

Oriel Wind Farm Project Planning Particulars



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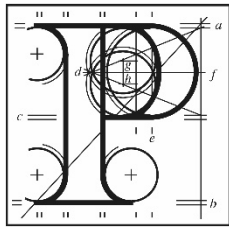
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Schedule 1: Planning Application Form





An
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Application Form for Permission in respect of a Maritime Area Planning Application.

1.

Please specify the statutory provision under which your application is being made:	Section 291 of Planning and Development Act 2000 (as amended)
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2. **Applicant:**

Name of Applicant:	Oriel Windfarm Limited
Address:	Digital Office Centre, Balheary Road, Swords, Co. Dublin. K67 E5AO
Telephone No:	01 963 0313
Email Address (if any):	contact@orielwindfarm.ie

3. Where Applicant is a company (registered under the Companies Acts):

Name(s) of company director(s):	Daniel O'Connor, Eric Antoons, François Van Leeuw, Gary Connolly, Richard Scott
Registered Address (of company)	Digital Office Centre, Balheary Road, Swords, Co. Dublin. K67 E5AO
Company Registration No.	318186
Telephone No.	01 963 0313
Email Address (if any)	contact@orielwindfarm.ie

4. Person / Agent acting on behalf of the Applicant (if any):

Name:	Valerie Brennan
Address:	West Pier Business Campus, Dun Laoghaire, Co. Dublin A96 N6T7
Telephone No.	01 488 2900
Mobile No. (if any)	
Email address (if any)	valerie.brennan@rps.tetrattech.com

Should all correspondence be sent to the above address? (Please tick appropriate box)

(Please note that if the answer is “No”, all correspondence will be sent to the Applicant’s address)

Yes: [] No:[]

Contact Name and Contact Details (Phone number) for arranging entry on site if required / appropriate:

Richard Church

Email: richard.church@parkwind.eu

Mobile: 086 7813641

5. Person responsible for preparation of Drawings and Plans:

	Onshore Drawings;	Offshore Drawings;
Name:	Mairéad Hogan	Richard Church
Firm / Company:	ESB Engineering and Major Projects	Oriel Windfarm Limited
Address:	One Dublin Airport Central, Dublin Airport, Cloghran, Co, Dublin. K67 XF72	Digital Office Centre, Balheary Road, Swords, Co. Dublin. K67 E5AO
Telephone No:	01 703 800	01 963 0313
Mobile No:	086 310 1920	086 7813641
Email Address (if any):	Mairead.hogan@esb.ie	richard.church@parkwind.eu
<p>Details all plans / drawings submitted – title of drawings / plans, scale and no. of copies submitted. This can be submitted as a separate schedule with the application form.</p> <p>Details referred to in article 4 of the Planning and Development (Maritime Development) Regulations 2023. This can also be submitted as a separate schedule with the application form.</p>		Enclosed: Please see Schedule 2 of the Planning Particulars.

6. Site:

<p>Site Address / Location of the Proposed Development (as may best identify the land or structure in question)</p>	<p>The Offshore Wind Farm site is located in the maritime area and is positioned approximately 22 km east of Dundalk town centre, 18 km east of Blackrock, 6 km south of the Cooley Peninsula and 10 km north-east of Dunany Point.</p> <p>The Onshore Infrastructure is located approximately halfway between Drogheda and Dundalk, to the west of the town of Ardee, within the townlands of Dunany, Mitchelstown, Port, Nicholastown (Electoral Division of Dysart in the Barony of Ferrard), Boycetown, Togher, Clonmore, Tullydonnell, Corstown (Electoral Division of Drumcar in the Barony of Ardee), Corstown (Electoral Division of Dunleer in the Barony of Ferrard), Drumcar, Mullincross, Charleville, Dromgoolestown, Richardstown (Electoral Division of Stabannan in the Barony of Ardee), Harristown and Stickillin in Co. Louth.</p>
<p>Ordnance Survey Map Ref. No. (and the Grid Reference where available)</p>	<p>Enclosed: Please see Schedule 3 of the Planning Particulars.</p>
<p>Where available, please provide the application site boundary, as shown in the submitted plans / drawings, as an ESRI shapefile in the Irish Transverse Mercator (ITM IRENET95) co-ordinate reference system. Alternatively, a CAD file in .dwg format, with all geometry referenced to ITM, may be provided. This information will be provided digitally, by email.</p>	
<p>Area of site to which the application relates in square kilometres</p>	<ol style="list-style-type: none"> 1. The Offshore Wind Farm Area is approximately 27.7 km² 2. The Offshore Cable Corridor Area is approximately 25 km² 3. The Onshore Infrastructure Area (including the onshore substation site) is approximately 0.5 km² <p>The total Area to which the application relates is approximately 53.2 km².</p>
<p>Existing use of the site & proposed use of the site:</p>	<p>Existing Use: The offshore elements are located in the marine area and this area has not yet been developed to date for any specific use. The onshore cable is located primarily along a number of public roads. The</p>

	<p>onshore substation is located on agricultural land.</p> <p>Proposed Use: The proposed use is an offshore wind farm and all associated infrastructure.</p>
Name of the Coastal Planning Authority(s) in whose functional area the site is situated	Louth County Council

7. Obligation to obtain permission to carry out development:

Are you in possession of a Maritime Area Consent or a licence granted under section 3 of the Foreshore Act, 1933?
Yes: [<input checked="" type="checkbox"/>] No: [<input type="checkbox"/>]
Provide copy of Maritime Area Consent or copy of licence. Enclosed: Please see Schedule 6 of the Planning Particulars.

8. Site History:

Details regarding site history (if known):	
Louth County Council (LCC) Reg. Ref. 21/417 An Bord Pleanála Reg. Ref. ABP-310692-21	Permission for construction of an 18 metre high free standing communications structure with its associated antennae, communication dishes, ground equipment and all associated site development works. Permission granted by An Bord Pleanála 02/11/2021.
LCC Reg. Ref. 22/27	Permission for the construction of a road underpass for the movement of dairy cattle and ancillary works (i.e. drainage tanks and drainage, approach roads on each side of underpass and minor revisions to roadside boundaries all for agricultural purposes only) along with permission for the construction of 3 no. calf sheds with ancillary concrete yard areas. Permission was granted by LCC on 07/11/2022.
LCC Reg. Ref. 23/399	Permission for the change of use of part of the ground floor from residential to restaurant use. A new rear single storey flat roof extension. New window openings and reconfiguration of existing openings to front, rear and side elevations. New opening for kitchen extracts. New enclosed bin store. Replace existing metal roof with new metal roof. New illuminated advertising to

	existing building and stand-alone illuminated advertising to perimeter of site. Demolish and rebuild unsafe existing store to front. New outdoor seating area associated with change of use within existing front garden. New pedestrian access path connecting the new outdoor seating area with the parking area to the rear. New parking layout including electrical vehicle charging spaces and bicycle parking. Closing up of existing vehicle entrance and formation of new vehicle entrance. All associated landscaping, drainage, ancillary site works and services. Further information requested on 26/10/2023 and a clarification of further information was requested on 16/05/2024.
LCC Reg. Ref. 23/60325	Permission for works associated with the proposed uprate of the existing Louth – Woodland 220 kV overhead powerline (OHL) between the existing Louth 220 kV substation in the townland of Monavallet, Co. Louth and the existing Woodland 220 kV substation in the townland of Woodland, Co. Meath. Permission was granted by LCC on 20/11/2023.

