

ERECTION OF UP TO TWO HUNDRED & SEVENTY SEVEN WIND TURBINES & ANCILLARY INFRASTRUCTURE AT 25 KM SOUTH SOUTH-EAST OF WICK, CAITHNESS CONSENT REF: 003/0W/BOWL

PRIMARY RADAR MITIGATION SCHEME FOR THE ADVERSE IMPACTS TO THE PRIMARY SURVEILLANCE RADAR AT ALLANSHILL AND ASSOCIATED AIR TRAFFIC OPERATIONS OF NATS (EN ROUTE) PLC ("NATS") (CONDITIONS 22 & 23)

NATS UNIQUE CRM NUMBER:- 1815

INTRODUCTION

1. Consent was granted on 19th March 2014 by the Scottish Ministers ("Scottish Ministers").

2. The Consent included the following conditions:

22. No turbine shall be erected until the Developer has agreed a Primary Radar Mitigation Scheme (PRMS) with the Operator which has been submitted to and agreed in writing by the Scottish Ministers in order to mitigate the impact of the development on the Primary Radar Installation at Allanshill.

23. No turbine shall be erected unless and until the approved Primary Radar Mitigation Scheme has been implemented and the development shall thereafter be operated fully in accordance with such approved Scheme.

For the purpose of conditions 22 and 23 above:

"Operator" means NERL (En Route) pic, incorporated under the Companies Act (4129273) whose registered office is 4000 Parkway, Whiteley, Fareham, Hants PO15 7FL or such other organisation licensed from time to time under sections 5 and 6 of the Transport Act 2000 to provide air traffic services to the relevant managed area (within the meaning of section 40 of that Act).

"Primary Radar Mitigation Scheme" or "Scheme" means a detailed scheme agreed with the Operator which sets out the measures to be taken to mitigate at all times the impact of the development on the Allanshill primary radar and air traffic management operations of the Operator.

3. NATS is the provider of en route Air Navigation Services for United Kingdom Airspace. NATS is regulated by the Civil Aviation Authority and has a duty under licence to provide safe and efficient air traffic management operations. The developer accepts that without appropriate technical mitigation measures, the development will cause an unacceptable impact on the primary radar of NATS located at Allanshill and associated air traffic control operations.

4. The developer has been in discussions with NATS regarding potential mitigation for the adverse aviation impacts of the development. This document is the "Primary Radar Mitigation Scheme" for the purposes of the above planning conditions in respect of Consent.

MITIGATION SCHEME REQUIREMENTS

5. Development may commence for the purposes of condition 22. However, no turbine shall be erected, nor condition 23 discharged, until the Scottish Ministers (following consultation with NATS) have provided written confirmation that the technical mitigation measures detailed in paragraph 11 ("Mitigation Measures") will be fully installed and integrated into NATS's infrastructure and validated by NATS.

6. Following the discharge of each of the requirements at paragraph 5 and at least 4 weeks prior to the first blades being fitted to any turbine, the developer shall provide the Scottish Ministers (and copied to NATS -contact details below) with a schedule of intended dates for blades to be fitted to each turbine and for each turbine to be first operated. If any of the dates will be materially different from those set out in the submitted schedule, then notice of the revised date(s) shall as soon as reasonably practicable be provided to the Scottish Ministers in writing by the developer (copied to NATS).
7. Subject to the view of the Scottish Ministers and following consultation with NATS, the turbines shall not be sited more than 50 metres in any direction from their original location as described in the co-ordinates given at Annex 1 to this document.
8. The developer shall not operate any of the turbines in any period unless it has procured through arrangements with NATS that the Mitigation Measures are provided, maintained, managed, renewed, updated and decommissioned as necessary for the life of the operation of the development (or any part thereof) at the developer's expense unless the Scottish Ministers confirms in writing following consultation with NATS that such Mitigation Measures are no longer required.
9. The turbines shall not be operated by any person other than Beatrice Offshore Windfarm Limited (Company Number SC350248) of Inveralmond House, 200 Dunkeld Road, Perth, PH1 3AQ unless the Scottish Ministers has confirmed in writing that it is satisfied that such person has entered into direct arrangements with NATS for the long term provision, maintenance, management, renewal, update and decommissioning of the Mitigation Measures (save where the Scottish Ministers has confirmed in writing following consultation with NATS that such arrangements are no longer required).
10. In the event that mitigation is no longer required and in any event when all of the turbines have permanently ceased operation, the Developer shall arrange for the decommissioning of the Mitigation Measures at its expense.

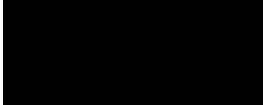
MITIGATION MEASURES

11. The implementation, maintenance, management, renewal and update of a mitigation solution for the impacts of the development on the primary radar of NATS at Allanshill and associated air traffic management operations through the creation of a plot suppression zone in the infrastructure of NATS in relation to the airspace affected by the development, as may be amended or upgraded where reasonably required.

SIGNED FOR AND ON BEHALF OF BEATRICE OFFSHORE WINDFARM LIMITED:

NAME: 
TITLE: SENIOR AVIATION PROJECT MANAGER
DATE: 27/07/15

SIGNED FOR AND ON BEHALF OF NATS (EN ROUTE) PLC:


NAME: Alasdair Auld
TITLE: NATS Safeguarding
DATE: 24/07/15

PRMS ANNEX 1 Turbine Co-ordinates

Boundary Point	Easting	Northing
A	347402	923462
B	344218	919952
C	342802	921863
D	340606	923616
E	342258	927119
F	346177	933514
G	346424	935664
H	350332	938124
I	356044	934825
J	347402	923462

