

Marine Renewable Energy Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

Marine (Scotland) Act 2010

IMPORTANT: Before completing this form, please read these notes carefully.

The following numbered paragraphs correspond to the questions on the application form and are intended to assist applicants in completing the form. These explanatory notes are specific to this application and so applicants are advised to read these in conjunction with the General Guidance document. If further clarification is needed please contact Marine Scotland Licensing Operations Team (MS-LOT) on 01224 295579 or email:

MS.MarineLicensing@scotland.gsi.gov.uk

Please refer to the General Guidance for information regarding payment methods.

Explanatory Notes

2. Applicant

The person, company or organisation making the application that will be named as the licensee on any licence issued.

3. Agent

Any person, company or organisation acting under contract (or other agreement) on behalf of any party listed in the answer to question 2, and having responsibility for the control, management or physical deposit of materials anywhere below the tidal limit of the mean high water springs (MHWS) (e.g. a consultancy company submitting the application or a contractor who will be carrying out the works.)

4. Duration of Project

Provide details of the proposed commencement and completion dates of the project. The start date will not normally be backdated, except in exceptional circumstances, since to commence a project for which a licence has not been obtained may constitute an offence resulting in appropriate legal action. A licence is normally valid for 1 calendar year or the duration of the project (whichever is longer). After this period, it may be necessary for licence holders to re-apply for a further licence to continue any ongoing work (i.e. the project will be reviewed to establish whether original details are being adhered to). Although Marine Scotland Licensing Operations Team (MS-LOT) will aim to write to licence holders one month before the expiry date of a licence, it is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

5. Description and Cost of the Proposed Project

- (a) This estimate should only cover work taking place below the tidal level of MHWS and should take into consideration the cost of materials, labour fees etc.
- (b) Where the project is expected to take longer than 12 consecutive months, this description must detail which elements are to be undertaken in the first 12 months, with an outline of the schedule for each further 12 month period (the method of work should be described in the answer to question 7). In the event that MS-LOT must undertake a wider consultation on your application this description may be used as a basis for informing other bodies as to the nature of the proposed work.
- (c) Best describe the type of work proposed. Where the project involves a number of elements, please complete all appropriate boxes.

6. Location of Project

Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points of the proposed project. In some cases, (e.g. the laying of cables) it may only be practicable to supply NGR or latitude and longitude co-ordinates for the start and end points.

NGR: Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.

Latitude & longitude: For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 55°55.55'N 2°22.22'W. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the datum should be explicitly marked, e.g. 55°55'44"N 2°22'11"W. For positions read from larger scale charts, e.g. 1:10,000, three decimal places of minutes should be used, e.g. 55°55.444'N 2°22.222'W.

It is important that the correct positions are included with this application, as any errors may result in the application being refused or delayed.

To supplement the information given in section 6, the following must be provided with the completed application form:

- a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which should be marked to indicate:
 - the full extent of the project in relation to the surrounding area;
 - either NGR or latitude and longitude co-ordinates defining the area of operation.
 - the level of MHWS;
 - any adjacent Special Area of Conservation (SAC), Special Protection Area (SPA), Site of Special Scientific Interest (SSSI), Ramsar or similar conservation area boundary.

These drawings/plans may be copied to others as part of the MS-LOT consultation process. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

7. Method Statement

Please provide a full method statement, including details of any temporary structures/deposits that may be required below MHWS during the project, the ultimate fate of the structure and material used in its construction. Details of temporary structures will be included in any licence issued.

Proposed measures to ensure the marine environment is adequately safeguarded during the project should also be described, as should those taken to minimise any interference with other uses of the sea or foreshore.

8. Permanent (and Temporary) Deposits

- (a) Complete the appropriate box(es) to indicate all materials to be deposited below MHWS. If you propose using types of materials for which a specific box is not provided, please describe the nature of such material in the box marked "Other".
- (b) If any materials to be placed below MHWS are to be brought to the site by sea, give details of the material (e.g. clean rock, average particle size) the vessels to be used,

A chart should also be provided showing the proposed vessel route to the project site and details of any transshipment areas (i.e. where material may be off-loaded to smaller vessels/barges for transport inshore).