**Note: Further details of planning history can be found in the Planning Report*

9. Description of the Proposed Development:

Brief description of nature and extent of development	<p>The proposed development consists of the following principal elements:</p> <p>A. Offshore renewable energy infrastructure in the outer maritime area located between approximately 6 km south of Cooley Point and approximately 10 km north-east of Dunany Point across an offshore wind farm area of approximately 27.7 km² and consisting of the following:</p> <ol style="list-style-type: none"> i. 25 No. offshore wind turbines with a maximum tip height of 270 m above the Lowest Astronomical Tide (LAT) attached to the seabed by monopile foundations with associated scour protection and with a combined Maximum Export Capacity of 375 MW. ii. A network of 41 km of 66 kV subsea inter-array cables linking each of the proposed offshore wind turbines to the offshore substation including associated cable protection. iii. 1 No. offshore substation with a height of 48 m above LAT attached to the seabed by a monopile foundation with associated scour
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	<p>protection. This includes a prefabricated structure containing electrical equipment and ancillary equipment including a telecommunications mast.</p> <p>B. A single 16 km long 220 kV subsea export cable and associated cable protection located within an offshore cable corridor of approximately 25 km² between the south-west corner of the offshore wind farm area and a landfall which is situated approximately 700 m south of Dunany Point.</p> <p>C. An underground Transition Joint Bay (TJB) at the proposed landfall in the townland of Dunany. The TJB consists of a fully buried concrete chamber with a total area of 32.5 m², where the proposed offshore export cable will be connected to the underground onshore export cables.</p> <p>D. Installation of underground onshore export cables, approximately 20.1 km in length, connecting the proposed TJB in the townland of Dunany to the proposed onshore substation in the townland of Stickillin. The cables will be laid in a standard trench of approximately 700 mm in width and 1425 mm in depth.</p> <p>E. Installation of fibre optic, telecommunication and other associated cabling all carried in underground ducts within the proposed trench.</p> <p>F. Installation of 2 No. additional fibre optic cable ducts within the underground cable trench of approximately 1500 mm in width, from the proposed onshore substation in the townland of Stickillin along the N33 for approximately 3 km and connection into a 110 kV double wooden poleset on the existing Drybridge-Louth 110kV overhead line in the townland of Richardstown, (Electoral Division of Stabannan).</p> <p>G. Installation of the cables will require associated joint bays and link boxes, located at approximately 700 m intervals along the underground cable alignment. The cable installation will also require the construction of temporary passing bays and the use of either Horizontal Directional Drilling (HDD) or open cut construction techniques for utility crossings of water, rail, gas and motorway.</p> <p>H. A new onshore electricity substation adjacent to the proposed connection point in the townland of</p>
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	<p>Stickillin. The onshore substation will comprise of the following main elements:</p> <ol style="list-style-type: none"> i. Compound 1 Onshore Transmission Connection comprising: <ul style="list-style-type: none"> • 220 kV Gas Insulated Switchgear (GIS) equipment contained within a building of approximately 20 m x 60 m and a height of 17 m. • 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the GIS building. • A lattice steel telecommunications mast of 36 m in height. • 5 No. associated car parking spaces, an internal access road 5 m in width and a house transformer. ii. Compound 2 Offshore Transmission System comprising: <ul style="list-style-type: none"> • 220 kV Air Insulated Switchgear (AIS) equipment at an approximate height of 10 m, including a transformer bay, 2 No. harmonic filter bays, shunt reactor bay, 2 No. cable bays, 220 kV busbar, and ancillary control equipment. • A control building of 34 m x 10 m and a height of 11 m with up to 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the building. • A statcom building of 14 m x 28 m and a height of 10 m with associated ancillary equipment. • 12 No. lightning protection poles of approximately 20 m in height will be placed within the compound. It will include a lattice steel telecommunications mast of approximately 36 m in height, standby diesel generator and a house transformer. • 4 No. associated car parking spaces and an internal access road 5 m in width. iii. Entrance Compound providing access to Compound 1 and Compound 2 and including: <ul style="list-style-type: none"> • A telecommunications building of 15 m x 4 m and a height of 4 m. • A standby diesel generator and 1 no car parking space. iv. Common Areas:
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	<ul style="list-style-type: none"> • All compounds will be bounded by a 2.6 m high green palisade security fence / gates. • The existing entrance will be widened to 6 m in width. • 1.4 m high property fence / gates will surround the site. • All associated landscaping. • All other associated site development works such as surface water infrastructure and attenuation tanks to facilitate development. <p>I. 2 No. line cable interface masts of 27 m in height will be constructed adjacent to the onshore substation. This will require an existing 220 kV tower (31 m in height) and associated infrastructure to be decommissioned.</p> <p>J. A temporary construction compound adjacent to the onshore substation with a footprint of approximately 12,860 m² including welfare and storage areas. 3 No. additional temporary construction compounds located along the onshore cable route varying in footprint from 3,000 m² to 4,200 m² and 8 No. temporary HDD compounds (4 off road HDD's) varying in footprint from 100 m² to 4,500 m².</p> <p>K. All associated and ancillary above and below ground development including works comprising or relating to construction works, roadworks, excavation (including HDD) and vegetation clearance.</p> <p>Planning permission is sought for a period until the expiry of the Maritime Area Consent for the Project on 22 December 2067.</p>
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10. Development Details:

Please tick appropriate box:	If answer is yes please give details	YES	NO
Does the application relate to work within or close to a European Site or a Natural Heritage Area?		X	
Does the development require the preparation of a Natura Impact Statement?		X	
Does the proposed development require the preparation of an Environmental Impact Assessment Report?		X	

Do you consider that the proposed development is likely to have significant effects on the environment in a transboundary state?		X
Does the application relate to a development which comprises or is for the purpose of an activity requiring an integrated pollution prevention and control license		X
Does the application relate to a development which comprises or is for the purpose of an activity requiring a waste license?		X
Do the Comah Regulations 2015 (Control of Major Accident Hazards) apply to the proposed development?		X

**Note: Please see NIS and EIAR for further details.*

11. Notices:

Details of public newspaper notice – paper(s) and date of publication
<p>The project has been advertised in the following newspapers on the following dates:</p> <ol style="list-style-type: none"> 1. Irish Independent, 21 May 2024 2. The Dundalk Democrat, 21 May 2024 <p>Copy of page(s) of relevant newspaper enclosed Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/></p> <p>Enclosed: Please see Schedule 4 of the Planning Particulars.</p>
Details of other forms of public notification, if appropriate e.g. website
<p>For a full copy of the Maritime Area Planning Application, please refer to: https://www.orielwindfarm-marineplanning.ie</p> <p>For more publicly available information about the project in general, please refer to: https://www.orielwindfarm.ie/</p>

12. Pre-application Consultation:

Date(s) of statutory pre-application consultations with An Bord Pleanála
<p>Schedule of any other pre application consultations – name of person / body and date of consultation to be provided as appropriate and also details of any general public consultations i.e. methods, dates, venues etc. This can be submitted as a separate schedule with the application form.</p> <p>Enclosed: Please see Schedule 8 of the Planning Particulars.</p> <p>Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/></p>

Schedule of prescribed bodies to whom notification of the making of the application has been sent and a sample copy of such notification.

Enclosed: Please see Schedule 9 of the Planning Particulars.

Yes: [] No:[]


13. Confirmation Notice:

Copy of Confirmation Notice
<p>Attach a copy of the confirmation notice in relation to the EIA Portal where an EIAR accompanies the application.</p> <p>Enclosed: Please see Schedule 10 of the Planning Particulars.</p>

14. Application Fee:

Fee Payable	€ 100,000
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I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and that the application documents being deposited at the planning authority offices, and any other location specified by the Board in pre application consultations, including a website (if any) will be identical to the application documents being deposited with the Board.

Signed: (Applicant or Agent as appropriate)	
Date:	24 May 2024

General Guidance Note:

The range and format of material required to be compiled / submitted with any application in respect of a proposed maritime area development shall generally accord with the requirements for a planning application as set out in the Regulations and those Regulations should therefore be consulted prior to submission of any application.

Schedule 2: Drawings Schedules



PLANNING PARTICULARS

Details of all plans / drawings submitted – title of drawings / plans, scale and no. of copies submitted.

Please note that in all instances, 2 no. of hard copies and 8 no. soft copies have been submitted.

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
A. OFFSHORE INFRASTRUCTURE DRAWINGS					
A01	PE605-D027-038-002	REGIONAL CONTEXT MAP	A1	As shown	A01 PE605-D027-038-002 REGIONAL CONTEXT MAP.pdf
A02	ORI-00-0009-GEN-OV-ASSETS-A1_3.0-100	PROPOSED LAYOUT OF OFFSHORE INFRASTRUCTURE	A1	1:50,000	A02 ORI-00-0009 LAYOUT OF OFFSHORE INFRASTRUCTURE.pdf
A03	ORI-00-0009-GEN-OV-ASSETS-BATHY-A1_2.0-100	OFFSHORE WIND FARM AREA AND OFFSHORE CABLE CORRIDOR BATHYMETRY	A1	1:25,000	A03 ORI-00-0009 BATHYMETRY.pdf
A04	ORI-00-0009-SAR-A1_1.0-100	PROPOSED SEARCH AND RESCUE ACCESS CORRIDORS	A1	1:25,000	A04 ORI-00-0009 SEARCH AND RESCUE ACCESS CORRIDORS.pdf
A05	ORI-00-0009-SAR-A1_1.0-100	SEARCH AND RESCUE WTG ALIGNMENT	A1	1:20,000	A05 ORI-00-0009 SEARCH AND RESCUE WTG ALIGNMENT.pdf
A06	ORI-03-0003-PROPOSED-WTG-FV-SV-A1_2.0-100	PROPOSED OFFSHORE WIND TURBINE	A0	1:500	A06 ORI-03-0003 PROPOSED OFFSHORE WIND TURBINE.pdf
A07	ORI-03-0003-Blade-A1_1.0-100	GENERAL ARRANGEMENT OF WIND TURBINE BLADE	A1	1:200	A07 ORI-03-0003 PROPOSED WIND TURBINE BLADE.pdf
A08	ORI-03-0003-Nacelle-A1_1.0-100	GENERAL ARRANGEMENT OF NACELLE	A1	1:200	A08 ORI-03-0003 WTG PROPOSED NACELLE.pdf
A09	ORI-03-0003-WTG-Foundation-A1_1.0-100	GENERAL ARRANGEMENT OF WTG FOUNDATION	A1	1:200	A09 ORI-03-0003 WTG FOUNDATION.pdf
A10	ORI-03-0003-External-Platform-Section-A1_1.0-100	GENERAL ARRANGEMENT OF EXTERNAL PLATFORM SECTION	A1	1:50	A10 ORI-03-0003 FOUNDATION EXTERNAL PLATFORM SECTION.pdf
A11	ORI-03-0003-Flange-Access-Platform-A1_1.0-100	GENERAL ARRANGEMENT OF FLANGE ACCESS PLATFORM	A1	1:50	A11 ORI-03-0003 FOUNDATION FLANGE ACCESS PLATFORM.pdf
A12	ORI-03-0003-Lower-Working_Platform-A1_1.0-100	GENERAL ARRANGEMENT OF LOWER WORKING PLATFORM	A1	1:50	A12 ORI-03-0003 FOUNDATION LOWER WORKING PLATFORM.pdf
A13	ORI-03-0003-WTG-Airtight-Platform-A1_1.0-100	GENERAL ARRANGEMENT OF AIRTIGHT PLATFORM	A1	1:50	A13 ORI-03-0003 FOUNDATION WTG AIRTIGHT PLATFORM.pdf
A14	ORI-03-0003-WTG-External-Platform-A1_1.0-100	GENERAL ARRANGEMENT OF WTG FOUNDATION - EXTERNAL PLATFORM	A1	1:50	A14 ORI-03-0003 FOUNDATION WTG EXTERNAL PLATFORM.pdf
A15	ORI-03-0003-WTG-Internal-Platform-A1_1.0-100	GENERAL ARRANGEMENT OF WTG INTERNAL PLATFORMS	A1	1:50	A15 ORI-03-0003 FOUNDATION WTG INTERNAL PLATFORMS.pdf
A16	ORI-04-0003-Front-View-OSS-A1_1.0-100	OFFSHORE SUBSTATION FRONT ELEVATION	A1	1:200	A16 ORI-04-0003 OFFSHORE SUBSTATION FRONT ELEVATION.pdf

