proposed landfall point at Horseshoe Point, onshore cables which will connect the offshore wind farms to the onshore electrical transmission stations and the connection from there to National Grid's existing substation at North Killingholme, a distance of approximately 40 km. Full details of the works comprised in the proposed development are contained within the Project Description (Document Reference 7.1.3).

Continued from previous page...



## 6. Location or Route of the Development Proposal

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

The area within the Hornsea Zone in which turbines and inter-array cabling, as well as associated infrastructure for Project Two will be placed, has been labelled 'Subzone 2'. Subzone 2 is located in the centre of the Hornsea Zone, 89 km from the coast of the East Riding of Yorkshire and 50 km from the median line between United Kingdom (UK) and Dutch Waters. Subzone 2 lies within the UK Renewable Energy Zone with the offshore cable route crossing English territorial waters. Power will be transferred onshore via an export cable. The offshore cable route corridor for Project Two extends from the proposed landfall at Horseshoe Point in Lincolnshire, offshore in a north-easterly direction to the southern boundary of Subzone 2. The corridor is approximately 150 km in length. From the proposed landfall point at Horseshoe Point, onshore cables will connect the offshore wind farms to the onshore electrical transmission stations which will in turn, connect to the existing National Grid substation at North Killingholme in North Lincolnshire district, a distance of approximately 40 km. The application site is shown on the Works Plans (Offshore) (Document Reference 5.1), Works Plans (Onshore) (Document Reference 5.2) and the Works Plans (Intertidal) (Document Reference 5.3) and is described more fully in the Project Description (Document Reference 7.1.3).

\* 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

\* Easting

\* Northing

\* Document reference

\* Document reference

\* Document reference

*Continued from previous page...*



## 7. Associated development

\* Associated development is included within this application:

Yes  No

\* Document reference

\* Document reference

## 8. a) Consultation report



\* Document reference

\* Document reference

\* Document reference

\* Document reference

\* Document reference

## 8. b) Copies of newspaper notices



\* Document reference

## 9. Draft Order



\* Document reference

## 10. Explanatory Memorandum



\* Document reference

Continued from previous page...

Add another reference

### 11. Land Plan



\* Document reference

4.1 Land Plans

Add another reference

### 12. Works Plan



\* Document reference

5.1 Works Plans (Offshore)

\* Document reference

5.2 Works Plans (Onshore)

Remove this reference

\* Document reference

5.3 Works Plans (Intertidal)

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

6.1 Statement of Reasons

Add another reference

Funding statement document reference

6.2 Funding Statement

Add another reference

Book of Reference document reference

6.3 Book of Reference Part 1 of 5 (1 of 2)

Book of Reference document reference

6.3 Book of Reference Part 1 of 5 (2 of 2)

Remove this reference

Book of Reference document reference

6.3 Book of Reference Part 2 of 5

Remove this reference

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Book of Reference  
document reference

6.3 Book of Reference Part 3 of 5

Remove this reference

Book of Reference  
document reference

6.3 Book of Reference Parts 4 to 5 and  
Schedule

Remove this reference

Add another reference

#### 14. a) Environmental Impact Assessment (EIA) ?

\* Environmental Statement (ES) required:

Yes  No

\* ES Document Reference

\* ES Document Reference

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

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 ?



**Continued from previous page...**

\* Report required for this application:

Yes  No

\* Document reference

\* Document 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

\* 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

*Continued from previous page...*

\* Document reference

12.8 Statutory and non-statutory conservation and historic or scheduled monument sites plan (Offshore)

Remove this reference

\* Document reference

7.2.9 Marine Archaeology and Ordnance

Remove this reference

\* Document reference

7.3.6 Historic Environment

Remove this reference

Add another reference

## 18. Flood Risk Assessment



\* Flood risk assessment required:

Yes  No

\* Document reference

7.6.2.3 HVDC Converter/HVAC Substation Converter Station Flood Risk Assessment

\* Document reference

7.6.2.4 Tetney to Saltfleet Flood Risk Assessment

Remove this reference

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

9.1 Statement of Engagement

Add another reference

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



\* Issues are relevant for this application:

Yes  No

\* Document reference

10.1 Crown Plan (Offshore)

*Continued from previous page...*

\* Document reference

\* 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

## 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 below and in the following documents:  
Cable Statement - Document Reference 11.2  
Works Plans (Offshore) - Document Reference 5.1  
Works Plans (Onshore) - Document Reference 5.2  
Works Plans (Intertidal) - Document Reference 5.3  
Project Description - Document Reference 7.1.3  
Site Selection and Consideration of Alternatives - Document Reference 7.1.4

In addition, regulation 6(1)(b)(ii) requires a statement as to whether applications will be made for safety zones to be provided and this can be found in the Safety Zone Statement - Document Reference 11.1.