If temporary deposits are required, please provide details as with the permanent deposits above. The temporary deposit location details (NGR or Lat/Long) should be added to section 6 of the form, and the period of time the site will be used must be provided. If issuing a licence, MS-LOT will include on the document details of any area that has been approved as a temporary deposit site

9. Producer/Contractor

The person, company or organisation whose activities produce the material intended for deposit in the sea (e.g. the dredging or excavation contractor).

10. Holder

The person, company or organisation that will be in possession of the waste prior to its deposit in the sea. This will include those providing temporary storage facilities or transporting the material to the vessel for conveyance to the sea disposal site etc.

11. Agent

Any person, company or organisation acting under contract (or other agreement) on behalf of any party listed in the answer to sections 1, 9 or 10 and having responsibility for the control, management or deposit anywhere below the tidal limit of MHWS (e.g. a consultancy company submitting the application or a contractor who will be carrying out the operations).

12. Duration of Dredging/Drilling Operation

Provide details of the proposed commencement and completion dates of the operations. The start date will not normally be backdated, except in exceptional circumstances, since to commence a project for which a licence has not been obtained may constitute an offence resulting in appropriate legal action. A licence may be issued for up to 3 calendar years, although MS-LOT will aim to write to licence holders two months before the expiry date of a licence, it is the licensee's responsibility to apply for any further licences or an extension prior to the expiry of the initial licence.

13. Details of Dredging/Drilling and Disposal Vessel(s)

The name, operator and type of vessel, including the type of dredging/drilling plant (e.g. cutter-suction) should be entered. If vessel details are not available at the time of application, please indicate this on the form as these details will be required prior to licence issue.

14. Method Statement of Dredging/Drilling Operation

Provide a full method statement of the dredging/drilling operation. This should include details such as the rate of dredging/drilling, timing of the operation, order of the areas to be dredged/drilled and the precautions taken to protect both navigation and the environment.

15. Use of Explosives

Indicate whether explosives are to be used as part of the dredging operations. If yes, please indicate if a method statement has been provided with your application. If a method statement has been produced but is not available, please provide an explanation in the space provided.

16. Details of Areas to be Dredged/Drilled

This section requires data to be provided about the source area to be dredged and the type of material to be deposited.

Name of Area - An annotated chart/location plan (either at A3 or A4 format) of suitable scale (1:2,500 but no more than 1:10,000) should be provided, with each proposed dredge area marked and named. The chart/location plan should show the full extent of the project in relation to the surrounding area. These drawings/plans may be copied to others as part of MS-LOT consultation procedures. If they are subject to copyright, **it is the responsibility of the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.**

Co-ordinates - Include a list of the National Grid References (NGR) or latitude and longitude co-ordinates of the boundary points for the proposed dredge areas.

- **NGR:** Should consist of two letters followed by 10 digits (e.g. TL6320031700) where the first 5 digits are the eastings (read from the south west corner of an Ordnance Survey map) and the last 5 digits are northings.
- **Latitude & longitude:** For positions read from charts of 1:25,000 scale or smaller, the format should be, e.g. 55°55.55'N 2°22.22'W. The decimal point specifies that decimals of minutes are used and the datum is stated explicitly. If seconds are used then the datum should be explicitly marked, e.g. 55°55'44"N 2°22'11"W. For positions read from larger scale charts, e.g. 1:10,000, three decimal

places of minutes should be used, e.g. 55°55.444'N 2°22.222'W.

Nature of Dredge/Drill Area - provide a description of the type of area to be dredged/drilled (e.g. river bed, sea, harbour, approach channel, estuary)

17. Details of Material to be Dredged/Drilled

Information is required for each of the areas listed in the answer to section 16. The applicant should indicate the following:

A pre-dredge survey and sediment chemical analysis report will be required by MS-LOT prior to the issue of a sea disposal licence. Please contact MS-LOT for details in relation to specific projects. In addition to those samples analysed by the applicant, sediment sub-samples must be submitted to MS-LOT as check monitoring may be required.