PLANNING PARTICULARS

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
A17	ORI-04-0003-Roof-Plan-OSS-A1_1.0-100	OFFSHORE SUBSTATION ROOF DECK PLAN	A1	1:100	A17 ORI-04-0003 OFFSHORE SUBSTATION ROOF DECK PLAN.pdf
A18	ORI-04-0003-Rear-View-OSS-A1_1.0-100	OFFSHORE SUBSTATION REAR ELEVATION	A1	1:200	A18 ORI-04-0003 OFFSHORE SUBSTATION REAR ELEVATION.pdf
A19	ORI-04-0003-Side-View-(Left)-OSS-A1_1.0-100	OFFSHORE SUBSTATION LEFT ELEVATION	A1	1:200	A19 ORI-04-0003 OFFSHORE SUBSTATION LEFT ELEVATION.pdf
A20	ORI-04-0003-Side-View-(Right)-OSS-A1_1.0-100	OFFSHORE SUBSTATION RIGHT ELEVATION	A1	1:200	A20 ORI-04-0003 OFFSHORE SUBSTATION RIGHT ELEVATION.pdf
A21	ORI-04-0007-Inter-Array_Cable_Burial-A1_2.0-100	INTER ARRAY CABLE BURIAL AND PROTECTION	A1	As shown	A21 ORI-04-0007 INTER ARRAY CABLE BURIAL AND PROTECTION.pdf
A22	ORI-04-0007-Export-Cable_Burial-A1_2.0-100	EXPORT CABLE BURIAL AND PROTECTION	A1	As shown	A22 ORI-04-0007 EXPORT CABLE BURIAL AND PROTECTION.pdf
B. ONSHORE CABLE DRAWINGS					
B01	PE605-D027-104-001-001	ONSHORE CABLE ROUTE SITE LOCATION MAP INDEX SHEET 1 OF 13	A1	1:25,000	B01 PE605-D027-104-001 ONSHORE CABLE ROUTE INDEX SHEET 1 OF 13.pdf
B02	PE605-D027-104-002-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 2 OF 13	A1	1:2,500	B02 PE605-D027-104-002 ONSHORE CABLE ROUTE SHEET 2 OF 13.pdf
B03	PE605-D027-104-003-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 3 OF 13	A1	1:2,500	B03 PE605-D027-104-003 ONSHORE CABLE ROUTE SHEET 3 OF 13.pdf
B04	PE605-D027-104-004-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 4 OF 13	A1	1:2,500	B04 PE605-D027-104-004 ONSHORE CABLE ROUTE SHEET 4 OF 13.pdf
B05	PE605-D027-104-005-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 5 OF 13	A1	1:2,500	B05 PE605-D027-104-005 ONSHORE CABLE ROUTE SHEET 5 OF 13.pdf
B06	PE605-D027-104-006-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 6 OF 13	A1	1:2,500	B06 PE605-D027-104-006 ONSHORE CABLE ROUTE SHEET 6 OF 13.pdf
B07	PE605-D027-104-007-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 7 OF 13	A1	1:2,500	B07 PE605-D027-104-007 ONSHORE CABLE ROUTE SHEET 7 OF 13.pdf
B08	PE605-D027-104-008-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 8 OF 13	A1	1:2,500	B08 PE605-D027-104-008 ONSHORE CABLE ROUTE SHEET 8 OF 13.pdf
B09	PE605-D027-104-009-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 9 OF 13	A1	1:2,500	B09 PE605-D027-104-009 ONSHORE CABLE ROUTE SHEET 9 OF 13.pdf
B10	PE605-D027-104-010-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 10 OF 13	A1	1:2,500	B10 PE605-D027-104-010 ONSHORE CABLE ROUTE SHEET 10 OF 13.pdf
B11	PE605-D027-104-011-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 11 OF 13	A1	1:2,500	B11 PE605-D027-104-011 ONSHORE CABLE ROUTE SHEET 11 OF 13.pdf

PLANNING PARTICULARS

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
B12	PE605-D027-104-012-001	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 12 OF 13	A1	1:2,500	B12 PE605-D027-104-012 ONSHORE CABLE ROUTE SHEET 12 OF 13.pdf
B13	PE605-D027-104-013-002	ONSHORE CABLE ROUTE SITE LOCATION MAP SHEET 13 OF 13	A1	1:2,500	B13 PE605-D027-104-013 ONSHORE CABLE ROUTE SHEET 13 OF 13.pdf
B14	PE605-D027-017-001-001	PROPOSED RIVER DEE HDD CROSSING ALIGNMENT & PROFILE AT N33 BRIDGE	A1	As shown	B14 PE605-D027-017-001 RIVER DEE HDD CROSSING AT N33 BRIDGE.pdf
B15	PE605-D027-026-002-003	PROPOSED M1 RAIL LINE HDD CROSSING ALIGNMENT & PROFILE AT CHARLEVILLE BRIDGE	A1	As shown	B15 PE605-D027-026-002 M1 RAIL HDD CROSSING CHARLEVILLE BRIDGE.pdf
B16	PE605-D027-018-001-001	PROPOSED RIVER DEE HDD CROSSING ALIGNMENT & PROFILE AT DRUMCAR BRIDGE	A1	As shown	B16 PE605-D027-018-001 RIVER DEE HDD CROSSING DRUMCAR BRIDGE.pdf
B17	PE605-D027-019-001-001	PROPOSED PORT STREAM OPEN CUT CROSSING ALIGNMENT AT CLONMORE	A1	1:1,000	B17 PE605-D027-019-001 PORT STREAM OPEN CUT CROSSING CLONMORE.pdf
B18	PE605-D027-020-001-001	PROPOSED PORT STREAM HDD CROSSING ALIGNMENT & PROFILE AT TOGHER ROAD	A1	As shown	B18 PE605-D027-020-001 PORT STREAM HDD CROSSING TOGHER ROAD.pdf
B19	PE605-D027-021-001-003	PROPOSED SALTERSTOWN RIVER HDD CROSSING ALIGNMENT & PROFILE AT COAST ROAD	A1	As shown	B19 PE605-D027-021-001 SALTERSTOWN HDD CROSSING COAST ROAD.pdf
B20	PE605-D027-119-001-000	CABLE ROUTE OPTION 1 LANDFALL AND INTERTIDAL AREA PLAN	A1	1:1,250	B20 PE605-D027-119-001 OPTION 1 LANDFALL INTERTIDAL AREA PLAN.pdf
B21	PE605-D027-119-002-001	CABLE ROUTE OPTION 2 LANDFALL AND INTERTIDAL AREA PLAN	A1	1:1,250	B21 PE605-D027-119-002 OPTION 2 LANDFALL INTERTIDAL AREA PLAN.pdf
B22	PE605-D027-121-001-001	TRANSITION JOINT BAY ARRANGEMENT OPTION 1 AERIAL VIEW	A1	1:100	B22 PE605-D027-121-001 TRANSITION JOINT BAY OPTION 1 AERIAL.pdf
B23	PE605-D027-121-002-001	TRANSITION JOINT BAY ARRANGEMENT OPTION 1 SECTIONS	A0	1:100	B23 PE605-D027-121-002 TRANSITION JOINT BAY OPTION 1 SECTIONS.pdf
B24	PE605-D027-094-001-002	TRANSITION JOINT BAY ARRANGEMENT OPTION 2 AERIAL VIEW	A1	1:250	B24 PE605-D027-094-001 TRANSITION JOINT BAY OPTION 2 AERIAL.pdf
B25	PE605-D027-094-002-002	TRANSITION JOINT BAY ARRANGEMENT OPTION 2 SECTIONS	A0	1:200	B25 PE605-D027-094-002 TRANSITION JOINT BAY OPTION 2 SECTIONS.pdf
B26	PE605-D027-105-001-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT INDEX SHEET 1 OF 13	A1	1:25,000	B26 PE605-D027-105-001 EXISTING UTILITIES INDEX SHEET 1 OF 13.pdf
B27	PE605-D027-105-002-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 2 OF 13	A1	1:2,500	B27 PE605-D027-105-002 EXISTING UTILITIES SHEET 2 OF 13.pdf
B28	PE605-D027-105-003-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 3 OF 13	A1	1:2,500	B28 PE605-D027-105-003 EXISTING UTILITIES SHEET 3 OF 13.pdf
B29	PE605-D027-105-004-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 4 OF 13	A1	1:2,500	B29 PE605-D027-105-004 EXISTING UTILITIES SHEET 4 OF 13.pdf

