



Forthwind Ltd  
The Boathouse  
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KY3 0TZ

FAO: Kate Taylor,  
Marine Scotland - Marine Licensing and Operations Team  
Marine Laboratory  
PO Box 101  
375 Victoria Road, Aberdeen,  
AB11 9DB

Date: 29 April 2022

**RE: Forthwind Offshore Wind Demonstration Project, Methil, Fife - Applications for Section 36 consent, Section 36A consent and Marine Licence consent**

Dear Kate,

Forthwind Ltd has been granted rights by The Crown Estate to develop an offshore wind Demonstration Project in the Firth of Forth. In accordance with the following legislation:

ELECTRICITY ACT 1989

THE ELECTRICITY WORKS (ENVIRONMENTAL IMPACT ASSESSMENT) (SCOTLAND) REGULATIONS 2017

MARINE (SCOTLAND) ACT 2010

THE MARINE WORKS (ENVIRONMENTAL IMPACT ASSESSMENT) REGULATIONS 2017

Forthwind Ltd is seeking Section 36, section 36A and Marine Licence consent to construct and operate a wind farm in the Firth of Forth approximately 1.5 km from the coast of Methil (56°10'24.07"N; 003°01'19.06"W). This application excludes the onshore infrastructure associated with the Proposed Development, which will be subject to a separate planning application to the Local Planning Authority (Fife Council). The infrastructure for the Proposed Development will include:

- One Demonstration offshore wind turbine and sub-structure with an installed capacity of up to 20MW. The turbine will have 3 blades with a maximum turbine hub height of 156 m above Highest Astronomical Tide (HAT). The sub-structure will include the foundations and jacket (depending on foundation-type), with a maximum height to blade tip of up to 280.0 above HAT;
- An electricity export cable corridor, within which cable will be laid in a trench measuring approximately 1500 m in length. This will contain the cable that transmits the electricity generated by the turbine to the onshore transformer.



- One Meteorological Mast (metmast) and sub-structure comprising a lattice steel tower located at BNG 337314, 696959. A 100 m micro-siting allowance from the centre point for the metmast and associated infrastructure is required for the final selection of metmast location.
- A communications cable approximately 625 m in length, comprising a 20 mm<sup>2</sup> fibre optic cable, running alongside power cable will be located between the turbine and the metmast.

### **Documentation Enclosed and Application Fee**

Forthwind Ltd has provided the following information in compliance with Marine Scotland's checklist for submission:

- Forthwind Offshore Application Covering Letter (this letter).
- Marine Licence Application form for the Forthwind Offshore Demonstration Project.
- An electronic copy of the Forthwind Demonstration Project Environment Impact Assessment Report; comprising of:
  - Volume 1: Environment Statement
  - Volume 2: Figures and Visualisations
  - Volume 3: Technical Appendices
  - Volume 4: Compliance Plans
- Project Drawings, Maps and Charts (contained within Volume 2: Figures and Visualisations)
- Method Statement (contained within Section 3.6 Construction and Installation Methods of Volume 1: Environment Impact Assessment Report).

A declaration is sought from the Scottish Ministers under Section 36A extinguishing rights of navigation during construction (500m exclusion safety zone around construction works) for the Forthwind Offshore Demonstration Project.

The Section 36 and 36A consents are required for the operational life of the Demonstration Offshore wind farm. A Navigation Risk Assessment is presented in Volume 3: Technical Appendices, Technical Appendix 13a of the supporting Environment Impact Assessment Report (and provides the information needed to enable the Scottish Ministers to undertake the process specified in Section 36B (1) and (2) of the Electricity Act 1989.

### **Additional Application Requirements**

#### *1. Environmental Impact Assessment Report*

Pursuant to the requirements of the Marine Works (Environmental Impact Assessment) Regulations 2017 (the '2017 Regulations') and the Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017 an Environmental Impact Assessment (EIA) of the Projects (including the Transmission Infrastructure Assets) has been undertaken. The results of the EIA process are set out in the EIAR submitted with the applications.



## *2. Habitats Regulations Assessment*

The Conservation of Habitats and Species Regulations 2010, the Conservation (Natural Habitats &c.) Regulations 1994 and the Offshore Marine Conservation (Natural Habitats &c.) Regulations 2007 require the potential of a development to significantly impact a European site or a European Offshore site, as defined to be assessed. If a likely significant effect is determined then an Appropriate Assessment should be undertaken by the competent authority, in this case Marine Scotland on behalf of the Scottish Ministers.

Necessary data to support an Appropriate Assessment may be found within the Section 6.4.3.1 of the Environmental Impact Assessment Report. In addition, data pursuant to the above regulations is provided in Volume 3: Technical Appendices to enable Marine Scotland to undertake the required assessment.

## *3. Amenity Duties under the Electricity Act 1989*

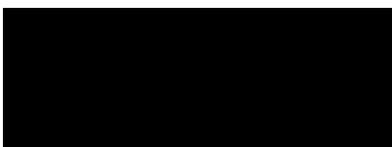
Prior to granting consent under Section 36 of the 1989 Act the Scottish Ministers must have regard to preserving natural beauty, conserving flora, fauna and geological and physiographical features of special interest.

The Environmental Impact Assessment Report contains the information required to enable the Scottish Ministers to have regard to these features and to allow them to comply with their statutory obligations.

This application and supporting documentation is available in electronic format online on the following website: [www.forthwind.co.uk](http://www.forthwind.co.uk)

I trust that the documentation provided meets with your requirements and we look forward to receiving your formal acceptance of the Application. If I can be of any further assistance, please do not hesitate to contact me.

Yours sincerely,



Gemma Lee

Project Manager

For and on behalf of Forthwind Ltd.