Physical Composition of Material - indicate the approximate proportions (by volume) of the different types of dredged materials which are expected to be removed from each area.

For the purposes of this application the following descriptions should be used:

Average particle size (Based on the Wentworth Table)		
Description	Lower range	Upper range
Boulders	256 mm+	
Cobbles	64 mm	256 mm
Pebbles	4mm	64 mm
Granules	2 mm	4mm
Sand	62 microns	2mm
Silt and clay		62 microns

Depth of Material to be Removed - indicate the maximum depth (in metres) below the current seabed level, to which it is expected dredging is to be carried out.

Estimated Specific Gravity - indicate the specific gravity of the material to be disposed.

Quantity to be Dredged/Drilled per Year - the amount of material to be dredged (per year) from each area. Indicate unit of measure, either in-situ cubic metres or metric tonnes.

18. Dredged/Drilled Material: Additional Information

Contamination - information should be given regarding contamination in any of the areas to be dredged/drilled e.g. waste discharges, man-made rubbish or industrial activity in close proximity.

Type of dredger - indicate the type of dredging plant to be used within each area.

Beneficial uses – include any intended beneficial use of material (details to be provided in the BPEO).

19. Details of Dredged/Drilled Material Quality

The applicant is required to have representative sediment samples analysed at a laboratory of choice. This is liable to extend the time required to consider your application **as no licence will be issued without provision of this chemistry data**. As part of the application consideration process, an assessment will be made of the

chemical and physical characteristics of the material to be deposited at sea and its potential effects upon the marine environment.

As part of the licence conditions, you may be required to take representative samples of the dredged/drilled material during the dredging/sea disposal operations for analysis by MS-LOT. In such cases, samples should be taken at specified locations and depths and placed in containers which will be provided. The samples should then be returned to MS-LOT at the Marine Laboratory Aberdeen. This process enables the UK to fulfil its obligations under international conventions.

20. Best Practicable Environmental Option (BPEO) Assessment

Under Part 4, Section 27(2) of the Marine (Scotland) Act 2010 (there is no equivalent provision under the Marine and Coastal Access Act 2009), the Licensing Authority has an obligation to consider the availability of practical alternatives when considering applications involving disposal of material at sea. In order for Marine Scotland to thoroughly assess the available alternative options and reach a properly considered decision, all sea disposal licence applications must be supported by a detailed assessment of the alternative options - a Best Practicable Environmental Option (BPEO) assessment. This should include a statement setting out the reasons which have led to the conclusion that deposit of the materials at sea is the BPEO. **Sea disposal applications will not be considered unless they are accompanied by a BPEO assessment.** All options in the BPEO should be explored fully (as per the guidance documents) otherwise your form and BPEO are liable to be returned to you thereby delaying processing of the application.

21. Sea Disposal Site Details

Provide details of the proposed sea disposal site for the dredged material and, if necessary, any alternative sea disposal site(s) considered. In determining whether to issue a licence, MS-LOT will take into account any site nominated by the applicant. However, should this site be unsuitable, the nearest suitable disposal site for the dredged material will be identified. Should you wish to establish a new site, please provide details in a covering letter with your application and MS-LOT will contact you to discuss your proposal before your application is determined. The cost of any site investigations to identify any new sea disposal site will normally be the responsibility of the applicant.

22. Other Consents

Detail all consents required for the proposed project and indicate those that you have applied for or received. In all cases the applicant must provide the name and address of the nearest Local Planning Authority for the location of the project.

23. Statutory Consenting Powers

Please describe in the answer to this question what (if any) statutory responsibilities you (or your client) have to consent any aspect of the project.