PLANNING PARTICULARS

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
B30	PE605-D027-105-005-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 5 OF 13	A1	1:2,500	B30 PE605-D027-105-005 EXISTING UTILITIES SHEET 5 OF 13.pdf
B31	PE605-D027-105-006-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 6 OF 13	A1	1:2,500	B31 PE605-D027-105-006 EXISTING UTILITIES SHEET 6 OF 13.pdf
B32	PE605-D027-105-007-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 7 OF 13	A1	1:2,500	B32 PE605-D027-105-007 EXISTING UTILITIES SHEET 7 OF 13.pdf
B33	PE605-D027-105-008-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 8 OF 13	A1	1:2,500	B33 PE605-D027-105-008 EXISTING UTILITIES SHEET 8 OF 13.pdf
B34	PE605-D027-105-009-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 9 OF 13	A1	1:2,500	B34 PE605-D027-105-009 EXISTING UTILITIES SHEET 9 OF 13.pdf
B35	PE605-D027-105-010-002	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 10 OF 13	A1	1:2,500	B35 PE605-D027-105-010 EXISTING UTILITIES SHEET 10 OF 13.pdf
B36	PE605-D027-105-011-002	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 11 OF 13	A1	1:2,500	B36 PE605-D027-105-011 EXISTING UTILITIES SHEET 11 OF 13.pdf
B37	PE605-D027-105-012-001	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 12 OF 13	A1	1:2,500	B37 PE605-D027-105-012 EXISTING UTILITIES SHEET 12 OF 13.pdf
B38	PE605-D027-105-013-002	EXISTING UTILITIES AND PROPOSED DEVELOPMENT SHEET 13 OF 13	A1	1:2,500	B38 PE605-D027-105-013 EXISTING UTILITIES SHEET 13 OF 13.pdf
B39	PE605-D027-073-002-004	8 m X 2.55 m JOINT BAY GENERAL ARRANGEMENT	A2	As shown	B39 PE605-D027-073-002 JOINT BAY GENERAL ARRANGEMENT.pdf
B40	PE605-D027-071-002-002	COMMUNICATIONS CHAMBER GENERAL ARRANGEMENT	A2	As shown	B40 PE605-D027-071-002 COMMUNICATIONS CHAMBER.pdf
B41	PE605-D027-072-002-003	LINK BOX CHAMBER GENERAL ARRANGEMENT	A2	As shown	B41 PE605-D027-072-002 LINK BOX CHAMBER.pdf
B42	PE605-D027-083-001-004	TRENCH CROSS SECTION GENERAL ARRANGEMENT 220 kV CABLE 700 MM WIDE TRENCH SINGLE CIRCUIT TREFOIL FORMATION	A2	1:10	B42 PE605-D027-083-001 TRENCH SECTION 700MM WIDE.pdf
B43	PE605-D027-111-001-000	TRENCH CROSS SECTION 220 kV 1.5M WIDE TRENCH SINGLE CIRCUIT TREFOIL FORMATION WITH TWO ADDITIONAL COMMUNICATIONS DUCTS	A2	1:10	B43 PE605-D027-111-001 TRENCH SECTION 1.5M WIDE.pdf
B44	PE605-D027-086-001-004	TRENCH CROSS SECTIONAL & LONGITUDINAL DETAIL FOR 220 kV CABLE, 700 MM WIDE TRENCH FOR CROSSING OVER CULVERTS OR LARGE SERVICES	A2	As shown	B44 PE605-D027-086-001 TRENCH SECTION - CROSSING OVER.pdf
B45	PE605-D027-087-001-006	TRENCH CROSS SECTION 220 kV CABLE GENERAL ARRANGEMENT, 700 MM WIDE TRENCH FOR DRAINAGE DITCH AND STREAM CROSSING	A2	As shown	B45 PE605-D027-087-001 TRENCH SECTION - STREAM_DITCH CROSSING.pdf

PLANNING PARTICULARS

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
B46	PE605-D027-088-001-005	TRENCH CROSS SECTION 220 KV CABLE GENERAL ARRANGEMENT, 700 MM WIDE TRENCH FOR CROSSING UNDER CULVERTS OR SERVICES	A2	As shown	B46 PE605-D027-088-001 TRENCH SECTION - CROSSING UNDER.pdf
B47	PE605-D027-015-001-000	TEMPORARY JOINT BAY AND PASSING BAY GENERAL ARRANGEMENT	A1	1:100	B47 PE605-D027-015-001 TEMPORARY JOINT BAY AND PASSING BAY.pdf
B48	PE605-D027-106-001-003	TEMPORARY HORIZONTAL DIRECTIONAL DRILL GENERAL COMPOUND LAYOUT	A1	As shown	B48 PE605-D027-106-001 TEMPORARY HDD COMPOUND.pdf
B49	PE605-D027-107-001-003	TEMPORARY CONSTRUCTION COMPOUND GENERAL LAYOUT	A1	As shown	B49 PE605-D027-107-001 TEMPORARY CONSTRUCTION COMPOUND.pdf
C. ONSHORE SUBSTATION DRAWINGS					
C01	PE605-D027-038-003-003	ONSHORE SUBSTATION SITE LOCATION MAP	A1	1:2,500	C01 PE605-D027-038-003 ONSHORE SUBSTATION SITE LOCATION.pdf
C02	PE605-D027-038-028-002	ONSHORE SUBSTATION EXISTING SITE LAYOUT	A0	1:500	C02 PE605-D027-038-028 ONSHORE-SUBSTN EXISTING SITE LAYOUT.pdf
C03	PE605-D027-038-037-001	ONSHORE SUBSTATION EXISTING SITE - DECOMMISSIONING	A1	As shown	C03 PE605-D027-038-037 ONSHORE SUBSTN SITE - DECOMMISSIONING.pdf
C04	PE605-D027-038-004-002	ONSHORE SUBSTATION PROPOSED SITE LAYOUT	A0	1:500	C04 PE605-D027-038-004 ONSHORE SUBSTN PROPOSED SITE LAYOUT.pdf
C05	PE605-D027-038-014-003	ONSHORE SUBSTATION PROPOSED DRAINAGE PLAN	A1	1:500	C05 PE605-D027-038-014 ONSHORE SUBSTN DRAINAGE PLAN.pdf
C06	PE605-D027-038-005-002	ONSHORE SUBSTATION PROPOSED SECTIONS SHEET 1 OF 2	A0	1:200	C06 PE605-D027-038-005 ONSHORE SUBSTN SECTIONS SHEET 1 OF 2.pdf
C07	PE605-D027-038-006-002	ONSHORE SUBSTATION PROPOSED SECTIONS SHEET 2 OF 2	A0	1:200	C07 PE605-D027-038-006 ONSHORE SUBSTN SECTIONS SHEET 2 OF 2.pdf
C08	PE605-D027-038-007-002	ONSHORE SUBSTATION PROPOSED COMPOUND 1 AND COMPOUND 2 ELEVATIONS SHEET 1 OF 2	A0	1:200	C08 PE605-D027-038-007 ONSHORE SUBSTN ELEVATIONS SHEET 1 OF 2.pdf
C09	PE605-D027-038-008-002	ONSHORE SUBSTATION PROPOSED COMPOUND 1 AND COMPOUND 2 ELEVATIONS SHEET 2 OF 2	A0	1:200	C09 PE605-D027-038-008 ONSHORE SUBSTN ELEVATIONS SHEET 2 OF 2.pdf
C10	PE605-D027-038-009-003	ONSHORE SUBSTATION COMPOUND 1 GIS BUILDING GROUND AND FIRST FLOOR PLANS	A0	1:100	C10 PE605-D027-038-009 ONSHORE SUBSTN GIS BUILDING FLOOR PLANS.pdf
C11	PE605-D027-038-026-002	ONSHORE SUBSTATION COMPOUND 1 GIS BUILDING ROOF PLAN	A1	1:100	C11 PE605-D027-038-026 ONSHORE SUBSTN GIS BUILDING ROOF PLAN.pdf
C12	PE605-D027-038-010-003	ONSHORE SUBSTATION COMPOUND 1 GIS BUILDING ELEVATIONS	A0	1:100	C12 PE605-D027-038-010 ONSHORE SUBSTN GIS BUILDING ELEVATIONS.pdf
C13	PE605-D027-038-011-003	ONSHORE SUBSTATION COMPOUND 1 GIS BUILDING SECTIONS	A0	1:100	C13 PE605-D027-038-011 ONSHORE SUBSTN GIS BUILDING SECTIONS.pdf