\* Document reference

*Continued from previous page...*

\* Document reference

5.2 Works Plans (Onshore)

Remove this reference

\* Document reference

5.3 Works Plans (Intertidal)

Remove this reference

\* Document reference

7.1.3 Project Description

Remove this reference

\* Document reference

7.1.4 Site Selection and Consideration of Alternatives

Remove this reference

\* Document reference

11.1 Safety Zone Statement

Remove this reference

\* Document reference

11.2 Cable 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). The proposed route and method of installation for any cable for the offshore and onshore works are provided in the Cable Statement (Document Reference 11.2) and the Project Description (Document Reference 7.1.3) and the route is detailed in the Works Plans (Document References 5.1, 5.2 and 5.3)

**Continued from previous page...**

\* 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). The Applicant has therefore supplied a Safety Zone Statement (Document Reference 11.1) 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

Project One/Project Two Interface (Document Reference 7.4.5.4)  
Compensation Compounds Plan (Document Reference 7.4.5.6)  
DCO/DML Coordinates Plan (Document Reference 12.11)

Document reference

Document reference

Document reference

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

Cover Letter to Planning Inspectorate (Document Reference 1.1)  
Transport Assessment (Document Reference 7.6.8.1)  
Planning Statement (Document Reference 12.1)  
Draft European Protected Species Licence: Method Statement and Supporting Information (Offshore) (Document Reference 12.2)  
Onshore European Protected Species Licence: Statement of Compliance (Document Reference 12.3)  
Outline Code of Construction Practice (Document Reference 12.4)  
Outline Ecological Management Plan (Document Reference 12.5)  
Confidential Outline Ecological Management Plan (Document Reference 12.5)  
Outline Landscape Scheme and Management Plan (Document Reference 12.9)  
Consents Management Plan (Document Reference 12.10)

Document reference

Document reference

Document reference

**Continued from previous page...**

Document reference

12.2 Draft European Protected Species Licence: Method Statement and Supporting Information (Offshore)

Remove this reference

Document reference

12.3 Onshore European Protected Species Licence: Statement of Compliance

Remove this reference

Document reference

12.4 Outline Code of Construction Practice

Remove this reference

Document reference

12.5 Outline Ecological Management Plan

Remove this reference

Document reference

12.5 Confidential Outline Ecological Management Plan

Remove this reference

Document reference

12.9 Outline Landscape Scheme and Management Plan

Remove this reference

Document reference

12.10 Consents 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

**Continued from previous page...**

\* 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) generation licences under section 6 of the Electricity Act 1989;
- (b) an EPS licence from the Marine Management Organisation (MMO) under regulation 49 of the Offshore Marine Conservation (Natural Habitats, c.) Regulations 2007 (see European Protected Species Licence Method Statement and Supporting Information (Offshore), Document Reference 12.2);
- (c) a safety zone notice under section 95 of the Energy Act 2004 (see Safety Zone Statement, Document Reference 11.1);
- (d) a decommissioning scheme under Chapter 3 of Part 2 of the Energy Act 2004;
- (e) consent under Section 16 of the Land Powers (Defence) Act 1958 for works near to or crossing Government Pipeline and Storage System (GPSS) Pipelines;
- (f) approvals from the Secretary of State, relevant local planning authority and relevant highway authority pursuant to the requirements contained in the DCO (see Part 3 of Schedule A of the DCO, Document Reference 3.1); and
- (g) approvals from the MMO, Secretary of State and Maritime and Coastguard Agency pursuant to the conditions contained in the deemed Marine Licences (see Schedule H of the DCO, Document Reference 3.1).

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

- (a) an EPS licence from the MMO and/or Natural England under regulations 53 to 55 of the Conservation of Habitats and Species Regulations 2010 (see European Protected Species Licence (Onshore) - Statement of Compliance, Document Reference 12.3);
- (b) consent from Natural England under sections 16 and 28E of the Wildlife and Countryside Act 1981;
- (c) a licence under Section 10 of the Protection of Badgers Act 1992;
- (d) a temporary traffic regulation order under section 14 of the Road Traffic Regulation Act 1984;
- (f) an exemption under the Merchant Shipping (Ship-to-Ship Transfers) Regulations 2010;
- (g) a wireless telegraphy licence under section 8 of the Wireless Telegraphy Act 2006; and
- (h) an environmental permit under the Environmental Permitting (England and Wales) Regulations 2010 in relation to discharge to water or groundwater.
- (i) Consent for placing apparatus in protected streets under section 61 of the NRSWA 1991;
- (j) A licence under section 24 of the Water Resources Act 1991 in relation to abstraction.

Further information can be found in the Consents Management Plan (Document Reference 12.10)

You must cite the document references as appropriate

* Document reference	12.2 Draft European Protected Species Licence: Method Statement and Supporting Information (Offshore)
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* Document reference	11.1 Safety Zone Statement
	<input type="button" value="Remove this reference"/>

* Document reference	3.1 Draft Development Consent Order
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* Document reference	12.3 Onshore European Protected Species Licence: Statement of Compliance
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**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