24. Advertising and Consultation

- (a) Confirm whether the proposed project has been advertised, and if so how and where?
- (b) Have the public been invited to comment on the proposed project? If so to whom and what was the closing date?
- (c) Have any consultation meetings been held with the public? If so where and when?

25. Consultation with Conservation Bodies

Consenting Authorities have a duty to ensure marine projects will not have a significant adverse environmental impact, particularly upon designated conservation areas (e.g. SSSI, SAC, SPA, Ramsar sites etc). All details of

consultations with conservation bodies (e.g. SNH, JNCC) should be given, particularly where the applicant has statutory powers for consenting aspects of the project

In addition, guidance can be obtained from www.foodstandards.gov.uk/ with regards to the Shellfish Waters Directive (2006/113/EC) which has parameters set to protect the water quality in which edible shellfish are grown.

26. Designated Conservation Areas

Indicate whether the proposed project is located within or close to the boundaries of a conservation area such as a SAC, SPA, SSSI or Ramsar site (further information can be found on the SNH SiteLink webpage <http://gateway.snh.gov.uk/>).

27. Environmental Assessment

Under the Marine Works (EIA) Regulations 2007, there may be a requirement for certain projects to undergo an Environmental Impact Assessment (EIA) and produce an Environmental Statement (ES). If an EIA/ES is deemed necessary, MS-LOT cannot issue a marine Licence until the outcome of the EIA/ES has been determined. Please indicate whether any EIA has been carried out in respect of the proposed project, either under your own powers or as required by another authority. If such an assessment has been undertaken, please indicate if a copy has been provided with your application. If the statement/assessment has been completed but is not available, please provide an explanation in the space provided.

Additionally, please also give details regarding if and where a copy has been/is being made available for public inspection.

Other Considerations

Applicants should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage". Please ensure that you have:

- completed **all** applicable sections of the application form;
- signed and dated the declaration;
- provided the correct relevant documents, charts, and continuation sheets (where necessary); and
- enclosed the correct payment (together with the remittance slip) or paid by means of BACS (if appropriate).

Otherwise your application may be delayed or returned to you.

Application for Marine Renewable Energy Projects in the Territorial Sea and UK Controlled Waters Adjacent to Scotland

(ML-003)

Marine (Scotland) Act 2010

It is the responsibility of the applicant to obtain any other consents or authorisations that may be required.

Under Part 4, Section 54 of the Marine (Scotland) Act 2010 and Section 101 of the Marine and Coastal Access Act 2009 all information contained within or provided in support of this application will be placed on the Public Register. There is no national security grounds for application information not going on the Register under the 2010 Act. Under the 2009 Act, application information goes on the Register unless the Secretary of State determines that it's disclosure in the Register would be contrary to the interests of national security.

Public Register

Is there any information contained within or provided in support of this application that you consider should not be included on the Public Register on the grounds that its disclosure

- (a) would be contrary to the interests of national security; or YES NO
- (b) would adversely affect the confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest? YES NO

If **YES**, to either (a) or (b), please provide full justification as to why all or part of the information you have provided should be withheld.

1. Project Title and Payment Details

Please give a brief identifiable description, including the location, of the project.

The Project is the Generating Station and Inter-array Cables of Neart na Gaoithe Offshore Wind Farm which is located approximately 15.5 km to the East of Fife Ness and will have an installed generating capacity of up to 450 MW.

Payment: Enclosed payment BACS **OR** Invoice

2. Applicant Details

Title	Initials	Surname	
Trading Title (if appropriate)	Neart na Gaoithe Offshore Wind Limited		
Address	Neart Na Gaoithe Offshore Wind Limited c/o Shepherd and Wedderburn 191 West George Street Glasgow G2 2LB		
Name of contact (if different)	Patricia Hawthorn		
Position within Company (if appropriate)			
Telephone No. (inc. dialing code)	0141 566 9900	Fax No. (inc. dialing code)	0141 565 1222
Company Registration No.	SC356223	Email	patricia.hawthorn@shepwedd.co.uk

3. Agent Details (if any)

Title	Initials	Surname	To be advised
Trading Title (if appropriate)			
Address			
Name of contact (if different)			
Position within Company (if appropriate)			
Telephone No. (inc. dialing code)		Fax No. (inc. dialing code)	

Company Registration No.