PLANNING PARTICULARS

Ref.	Drawing Number	Title of Drawing / Plan	Scale	Paper Size	File Name
C14	PE605-D027-038-012-004	ONSHORE SUBSTATION COMPOUND 2 CONTROL BUILDING PLANS	A1	1:100	C14 PE605-D027-038-012 ONSHORE SUBSTN CONTROL BUILDING PLANS.pdf
C15	PE605-D027-038-013-004	ONSHORE SUBSTATION COMPOUND 2 CONTROL BUILDING SECTIONS AND ELEVATIONS	A1	1:100	C15 PE605-D027-038-013 ONSHORE SUBSTN CONTROL BUILDING SECTIONS.pdf
C16	PE605-D027-038-033-002	ONSHORE SUBSTATION COMPOUND 2 STATCOM BUILDING PLAN, ELEVATIONS AND SECTIONS	A0	1:100	C16 PE605-D027-038-033 ONSHORE SUBSTN STATCOM BUILDING.pdf
C17	PE605-D027-038-034-002	ONSHORE SUBSTATION TELECOMMUNICATIONS BUILDING PLAN, ELEVATIONS AND SECTIONS	A1	1:100	C17 PE605-D027-038-034 ONSHORE SUBSTN TELECOMS BUILDING.pdf
C18	PE605-D027-038-020-003	ONSHORE SUBSTATION HOUSE TRANSFORMER & HOUSE TRANSFORMER PLINTH PLANS, ELEVATIONS & SECTION	A1	1:25	C18 PE605-D027-038-020 ONSHORE SUBSTN HOUSE TRANSFORMER.pdf
C19	PE605-D027-038-032-002	ONSHORE SUBSTATION 220 kV SINGLE CIRCUIT LINE / CABLE INTERFACE MAST WITH SHIELDWIRE PLAN, ELEVATIONS AND SECTION	A1	1:100	C19 PE605-D027-038-032 ONSHORE SUBSTN LINE CABLE INTERFACE MAST.pdf
C20	PE605-D027-038-027-002	ONSHORE SUBSTATION TELECOMMUNICATIONS MAST PLAN AND ELEVATIONS	A1	1:100	C20 PE605-D027-038-027 ONSHORE SUBSTN TELECOMMUNICATIONS MAST.pdf
C21	PE605-D027-038-035-002	ONSHORE SUBSTATION EXTERNAL DIESEL GENERATOR PLAN, ELEVATIONS & SECTIONS	A1	1:25	C21 PE605-D027-038-035 ONSHORE SUBSTN EXTERNAL DIESEL GENERATOR.pdf
C22	PE605-D027-038-016-003	ONSHORE SUBSTATION PALISADE FENCE & GATE DETAILS	A1	1:25	C22 PE605-D027-038-016 ONSHORE SUBSTN PALISADE FENCE AND GATE.pdf
C23	PE605-D027-038-019-003	ONSHORE SUBSTATION DETAILS OF CONCRETE POST & RAIL FENCE & TUBULAR STEEL GATES	A1	1:25	C23 PE605-D027-038-019 ONSHORE SUBSTN POST FENCE AND GATES.pdf
C24	PE605-D027-038-015-002	ONSHORE SUBSTATION PROPOSED DRAINAGE DETAILS	A1	1:25 / 1:50	C24 PE605-D027-038-015 ONSHORE SUBSTN DRAINAGE DETAILS.pdf
C25	PE605-D027-038-023-002	ONSHORE SUBSTATION DETAILS FOR LIGHTING COLUMN, COMPOUND ROAD & SUBSTATION ENTRANCE /TEMPORARY COMPOUNDS ACCESS TRACK	A1	As shown	C25 PE605-D027-038-023 ONSHORE SUBSTN LIGHTS ROAD AND TRACK.pdf
C26	PE605-D027-038-018-004	ONSHORE SUBSTATION PROPOSED SITE ENTRANCE MODIFICATIONS INCLUDING VISIBILITY SPLAYS	A0	As shown	C26 PE605-D027-038-018 ONSHORE SUBSTN ENTRANCE MODIFICATIONS.pdf
C27	PE605-D027-038-025-004	ONSHORE SUBSTATION TEMPORARY CONSTRUCTION COMPOUNDS	A1	1:500	C27 PE605-D027-038-025 ONSHORE SUBSTN TEMPORARY COMPOUNDS.pdf

Schedule 3: Ordnance Survey Map Reference Numbers



PLANNING PARTICULARS

Schedule of Ordnance Survey (OS) Map Reference Numbers.

Index	OS Tile Reference Nos.
1:50,000 Entire Project (Onshore and Offshore) Mapping References (Covers Entire Application)	2828
	3028
	3230
	3228
1:5,000 Onshore Mapping References	2072
	2011
	2073
	2014
	2012
	2013
	2010
	7016
1:2,500 Onshore Mapping References	2010-A
	2011-A
	2011-B
	2012-A
	2013-C
	2072-B
	2073-A
	2013-D
	2014-C
	2014-D
	2014-B
	2073-B
	2010-B
	2012-B
2012-D	

Schedule 4: Copy of Newspaper Notices and Site Notice



PLANNING AND DEVELOPMENT ACT 2000, AS AMENDED

Notice of Direct Planning Application to An Bord Pleanála in Respect of an offshore wind energy project County Louth

In accordance with section 291 of the Planning and Development Act 2000, as amended, Oriel Windfarm Limited gives notice of its intention to make an application for permission to An Bord Pleanála in relation to the following proposed development, known as Oriel Wind Farm.

The proposed development is located in the following Townlands in Co. Louth: Dunany, Mitchelstown, Port, Nicholastown (Electoral Division of Dysart in the Barony of Ferrard), Boycetown, Togher, Clonmore, Tullydonnell, Corstown (Electoral Division of Drumcar in the Barony of Ardee), Corstown (Electoral Division of Dunleer in the Barony of Ferrard), Drumcar, Mullincross, Charleville, Dromgoolestown, Richardstown (Electoral Division of Stabannan in the Barony of Ardee), Harristown and Stickillin.

The proposed development consists of the following principal elements:

- A. Offshore renewable energy infrastructure in the outer maritime area located between approximately 6 km south of Cooley Point and approximately 10 km north-east of Dunany Point across an offshore wind farm area of approximately 27.7 km² and consisting of the following:
- i. 25 No. offshore wind turbines with a maximum tip height of 270 m above the Lowest Astronomical Tide (LAT) attached to the seabed by monopile foundations with associated scour protection and with a combined Maximum Export Capacity of 375 MW.
 - ii. A network of 41 km of 66 kV subsea inter-array cables linking each of the proposed offshore wind turbines to the offshore substation including associated cable protection.
 - iii. 1 No. offshore substation with a height of 48 m above LAT attached to the seabed by a monopile foundation with associated scour protection. This includes a prefabricated structure containing electrical equipment and ancillary equipment including a telecommunications mast.
- B. A single 16 km long 220 kV subsea export cable and associated cable protection located within an offshore cable corridor of approximately 25 km² between the south-west corner of the offshore wind farm area and a landfall which is situated approximately 700 m south of Dunany Point.
- C. An underground Transition Joint Bay (TJB) at the proposed landfall in the townland of Dunany. The TJB consists of a fully buried concrete chamber with a total area of 32.5 m², where the proposed offshore export cable will be connected to the underground onshore export cables.
- D. Installation of underground onshore export cables, approximately 20.1 km in length, connecting the proposed TJB in the townland of Dunany to the proposed onshore substation in the townland of Stickillin. The cables will be laid in a standard trench of approximately 700 mm in width and 1425 mm in depth.
- E. Installation of fibre optic, telecommunication and other associated cabling all carried in underground ducts within the proposed trench.
- F. Installation of 2 No. additional fibre optic cable ducts within the underground cable trench of approximately 1500 mm in width, from the proposed onshore substation in the townland of Stickillin along the N33 for approximately 3 km and connection into a 110 kV double wooden poleset on the existing Drybridge-Louth 110kV overhead line in the townland of Richardstown, (Electoral Division of Stabannan).
- G. Installation of the cables will require associated joint bays and link boxes, located at approximately 700 m intervals along the underground cable alignment. The cable installation will also require the construction of temporary passing bays and the use of either Horizontal Directional Drilling (HDD) or open cut construction techniques for utility crossings of water, rail, gas and motorway.
- H. A new onshore electricity substation adjacent to the proposed connection point in the townland of Stickillin. The onshore substation will comprise of the following main elements:
- i. Compound 1 Onshore Transmission Connection comprising:
 - 220 kV Gas Insulated Switchgear (GIS) equipment contained within a building of approximately 20 m x 60 m and a height of 17 m.
 - 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the GIS building.
 - A lattice steel telecommunications mast of 36 m in height.
 - 5 No. associated car parking spaces, an internal access road 5 m in width and a house transformer.
 - ii. Compound 2 Offshore Transmission System comprising:
 - 220 kV Air Insulated Switchgear (AIS) equipment at an approximate height of 10 m, including a transformer bay, 2 No. harmonic filter bays, shunt reactor bay, 2 No. cable bays, 220 kV busbar, and ancillary control equipment.
 - A control building of 34 m x 10 m and a height of 11 m with up to 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the building.
 - A statcom building of 14 m x 28 m and a height of 10 m with associated ancillary equipment.
 - 12 No. lightning protection poles of approximately 20 m in height will be placed within the compound. It will include a lattice steel telecommunications mast of approximately 36 m in height, standby diesel generator and a house transformer.
 - 4 No. associated car parking spaces and an internal access road 5 m in width.
 - iii. Entrance Compound providing access to Compound 1 and Compound 2 and including:
 - A telecommunications building of 15 m x 4 m and a height of 4 m.
 - A standby diesel generator and 1 no car parking space.
 - iv. Common Areas:
 - All compounds will be bounded by a 2.6 m high green palisade security fence / gates.

- The existing entrance will be widened to 6 m in width.
- 1.4 m high property fence / gates will surround the site.
- All associated landscaping.
- All other associated site development works such as surface water infrastructure and attenuation tanks to facilitate development.

- I. 2 No. line cable interface masts of 27 m in height will be constructed adjacent to the onshore substation. This will require an existing 220 kV tower (31 m in height) and associated infrastructure to be decommissioned.
- J. A temporary construction compound adjacent to the onshore substation with a footprint of approximately 12,850 m² including welfare and storage areas. 3 No. additional temporary construction compounds located along the onshore cable route varying in footprint from 3,000 m² to 4,200 m² and 8 No. temporary HDD compounds (4 off road HDD's) varying in footprint from 100 m² to 4,500 m².
- K. All associated and ancillary above and below ground development including works comprising or relating to construction works, roadworks, excavation (including HDD) and vegetation clearance.

Planning permission is sought for a period until the expiry of the Maritime Area Consent for the Project on 22 December 2067.

Both an Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the proposed development and accompany this application for permission.

The proposed development is not likely to have significant effects on the environment of the United Kingdom of Great Britain and Northern Ireland and including the environment of the Crown Protectorate of the Isle of Man, which are parties to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo in Finland on 25 February 1991).

A separate 'Dumping at Sea Permit' application will be made to the Environmental Protection Agency to regulate the dumping of any materials at sea. We confirm that certain details of the proposed development are unconfirmed and that an opinion on unconfirmed details accompanies the planning application.

The planning application, the EIAR and the NIS, may be inspected free of charge or purchased on payment of a specified fee (which fee shall not exceed the reasonable cost of making such copy) during public opening hours for a period of eight weeks commencing on 4 June 2024 at the following locations:

- The Offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902.
- The Offices of Louth County Council, County Hall, Millennium Centre, Dundalk, Co. Louth, A91 KFW6.

