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30 July 2012

Your ref: 018/OW/AOWFL

**SUBMISSION OF ADDENDUM IN SUPPORT OF APPLICATION FOR CONSENT UNDER SECTION 36 OF THE ELECTRICITY ACT 1989 AND A MARINE LICENCE UNDER PART 4, SECTION 20 OF THE MARINE (SCOTLAND) ACT 2010 TO CONSTRUCT AND OPERATE AN OFFSHORE WIND-FARM, ABERDEEN BAY, ABERDEEN**

Dear Mr Sutherland,

Please find enclosed '2012 Environmental Statement (ES) Addendum' submission in support of the above application submitted in August 2011.

As you are aware, an application for an Offshore Wind Farm requires some flexibility to enable subsequent detailed design. This is particularly important in the context of the scheme to be developed as a demonstrator site. In order to carry out an environmental assessment of the project, the project parameters require to be defined and sufficient information provided to enable the identification of likely environmental impacts and likely significant effects.

Consequently the August 2011 ES outlined a project description known as a 'Rochdale Envelope' whose turbine parameters were based on the best available information at the time. Subsequent to this we have been able to gain further clarity on the likely parameters and characteristics of turbines which could potentially be installed at the European Offshore Wind Demonstrator Centre (EOWDC). As outlined in our letter of 18<sup>th</sup> May 2012, we have therefore made an adjustment to our Rochdale Envelope.

As agreed with SNH, RSPB and Marine Scotland, the Addendum is comprised of additional baseline information as well as updated environmental assessment information. Thank you for all your assistance in liaising with the statutory consultees to discuss and agree the details of the addendum submission. The Addendum contains the following information:

- An introduction to the Addendum, including minor adjustments to turbine dimensions which form a part of the project description information, known as the 'Rochdale Envelope' and including a tabulated summary of ES chapters and rationale for undertaking additional assessment due to the Rochdale adjustment.
- An additional visualisation from Girdleness lighthouse.

- Results of a geo-locational study into golf courses and Round 1 offshore wind farms and additional visualisations from 3 golf courses in Aberdeen city and Aberdeenshire.
- Supporting statement, ZTVs and representative viewpoints of landscape and visual effects taking account of the adjustments to the Rochdale Envelope and preliminary landscape and visual design principles for the scheme.
- Additional bird and marine mammal baseline data; updated ornithological collision risk modelling resulting from the updated Rochdale Envelope; updated collision risk modelling technical note; updated ornithological impact assessment, including an updated Appendix A & Appendix B to the ornithological impact assessment (note that due to its size Appendix B is supplied as a separate document) and updated information to inform a Habitats Regulations Assessment (HRA). Please note that the HRA draws on information presented in the other ornithological documents (as listed above) and the HRA should be read in conjunction with these other documents.

*Note that a list of the contents by document name is provided overleaf*

We enclose 3 hard copies of the 2012 Environmental Statement Addendum and will supply 36 CDs following acceptance of the addendum. Once we have received approval from Marine Scotland copies of the addendum will be provided to statutory consultees in the quantities and formats requested and we will place adverts in the following publications for 2 successive weeks:

- Edinburgh Gazette
- The Scotsman
- Press & Journal
- Buchan Observer
- Ellon Times

During the advertising period, the 2012 Addendum to the August 2011 Environmental Statement will be available for the public to view at the following locations:

Vattenfall Wind Power Ltd 3 <sup>rd</sup> Floor, The Tun Holyrood Road Edinburgh EH8 8AE	Balmedie Library Eigie Rd Balmedie AB23 8YF
Aberdeen Central Library Rosemount Viaduct Aberdeen AB25 1GW	Peterhead Library 51 St Peter Street Peterhead AB42 1QD
Ellon Library Station Road Ellon AB41 9AE	Bridge Of Don Library Scotstown Road Bridge Of Don Aberdeen AB22 8HH

The documents can also be downloaded from : <http://www.vattenfall.co.uk/en/aberdeen-bay.htm>

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### **Volume 1 ES Addendum: Rochdale Adjustments, R&D proposals and Landscape & Visual Assessment**

1. AOWFL Addendum June 2012 Addendum Application Letter to Marine Scotland
2. AOWFL Addendum June 2012 Introduction to Addendum and Rochdale Adjustment (*this document*)
3. AOWFL Addendum June 2012 R&D Proposals & Responses
  
4. AOWFL Addendum June 2012 Golf Course and Offshore Wind farm Study
5. AOWFL Addendum June 2012 Golf Course Visuals- Photomontages
6. AOWFL Addendum June 2012 Golf Course Visuals - Wireframes
  
7. AOWFL Addendum June 2012 Supporting Statement to Rochdale Adjustment
8. AOWFL Addendum June 2012 Rochdale Visuals - Height Study
9. AOWFL Addendum June 2012 Rochdale Visuals - Zoning Scenarios
10. AOWFL Addendum June 2012 ZTV – Comparative ZTV on Bareground
11. AOWFL Addendum June 2012 ZTV – Comparative ZTV of Blade Tips with Obstructions in Aberdeen
12. AOWFL Addendum June 2012 ZTV - Comparative ZTV of Blade Tips with Obstructions
  
13. AOWFL Addendum June 2012 Additional Visual – Girdle Ness Lighthouse

### **Volume 2 ES Addendum : Ornithology and Marine Mammals**

1. AOWFL Addendum June 2012 Revised Ornithological Collision Risk Modelling Technical Note
2. AOWFL Addendum June 2012 Revised Ornithology ES Chapter
3. AOWFL Addendum June 2012 Revised Habitats Regulations Assessment
4. AOWFL Addendum June 2012 Revised Appendix B Bird Distribution Figures
5. AOWFL Addendum June 2012 Revised Ornithological Baseline and Impact Assessment
6. AOWFL Addendum June 2012 Revised Marine Mammal Baseline

I would be grateful if you could confirm your acceptance directly to my colleagues Mike Bird and Joanna Oakey via email to [mike.bird@vattenfall.com](mailto:mike.bird@vattenfall.com) and [joanna.oakey@vattenfall.com](mailto:joanna.oakey@vattenfall.com)

I look forward to receiving your feedback on our proposals.

Yours Sincerely

Nathalie Stevenson

Aberdeen Offshore Wind Farm Limited