Email

4. Duration of Project

Start date

March 2015

Expected completion date

September 2016

5. Description and Cost of the Proposed Project

(a) Estimated gross cost of the works proposed seawards of the tidal limit of MHWS

£1,100 million

(b) Give a detailed description of the proposed schedule of work.

See Environmental Statement (Chapter 5: Project Description) and Project Drawings accompanying this application.

(c) Types of Work Proposed

General Marine Project (e.g. wave, tidal device, monopile turbine)

Offshore Wind Project - Generating Station and Inter-array Cables. See Environmental Statement (Chapter 5: Project Description).

Moorings (e.g. private, commercial):

N/A

Dredging/Drilling Operations

Drilling/Dredging may be required for installation of foundations/cables - See Environmental Statement (Chapter 5: Project Description).

6. Location of Project (including any temporary deposit locations)

This should include either National Grid References (NGR) or Latitude and Longitude co-ordinates defining the extent of the project.

In Degrees Decimal Minutes

Longitude

Latitude

002° 9.898' W

56° 15.271' N

002° 9.255' W

56° 12.721' N

002° 13.998' W 56° 12.752' N
 002° 16.293' W 56° 12.766' N
 002° 19.628' W 56° 15.479' N
 002° 20.055' W 56° 15.827' N
 002° 20.232' W 56° 17.430' N
 002° 17.826' W 56° 19.752' N
 002° 16.518' W 56° 20.312' N
 002° 14.910' W 56° 20.171' N

7. Method Statement

See Environmental Statement (Chapter 5: Project Description).

8. Permanent (and Temporary) Deposits

(a) Quantity of permanent (and temporary, where applicable) materials to be deposited below MHWS:

Type of Deposit	Nature of Deposit (P = Permanent, T = Temporary)	Deposit Quantity
Steel/Iron (Gravity Based Foundation - GBF)	Permanent	0 Tonnes N/A- No. (if applicable)
Steel/Iron (Jacket)	Permanent	12,480 (min) 90,375(max) Tonnes N/A- No. (if applicable)
Timber (GBF)	Permanent	0 m ³ /0 tonnes
Timber (Jacket)	Permanent	0 m ³ / 0 tonnes
Plastic/Synthetic (GBF)	Permanent	0 m ²
Plastic/Synthetic (Jacket)	Permanent	0 m ²
Concrete (GBF)	Permanent	143,360 (min) 507,500 (max) m ³
Concrete (Jacket)	Permanent	0 m ³
Silt (GBF)	Permanent	0 m ³
Silt (Jacket)	Permanent	16,512 (min) 90,000 (max) m ³
Sand (GBF)	Permanent	0 m ³
Sand (Jacket)	Permanent	16,512 (min) 90,000 (max)m ³
Gravel (GBF)	Permanent	Size range 8-32 (mm) Total 33,920(min) 231,250(max) m ³
Gravel (Jacket)	Permanent	Size range N/A (mm) 0 m ³
Stone/Rock (GBF)	Permanent	Size range 100-200 (mm) Total 46,720(min) 197,625(max) m ³
Stone/Rock (Jacket)	Permanent	Size range 100-200 (mm) Total 21,600(min) 42,187 (max) m ³
Concrete bags/mattresses (GBF)	Permanent	0 No. Dimensions: N/A Total 0 m ³
Concrete bags/mattresses (Jacket)	Permanent	0 No. Dimensions: N/A Total 0 m ³
Cable, inter-array (GBF)	Permanent	Length 85(min) 140(max) (km)
Cable, inter array (Jacket)	Permanent	Length 85(min) 140(max) (km)

Other (please describe below):

The quantities above vary depending on the type of foundation structure employed for the project. Accordingly, two cases have been defined above, namely gravity base foundations (GBF) and steel jacket foundations (Jacket), with the respective quantities provided for each case.