The application may also be viewed or downloaded on the following website: www.orielwindfarm-marineplanning.ie

Submissions or observations may be made *only* to the Marine / Climate Section of An Bord Pleanála ('the Board') 64 Marlborough Street, Dublin 1 in writing or online on the Board's website www.pleanala.ie during the above-mentioned period of 8 weeks relating to -

- i. the implications of the proposed development for maritime spatial planning, and
- ii. the implications of the proposed development for proper planning and sustainable development, and
- iii. the likely effects on the environment or any European site of the proposed development, if carried out.

Any submissions or observations must be accompanied by a fee of €50 (except for certain prescribed bodies) and must be received by the Board not later than 5.30 p.m. on 30 July 2024. Such submissions or observations must also include the following information:

- The name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the application should be sent,
- the subject matter of the submission or observation, and
- the reasons, considerations and arguments on which the submission or observation is based in full. (Article 5 of the Planning and Development Act (Marine Development) Regulations 2023 refers).

Any submissions or observations which do not comply with the above requirements cannot be considered by the Board.

The Board may at its absolute discretion hold an oral hearing on the application.

The Board may in respect of an application for permission decide to -

- (a)
 - i. grant the permission subject to such modification (if any), to the proposed development as it may specify, or
 - ii. grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, and any of the above decisions may be subject to or without conditions, or
- (b) refuse to grant the permission.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel. 01-8588100).

A person may question the validity of any such decision by the Board by way of an application for judicial review, under Order 84 of the Rules of the Superior Courts (S.I. No. 15 of 1986, as amended), in accordance with section 50 of the Planning and Development Act, 2000, as amended.

Practical information on the review mechanism can be accessed on the Board's website at www.pleanala.ie under the heading 'Judicial Review Notice' or on the Citizens Information Service website at www.citizensinformation.ie.

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 - ii. A network of 41 km of 66 kV subsea inter-array cables linking each of the proposed offshore wind turbines to the offshore substation including associated cable protection.
 - iii. 1 No. offshore substation with a height of 48 m above LAT attached to the seabed by a monopile foundation with associated scour protection. This includes a prefabricated structure containing electrical equipment and ancillary equipment including a telecommunications mast.
- B. A single 16 km long 220 kV subsea export cable and associated cable protection located within an offshore cable corridor of approximately 25 km² between the south-west corner of the offshore wind farm area and a landfall which is situated approximately 700 m south of Dunany Point.
- C. An underground Transition Joint Bay (TJB) at the proposed landfall in the townland of Dunany. The TJB consists of a fully buried concrete chamber with a total area of 32.5 m², where the proposed offshore export cable will be connected to the underground onshore export cables.
- D. Installation of underground onshore export cables, approximately 20.1 km in length, connecting the proposed TJB in the townland of Dunany to the proposed onshore substation in the townland of Stickillin. The cables will be laid in a standard trench of approximately 700 mm in width and 1425 mm in depth.
- E. Installation of fibre optic, telecommunication and other associated cabling all carried in underground ducts within the proposed trench.
- F. Installation of 2 No. additional fibre optic cable ducts within the underground cable trench of approximately 1500 mm in width, from the proposed onshore substation in the townland of Stickillin along the N33 for approximately 3 km and connection into a 110 kV double wooden poleset on the existing Drybridge-Louth 110kV overhead line in the townland of Richardstown, (Electoral Division of Stabannan).
- G. Installation of the cables will require associated joint bays and link boxes, located at approximately 700 m intervals along the underground cable alignment. The cable installation will also require the construction of temporary passing bays and the use of either Horizontal Directional Drilling (HDD) or open cut construction techniques for utility crossings of water, rail, gas and motorway.
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 - i. Compound 1 Onshore Transmission Connection comprising:
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 - 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the GIS building.
 - A lattice steel telecommunications mast of 36 m in height.
 - 5 No. associated car parking spaces, an internal access road 5 m in width and a house transformer.
 - ii. Compound 2 Offshore Transmission System comprising:
 - 220 kV Air Insulated Switchgear (AIS) equipment at an approximate height of 10 m, including a transformer bay, 2 No. harmonic filter bays, shunt reactor bay, 2 No. cable bays, 220 kV busbar, and ancillary control equipment.
 - A control building of 34 m x 10 m and a height of 11 m with up to 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the building.
 - A statcom building of 14 m x 28 m and a height of 10 m with associated ancillary equipment.
 - 12 No. lightning protection poles of approximately 20 m in height will be placed within the compound. It will include a lattice steel telecommunications mast of approximately 36 m in height, standby diesel generator and a house transformer.
 - 4 No. associated car parking spaces and an internal access road 5 m in width.
 - iii. Entrance Compound providing access to Compound 1 and Compound 2 and including:
 - A telecommunications building of 15 m x 4 m and a height of 4 m.
 - A standby diesel generator and 1 no car parking space.
 - iv. Common Areas:
 - All compounds will be bounded by a 2.6 m high green palisade security fence / gates.

- The existing entrance will be widened to 6 m in width.
- 1.4 m high property fence / gates will surround the site.
- All associated landscaping.
- All other associated site development works such as surface water infrastructure and attenuation tanks to facilitate development.

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- J. A temporary construction compound adjacent to the onshore substation with a footprint of approximately 12,850 m² including welfare and storage areas. 3 No. additional temporary construction compounds located along the onshore cable route varying in footprint from 3,000 m² to 4,200 m² and 8 No. temporary HDD compounds (4 off road HDD's) varying in footprint from 100 m² to 4,500 m².
- K. All associated and ancillary above and below ground development including works comprising or relating to construction works, roadworks, excavation (including HDD) and vegetation clearance.

Planning permission is sought for a period until the expiry of the Maritime Area Consent for the Project on 22 December 2067.

Both an Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the proposed development and accompany this application for permission.

The proposed development is not likely to have significant effects on the environment of the United Kingdom of Great Britain and Northern Ireland and including the environment of the Crown Protectorate of the Isle of Man, which are parties to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo in Finland on 25 February 1991).

A separate 'Dumping at Sea Permit' application will be made to the Environmental Protection Agency to regulate the dumping of any materials at sea. We confirm that certain details of the proposed development are unconfirmed and that an opinion on unconfirmed details accompanies the planning application.

The planning application, the EIAR and the NIS, may be inspected free of charge or purchased on payment of a specified fee (which fee shall not exceed the reasonable cost of making such copy) during public opening hours for a period of eight weeks commencing on 4 June 2024 at the following locations:

- The Offices of An Bord Pleanála, 64 Marlborough Street, Dublin 1, D01 V902.
- The Offices of Louth County Council, County Hall, Millennium Centre, Dundalk, Co. Louth, A91 KFW6.

The application may also be viewed or downloaded on the following website: www.orielwindfarm-marineplanning.ie

Submissions or observations may be made **only** to the Marine / Climate Section of An Bord Pleanála ('the Board') 64 Marlborough Street, Dublin 1 in writing or online on the Board's website www.pleanala.ie during the above-mentioned period of 8 weeks relating to -

- i. the implications of the proposed development for maritime spatial planning, and
- ii. the implications of the proposed development for proper planning and sustainable development, and
- iii. the likely effects on the environment or any European site of the proposed development, if carried out.

Any submissions or observations must be accompanied by a fee of €50 (except for certain prescribed bodies) and must be received by the Board not later than 5.30 p.m. on 30 July 2024. Such submissions or observations must also include the following information:

- The name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the application should be sent,
- the subject matter of the submission or observation, and
- the reasons, considerations and arguments on which the submission or observation is based in full. (Article 5 of the Planning and Development Act (Marine Development) Regulations 2023 refers).

Any submissions or observations which do not comply with the above requirements cannot be considered by the Board.

The Board may at its absolute discretion hold an oral hearing on the application.

The Board may in respect of an application for permission decide to -

- (a)
 - i. grant the permission subject to such modification (if any), to the proposed development as it may specify, or
 - ii. grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, and any of the above decisions may be subject to or without conditions, or
- (b) refuse to grant the permission.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel. 01-8588100).

A person may question the validity of any such decision by the Board by way of an application for judicial review, under Order 84 of the Rules of the Superior Courts (S.I. No. 15 of 1986, as amended), in accordance with section 50 of the Planning and Development Act, 2000, as amended.

Practical information on the review mechanism can be accessed on the Board's website at www.pleanala.ie under the heading 'Judicial Review Notice' or on the Citizens Information Service website at www.citizensinformation.ie.

SITE NOTICE

PLANNING AND DEVELOPMENT ACT 2000, AS AMENDED

Notice of Direct Planning Application to An Bord Pleanála in Respect of an offshore wind energy project County Louth

In accordance with section 291 of the Planning and Development Act 2000, as amended, Oriel Windfarm Limited gives notice of its intention to make an application for permission to An Bord Pleanála in relation to the following proposed development, known as Oriel Wind Farm. The proposed development is located in the following Townlands in Co. Louth: Dunany, Mitchelstown, Port, Nicholastown (Electoral Division of Dysart in the Barony of Ferrard), Boycetown, Togher, Clonmore, Tullydonnell, Corstown (Electoral Division of Drumcar in the Barony of Ardee), Corstown (Electoral Division of Dunleer in the Barony of Ferrard), Drumcar, Mullincross, Charleville, Dromgoolestown, Richardstown (Electoral Division of Stabannan in the Barony of Ardee), Harristown and Stickillin.

The proposed development consists of the following principal elements:

- A. Offshore renewable energy infrastructure in the outer maritime area located between approximately 6 km south of Cooley Point and approximately 10 km north-east of Dunany Point across an offshore wind farm area of approximately 27.7 km² and consisting of the following:
 - i. 25 No. offshore wind turbines with a maximum tip height of 270 m above the Lowest Astronomical Tide (LAT) attached to the seabed by monopile foundations with associated scour protection and with a combined Maximum Export Capacity of 375 MW.
 - ii. A network of 41 km of 66 kV subsea inter-array cables linking each of the proposed offshore wind turbines to the offshore substation including associated cable protection.
 - iii. 1 No. offshore substation with a height of 48 m above LAT attached to the seabed by a monopile foundation with associated scour protection. This includes a prefabricated structure containing electrical equipment and ancillary equipment including a telecommunications mast.
- B. A single 16 km long 220 kV subsea export cable and associated cable protection located within an offshore cable corridor of approximately 25 km² between the south-west corner of the offshore wind farm area and a landfall which is situated approximately 700 m south of Dunany Point.
- C. An underground Transition Joint Bay (TJB) at the proposed landfall in the townland of Dunany. The TJB consists of a fully buried concrete chamber with a total area of 32.5 m², where the proposed offshore export cable will be connected to the underground onshore export cables.
- D. Installation of underground onshore export cables, approximately 20.1 km in length, connecting the proposed TJB in the townland of Dunany to the proposed onshore substation in the townland of Stickillin. The cables will be laid in a standard trench of approximately 700 mm in width and 1425 mm in depth.
- E. Installation of fibre optic, telecommunication and other associated cabling all carried in underground ducts within the proposed trench.
- F. Installation of 2 No. additional fibre optic cable ducts within the underground cable trench of approximately 1500 mm in width, from the proposed onshore substation in the townland of Stickillin along the N33 for approximately 3 km and connection into a 110 kV double wooden poleset on the existing Drybridge-Louth 110kV overhead line in the townland of Richardstown, (Electoral Division of Stabannan).
- G. Installation of the cables will require associated joint bays and link boxes, located at approximately 700 m intervals along the underground cable alignment. The cable installation will also require the construction of temporary passing bays and the use of either Horizontal Directional Drilling (HDD) or open cut construction techniques for utility crossings of water, rail, gas and motorway.
- H. A new onshore electricity substation adjacent to the proposed connection point in the townland of Stickillin. The onshore substation will comprise of the following main elements:
 - i. Compound 1 Onshore Transmission Connection comprising:
 - 220 kV Gas Insulated Switchgear (GIS) equipment contained within a building of approximately 20 m x 60 m and a height of 17 m.
 - 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the GIS building.
 - A lattice steel telecommunications mast of 36 m in height.
 - 5 No. associated car parking spaces, an internal access road 5 m in width and a house transformer.
 - ii. Compound 2 Offshore Transmission System comprising:
 - 220 kV Air Insulated Switchgear (AIS) equipment at an approximate height of 10 m, including a transformer bay, 2 No. harmonic filter bays, shunt reactor bay, 2 No. cable bays, 220 kV busbar, and ancillary control equipment.
 - A control building of 34 m x 10 m and a height of 11 m with up to 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the building.
 - A statcom building of 14 m x 28 m and a height of 10 m with associated ancillary equipment.
 - 12 No. lightning protection poles of approximately 20 m in height will be placed within the compound. It will include a lattice steel telecommunications mast of approximately 36 m in height, standby diesel generator and a house transformer.
 - 4 No. associated car parking spaces and an internal access road 5 m in width.
 - iii. Entrance Compound providing access to Compound 1 and Compound 2 and including:
 - A telecommunications building of 15 m x 4 m and a height of 4 m.
 - A standby diesel generator and 1 no car parking space.
 - iv. Common Areas:
 - All compounds will be bounded by a 2.6 m high green palisade security fence / gates.
 - The existing entrance will be widened to 6 m in width.

- 1.4 m high property fence / gates will surround the site.
 - All associated landscaping.
 - All other associated site development works such as surface water infrastructure and attenuation tanks to facilitate development.
- I. 2 No. line cable interface masts of 27 m in height will be constructed adjacent to the onshore substation. This will require an existing 220 kV tower (31 m in height) and associated infrastructure to be decommissioned.
 - J. A temporary construction compound adjacent to the onshore substation with a footprint of approximately 12,850 m² including welfare and storage areas. 3 No. additional temporary construction compounds located along the onshore cable route varying in footprint from 3,000 m² to 4,200 m² and 8 No. temporary HDD compounds (4 off road HDD's) varying in footprint from 100 m² to 4,500 m².
 - K. All associated and ancillary above and below ground development including works comprising or relating to construction works, roadworks, excavation (including HDD) and vegetation clearance.

Planning permission is sought for a period until the expiry of the Maritime Area Consent for the Project on 22 December 2067.

Both an Environmental Impact Assessment Report (EIAR) and a Natura Impact Statement (NIS) have been prepared in respect of the proposed development and accompany this application for permission.

The proposed development is not likely to have significant effects on the environment of the United Kingdom of Great Britain and Northern Ireland and including the environment of the Crown Protectorate of the Isle of Man, which are parties to the Transboundary Convention (the United Nations Economic Commission for Europe Convention on Environmental Impact Assessment in a Transboundary Context, done at Espoo in Finland on 25 February 1991).

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- i. the implications of the proposed development for maritime spatial planning, and
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- The name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the application should be sent,
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- the reasons, considerations and arguments on which the submission or observation is based in full. (Article 5 of the Planning and Development Act (Marine Development) Regulations 2023 refers).

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Signed: Valerie Brown (Agent)

Agent's Address: RPS Group Limited (Agents), West Pier Business Campus, Dun Laoghaire, Co. Dublin, A96 N6T7

Date of erection of the notice: 22 May 2024

Schedule 5: Letters of Consent

Note: Please note that landowner folio maps are not to scale.





Comhairle Contae Lú
Louth County Council

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

March 13, 2024

Subject to Contract/Contract Denied

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth.

A Chara,

Louth County Council, as the Authority having effective control over the lands registered to the following Folio Numbers: LH34255F, LH34134F, LH27364F, LH34982F, LH22973F, LH29023F, LH27400F, LH29401F, LH21159F, LH31487F, LH29808F, LH22477F, LH17588F, LH29401F, LH37054F, LH20612F, LH21112F, LH5318N, LH20016F, LH33276F, LH18457F, LH15589F, LH34339F and LH5318N, hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in Louth County Council ownership.

Please note that if a planning decision is made to grant your application, you must then adhere to any planning conditions set, and where necessary regularise your interest in our lands by purchase, lease or otherwise, which also may be subject to further conditions.

No folio or registration search has been carried out on the area in question by Louth County Council. The onus is on the applicant to confirm all lands in question for which consent is sought are in the ownership or fall under the designated regulatory authority of Louth County Council. Consent is only being given subject to the understanding that a thorough and complete check has been carried out by the applicant, and only for lands which can later be verified by the applicant as in the ownership or under the responsibility of Louth County Council.

Comhairle Contae Lú
Halla an Chontae
Ionad na Milaoise
Dún Dealgan
Contae Lú
A91 KFW6

Louth County Council
County Hall
Millennium Centre
Dundalk
County Louth
A91 KFW6

T + 353 42 9335457
E info@louthcoco.ie
W www.louthcoco.ie

Cuirfear fáilte roimh chomhfhreagrás Gaeilge - Correspondence in Irish is welcome
Féach foláirimh faoi Lú ón gComhairle ag www.mapalarter.ie/Louth
View Council alerts for Louth at www.mapalarter.ie/Louth



Comhairle Contae Lú
Louth County Council

Louth County Council gives its consent as land owner and not as a Planning Authority. Nothing herein should in any way limit the exercise by the Council of its statutory responsibilities as a Planning Authority and should not be taken as an indication of what the Planning Authority's views might be in respect of this proposed development.

Yours sincerely,



Joe McGuinness
Director of Services

Date: 13/3/24

Comhairle Contae Lú
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Dún Dealgan
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View Council alerts for Louth at www.mapalserter.ie/Louth



Córas Iompair Éireann

Bainistíocht Maoine Grúpa
Teach Curzon
35, Sráid na Mainistreach Íochtarach
Baile Átha Cliath 1
D01 H560

Group Property Management
Curzon House
35, Lower Abbey Street
Dublin 1
D01 H560

Tel/Tel: +353 1 703 2932
Láithreán Gréasáin/Web: www.cie.ie

Date: 16 February 2024

Our Ref: 30/RGS

**Re: Planning Application by Oriel Windfarm Limited in Respect of Subterranean Electrical
Cable at Ardee, Co. Louth.**

Subject to Board Approval
Subject to Contract / Contract Denied
Without Prejudice

Dear Sir/Madam

I refer to the above matter and to recent discussions with Mairead Hogan of your organisation.

Coras Iompair Éireann is the owner of the Dublin - Belfast railway line. It is noted that Oriel Windfarm Ltd. intends to apply for planning permission to develop a subterranean grid connection cable which will necessitate a crossing of the Dublin – Belfast railway line near Ardee, Co. Louth. CIE is aware of this proposal and consents to the submission of a planning application which involves the installation of cable / ducting beneath the railway line.

Please note that, although CIE hereby grants landlord's consent to apply for planning permission, the above proposal shall be subject to the approval of the Board of CIE and subsequent grant of licence to the applicant, Oriel Windfarm Ltd.

Yours sincerely,

Graham Skelly
Chartered Surveyor

CIE Group Property Management

Mr. Neil Bell,
Engineering & Major Projects,
ESB,
One Dublin Airport Central,
Dublin Airport,
Cloghran,
Co. Dublin,
K67XF72

Uisce Éireann
Bosca OP448
Oifig Sheachadta na
Cathrach Theas
Cathair Chorcaí

Irish Water
PO Box 448,
South City
Delivery Office
Cork City.

www.water.ie

29 March 2023

Re: DIV23002 - Confirmation of Feasibility Letter, Oriel Offshore Windfarm 220 kV underground cable connection route. Subject to contract / Contract denied

Dear Mr. Bell,

Uisce Éireann has reviewed your enquiry in relation to building near/under multiple Uisce Éireann watermains, along the proposed route of the Oriel Offshore Windfarm 220 kV underground cable connection between Dunany and Richardstown, Co. Louth. Based upon the drawings and crossings table you have provided, listed in Appendix 1, and as assessed by Uisce Éireann, we wish to advise you that the proposed building near/under can be facilitated.