See Environmental Statement (Chapter 5: Project Description) for the type and nature of deposits anticipated. Further details on the quantity of deposits will be submitted when available.

- (b) Method of delivery of material.
(see Guidance Notes)

If necessary, please continue on a separate sheet and tick this box

IF THE PROJECT INVOLVES DREDGING/DRILLING (AND DISPOSAL OF DREDGED MATERIALS AT SEA) THEN PLEASE COMPLETE THE FOLLOWING SECTIONS, OTHERWISE PROCEED TO SECTION 22

9. Dredging/Drilling Contractor/Producer Details

Title	Initials	Surname	
Trading Title (if appropriate)	Near na Gaoithe Offshore Wind Limited		
Address	Near Na Gaoithe Offshore Wind Limited c/o Shepherd and Wedderburn 191 West George Street Glasgow G2 2LB		
Name of contact (if different)	Patricia Hawthorn		
Position within Company (if appropriate)			
Telephone No. (inc. dialing code)	0141 566 9900	Fax No. (inc. dialing code)	0141 565 1222
Company Registration No.	SC356223	Email	patricia.hawthorn@shepwedd.co.uk

10. Holder

If the Holder is also the Applicant (shown at 2) tick the box and go to section 11

If the Holder is also the Producer (shown at 9) of the material tick the box and go to section 11

Title	Initials	Surname	To be advised
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Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code)

Fax No.
(inc. dialing code)

Company Registration No.

Email

11. Agent

Title Initials Surname To be advised

Trading Title (if appropriate)

Address

Name of contact
(if different)

Position within Company
(if appropriate)

Telephone No.
(inc. dialing code)

Fax No.
(inc. dialing code)

Company Registration No.

Email

If more than one 'Agent' please continue on a separate sheet and tick the box

12. Duration of Dredging/Drilling Operation

When is it proposed to begin the dredging/drilling operation?

To be advised

When are dredging/drilling and disposal operations expected to be completed?

To be advised

13. Details of Dredging/Drilling and Disposal Vessel(s)

	Name of Vessel and Operator	Type of Vessel
(a)	To be advised	
(b)		

(c)		
(d)		

14. Method Statement for Dredging/Drilling Operation

Offshore Wind Project - Generating Station and Inter-array Cables dredging activities. See Environmental Statement (Chapter 5: Project Description) for details.

15. Use of Explosives

Will any part of the dredging operation involve the use of explosives?

YES NO

If YES,

Has a method statement regarding the use of explosives been submitted with this application?

YES NO

If a method statement is not being submitted, please provide an explanation as to why.

16. Details of Areas to be Dredged/Drilled

Dredge/Drill Areas	Name of Area to be Dredged/Drilled	Co-ordinates	Nature of Dredged/Drilled Area
A	Dredged area- gravity base foundations (GBF)	At all wind turbine locations, assuming the use of GBF throughout. Please see Chapter 5 of ES for further details.	Seabed dredged in order to support GBF & wind turbine structures.
B	Dredged area- inter-array cables	Along entirety of inter-array cable route excluding areas of rock armouring, in the case of both GBF & Jacket foundations. Please see Chapter 5 of ES for further details.	Seabed dredged by cable plough in order to bury/install inter-array cables.
C	Drilled area- piles for Jacket foundations, fully drilled or partly drilled, partly driven (drive-drill-drive scenario)	At all wind turbine locations, assuming the use of fully drilled or partly drilled, partly driven jacket foundations throughout. Please see Chapter 5 of ES for further details.	Seabed drilled to full length of piles for jacket foundations during fully drilled or partly drilled, partly driven installation process

D			
E			

If necessary please continue on a separate sheet and tick this box

17. Details of Material to be Dredged/Drilled

For each of the areas at rows A –E above (plus any listed separately), provide the following information:

Dredge/Drill Areas	Estimated Specific Gravity	Physical Composition of Material	Depth of Material to be Removed (metres)	Quantity to be Dredged/Drilled per Year (either in-situ m ³ or metric tonnes)*
A	1.6	To be confirmed, dependent on precise location and depth. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	Min- 1.5m Max- 4m	Min- 0m ³ Max- 320,000m ³
B	1.6	To be confirmed, dependent on precise location and depth. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	Min- 1m Max- 1.5m	Min- 95,625m ³ Max- 157,500m ³
C	1.6	To be confirmed, dependent on precise location and depth. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	Min- 28m Max- 38.5m	Min- 33,024m ³ Max- 180,000m ³
D				
E				

*Please note: the values in the “Quantity to be Dredged/Drilled per Year” column are **total** values, as opposed to “**per year**” values. This is considered to be the clearest means of presentation, owing to the inherent uncertainty in the calculation of quantities to be dredged/drilled in a given year. Also, dredged/drilled quantities in a given year (calendar or other 12 month period) may vary from the previous/following year, hence the presentation of total quantities for the project in the above table.

If necessary please continue on a separate sheet and tick this box

18. Dredged/Drilled Material: Additional Information

For each of the areas at rows A – E above (plus any listed separately), provide the following information:

Dredge/Drill Areas	Type of Contamination	Type of Dredger	Beneficial Uses
A	Uncontaminated material expected throughout. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	To be confirmed	To be confirmed
B	Uncontaminated material expected throughout. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	To be confirmed	To be confirmed
C	Uncontaminated material expected throughout. For info across NNG Site and Export cable see Appendix 14.1 – Table 4.1, Figure 4.1 and Table 4.15, Figure 2.3	To be confirmed	To be confirmed
D			
E			

If necessary please continue on a separate sheet and tick this box

19. Details of Dredged Material Quality

Has the dredged/drilled material been chemically analysed in the last 3 years? YES NO
 Can the samples be made available if required? YES NO

If **NO**, when will they be available?

Further sampling is planned once exact turbine locations confirmed and prior to construction

20. Best Practicable Environmental Option (BPEO) Assessment

Has an up to date BPEO assessment been included with your application? YES NO

21. Sea Disposal Site Details

Name of Disposal Site (or Oslo Code)		Co-ordinates of Disposal Site			
Oslo Dump Code	Dump site Name	Centre LAT DMD	Centre LON DMD	Center LAT DD	Centre LON DD
FO040	Firth of Forth (Old Anstruther & St Monans)	56°11.70'N	002°42.40'W	56.195	-2.7067

FO051	Pittenweem	56°12.50'N	002°38.40'W	56.2083	-2.64
FO060	Dunbar	56°02.00'N	002°27.00'W	56.0333	-2.45

22. Other Consents

Provide details below of all consents you have applied for or received.

Type of Consent	(Tick appropriate box)		Reference No.	Date of Issue of Consent
	Applied for	Not Applied for		
1. Local Planning Authority (LPA) (e.g. Town and Country Planning Act) Name and address of LPA for Location of proposed works:		Application to be submitted in August 2012.		
	East Lothian Council John Muir House Haddington EH41 3HA			
2. Land Owner e.g. The Crown Estate	✓	✓ Consent from Scottish Ministers and East Lothian Council to be applied for re beach works		AfL with Crown Estate dated 8 and 11 July 2011
3. Local Port or Harbour Authority e.g. local work licence		✓		
4. Scottish Environment Protection Agency (SEPA)		✓		
5. Others	✓ Section 36 applied for	✓ EPS Licence to be applied for		

23. Statutory Consenting Powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this project?

NNG will have a licence to generate electricity under Section 6 of the Electricity Act 1989.

24. Advertising and Consultation

Have these proposals been advertised to the public?
If **YES**, how and where?

YES NO

Consultation has been carried out by the developer in terms of the Section 36 application as part of the Environmental Impact Assessment.

Ten Consultation events have been carried out in Angus, Fife and East Lothian. Where these events have been stand alone (not part of a larger community event) they have been publicised using the local media (Newspapers & radio) and for the later events leaflets have been dropped through residential addresses.

Have the public been invited to submit comments?
If **YES**, to whom and by what closing date?

YES NO

At each consultation event the public have been invited to comment on the proposal. This has been done using a questionnaire which was handed out at the public events. The questionnaire has also been made available on-line. All the comments made have been included in the Pre-application with Communities Consultation Report. Comments can be accepted prior to the planning application(s) being submitted.

Have any consultation meetings with the public been arranged?
If **YES**, where and when are these to be held?

YES NO

The following community events have been held:

Three community events in Fife and Angus community halls - November 2010 (St Andrews, Crail and Carnoustie)

Four events at Summer fetes and galas - Summer 2011 (Carnoustie, Pittenweem, Anstruther & Dunbar)

Three community events in East Lothian community halls - Spring and Winter 2011 (Dunbar, Innerwick & Spott)

Further consultation events are planned for Summer 2012.

25. Consultation with Conservation Bodies

Provide details of any consultation with Conservations Bodies, and, if appropriate, include copies of any correspondence with your application.

Refer to Environmental Statement (Chapter 11: Nature Conservation).

26. Designated Conservation Areas

Are any parts of the proposed project located within the boundaries of a designated conservation area?

If yes, indicate approximate distance of the project from the boundary of the nearest conservation area(s)

No

If appropriate, are any parts of the proposed dredging and/or deposit operations located within the boundaries of a designated conservation area?

If yes, indicate approximate distance of the operations from the boundary of the nearest conservation area(s)

To be advised

27. Environmental Assessment

Has an Environmental Impact Assessment (EIA)/Environmental Statement (ES) been undertaken to support any application in respect of the project, your own statutory powers (if applicable) or any other reason? YES NO

If **YES**, is a copy of the EIA/ES included with this application? YES NO

If the EIA/ES has been undertaken but has not been included with this application, please provide an explanation below.

N/A

Is the EIA/ES available for public inspection? YES NO
If **YES**, at what locations:

Shepherd and Wedderburn LLP
5th Floor, 1 Exchange Crescent
Conference Square
Edinburgh
EH3 8UL

Shepherd and Wedderburn LLP
5th Floor, 191 West George Street
Glasgow
G2 2LB

Dunbar Library
Bleachingfield Centre
Dunbar
EH42 1DX

St Andrews Library
Church Square
St Andrews
KY16 9NN

Carnoustie Library
21 High Street
Carnoustie
DD7 6AN

Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

WARNING

It is an offence under the Act under which this application is made to fail to disclose information or to provide false or misleading information.

Signature	David Sweeney	Date	13/7/12
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Name in BLOCK LETTERS	DAVID SWEENIE
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Position within company (if appropriate)	OFFSHORE MANAGER - SCOTLAND
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Please check carefully the information you have given and that all the enclosures (including copies) have been included.

Application Check List

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|--|--|---|---|---|---|---|--|
| <ul style="list-style-type: none">• Completed application form x 1• Project drawings x 1
(or 7 paper copies if larger than A3 size and no electronic version is available)• Method Statement x 1• Maps/Charts x 1• Additional environmental information, eg. Photographs, Environmental Impact Assessment etc (if required) x 1• Payment (if paying by cheque) | <table border="1" style="border-collapse: collapse; width: 100%; height: 100%;"><tr><td style="text-align: center;">✓</td></tr><tr><td style="text-align: center;">✓</td></tr><tr><td style="text-align: center;">✓</td></tr><tr><td style="text-align: center;">✓</td></tr><tr><td style="text-align: center;">✓</td></tr><tr><td style="text-align: center;"> </td></tr></table> | ✓ | ✓ | ✓ | ✓ | ✓ | |
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