Based on the details available it is assumed all crossings will be below the Uisce Éireann assets. In the scenario site investigations determine a crossing may need to be above an Uisce Éireann asset instead, then this needs to be agreed in writing with Uisce Éireann in advance prior to the works taking place on the ground.

If you have any further questions, please contact Brendan Kearney from the Diversions team on 0871016233 or email brkearney@water.ie. For further information, visit: <https://www.water.ie/connections/developer-services/diversions/>.

Yours sincerely,



Yvonne Harris
Head of Customer Operations

Appendix 1 – List of submissions for DIV23002

'Oriel Offshore Wind Farm HV Cable Route Irish Water Crossings Table DIV23002'

'PE605-D027-098-001-002'

'PE605-D027-086-001-001 Service Crossing Under'

'PE605-D027-083-001-001 Proposed Trench Cross Section'

Richard Church

From: Doyle. Robert (Engineering and Major Projects) <robert.doyle2@esb.ie>
Sent: Monday 14 November 2022 10:07
To: Richard Church
Subject: FW: Oriel Wind Farm Planning Consent

From: Donal O'Caoimh <Donal.OCaoimh@gasnetworks.ie>
Sent: 27 October 2022 11:22
To: Bell. Neil (Engineering and Major Projects) <neil.bell@esb.ie>; Donncha O'Sullivan <Donncha.OSullivan@gasnetworks.ie>
Cc: Wayne Mullins <Wayne.Mullins@gasnetworks.ie>; Chris Dillon (C) <Chris.Dillon@gasnetworks.ie>; Process Safety <ProcessSafety@gasnetworks.ie>
Subject: RE: Oriel Wind Farm Planning Consent

CAUTION: This message is from an EXTERNAL SENDER - be CAUTIOUS, Do NOT Click any links or Open any attachments if you were not expecting them.

Hi Neil,

GNI don't provide consent pre-planning application stage. We have reviewed the documentation provided so far which appears to be in compliance with our requirements, namely:

- Cable crossings at 2 locations of our gas transmission pipeline are designed to be in trefoil formation
- GNI Code of Practice in terms of separation distances will be adhered to.

When the planning application is submitted, we then request a condition on the planning application that you make contact with us to ensure the project complies with our requirements. We appreciate the early engagement on this project.

Regards,

Dónal Ó Caoimh | *Senior Pipeline Safety Engineer*

Gas Networks Ireland

P.O. Box 51, Gasworks Road, Cork, Ireland

T +353 21 4534003 | **M** +353 87 2841209

E Donal.OCaoimh@gasnetworks.ie

gasnetworks.ie | Find us on [Twitter](#)



From: Bell. Neil (Engineering and Major Projects) <neil.bell@esb.ie>
Sent: Thursday 27 October 2022 09:52
To: Donncha O'Sullivan <Donncha.OSullivan@gasnetworks.ie>
Cc: Chris Dillon (C) <Chris.Dillon@gasnetworks.ie>; Process Safety <ProcessSafety@gasnetworks.ie>; Donal O'Caoimh <Donal.OCaoimh@gasnetworks.ie>
Subject: RE: Oriel Wind Farm Planning Consent

CAUTION: This email originated from outside of your organisation. Do not click links or open attachments unless you recognise the sender and are sure that the content is safe.

Good Morning Donnacha,

Would it be possible to have the GNI consent for ESB applying for planning for the Oriel project in a letter format, attached to the mail. Basically the contents of the mail below on a header letter would suffice.

Please let me know if this is possible.

Thanks in advance.

Regards

Neil Bell | HV Cable Route Designer | Engineering & Major Projects | ESB

T:+353 86 078 7303 | www.esb.ie

One Dublin Airport Central, Dublin Airport, Cloghran, Co. Dublin. K67 XF72

From: Donncha O'Sullivan <Donncha.OSullivan@gasnetworks.ie>

Sent: 17 October 2022 09:20

To: Bell, Neil (Engineering and Major Projects) <neil.bell@esb.ie>

Cc: Chris Dillon (C) <Chris.Dillon@gasnetworks.ie>; Process Safety <ProcessSafety@gasnetworks.ie>; Donal O'Caoimh <Donal.OCaoimh@gasnetworks.ie>

Subject: RE: Oriel Wind Farm Planning Consent

This message is from an EXTERNAL SENDER - be CAUTIOUS, Do NOT Click any links or Open any attachments if you were not expecting them.

Neil,

You recently contacted Gas Networks Ireland and requested information on its infrastructure in the vicinity of your forthcoming works. The Gas Transmission Pipelines in the general area of interest to you are shown, in **RED**, on the drawing attached. Please treat all Gas Networks Ireland Drawings as 'indicative' only.

To verify the *in situ* position of the Gas Transmission Pipelines please contact Chris Dillon, 087-927 9284, chris.dillon@gasnetworks.ie. All work in the vicinity of such must be completed in compliance with the attached 'Code of Practice 2021'.

The Gas Transmission Pipelines exist within Gas Networks Ireland Wayleaves. Such Wayleaves are normally 14m wide. No excavation may take place within any such Wayleave unless consent, in the form of a valid Excavation Permit, has been granted by Gas Networks Ireland. For further advice in regard to such Wayleaves please contact our Niamh Ryan, Niamh.Ryan@gasnetworks.ie.

GNI has reviewed the above referenced proposal and, without prejudice, find it acceptable. Again, at both Construction and Operation Stages, compliance in full with the attached 'Code of Practice' is required.

If, during the operation of the ESB Cables, electrical interference is caused to our Pipeline Cathodic Protection Apparatus then we may have to mitigate against such. The cost of any such mitigation will be borne by ESB.

Regards,

Donncha

Donncha Ó Sullivan BE CEng MIEI MIGEM

Development Liaison Engineer

Gas Networks Ireland

P.O. Box 51, Gasworks Road, Cork, Ireland

T +353 21 453 4613 | **M** +353 87 982 2437

E donncha.osullivan@gasnetworks.ie

gasnetworks.ie | Find us on [Twitter](#)

You are reminded that all work in the vicinity of Gas Networks Ireland Pipelines and Installations must be completed to comply fully with the relevant guidelines to be found in the current editions of the Health & Safety Authority publications, 'Code Of Practice For Avoiding Danger From Underground Services' and 'Guide To Safety In Excavations'. Both documents are available free of charge from The Health And Safety Authority. www.hsa.ie, 1890-28 93 89.

From: Bell. Neil (Engineering and Major Projects) <neil.bell@esb.ie>

Sent: Friday 14 October 2022 10:32

To: Donncha O'Sullivan <Donncha.OSullivan@gasnetworks.ie>

Cc: Doyle. Robert (Engineering and Major Projects) <robert.doyle2@esb.ie>; Hogan. Mairead (Engineering and Major Projects) <mairead.hogan@esb.ie>

Subject: Oriel Wind Farm Planning Consent

CAUTION: This email originated from outside of your organisation. Do not click links or open attachments unless you recognise the sender and are sure that the content is safe.

Dear Donncha,

I have previously been in contact with you in June 2021 regarding the proposed Oriel Offshore Windfarm and the associated proposed underground high voltage cable route that will cross Gas Networks Ireland high pressure transmission assets on the N33 at Charleville & at Caslethomas, County Louth.

The Oriel project is about to be awarded a Maritime Area Consent which will allow it to enter pre-application stage with An Bord Pleanála for a Development Consent. We are aiming to submit a planning application early in 2023 and are currently finalising the design and the Environmental Impact Assessment Report. We will also be holding public stakeholder engagement through the Autumn.

Oriel Wind Farm is seeking for a letter of consent from Gas Networks Ireland that you have reviewed our proposed onshore cable route and have no objections to the planning application. The proposed onshore cable route is outline on attached drawing PE-D027-011-077-00. The typical trench cross section is as per PE605-D027-083-001-001. I have also attached the location maps of the proposed underground cable route crossings with GNI assets.

Oriel Wind Farm Limited propose to cross any of your any existing infrastructure as per the GNI Code of Practice for Working in the Vicinity of the Transmission Network.

We are available to meet to discuss further any details where we cross your any existing infrastructure. If you could review and advise whether a letter of consent can be issued.

Regards

Neil Bell | HV Cable Route Designer | Engineering & Major Projects | ESB

T:+353 86 078 7303 | www.esb.ie

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbheithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimisceithe agus féadfar é a bheith neamhdhleathach. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Líonraí Gáis Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmisceithe na faisnéise seo. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire.

Féadfar ríomhphost a bheith soghabhálach i leith truailithe, idircheaptha agus i leith leasaithe neamhúdaráithe. Ní ghlacann Líonraí Gáis Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairachtaí chuig nó ó Líonraí Gáis Éireann chun comhlíonadh le polasaithe agus le caighdeáin Líonraí Gáis Éireann a chinntiú agus chun ár ngnó a chosaint. Líonraí Gáis Éireann cuideachta ghníomhaíochta ainmnithe, faoi theorainn scaireanna, atá corpraithe in Éirinn leis an uimhir chláráithe 555744 agus a tá hoifig chláráithe ag Bóthar na nOibreacha Gáis, Corcaigh, T12 RX96.

Go raibh maith agat as d'aird a thabhairt.

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[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: _____ 2021

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

[REDACTED]

I, [REDACTED], can confirm that I am the owner of the land registered to Folio Number LH34136F and outlined in blue in the attached map.

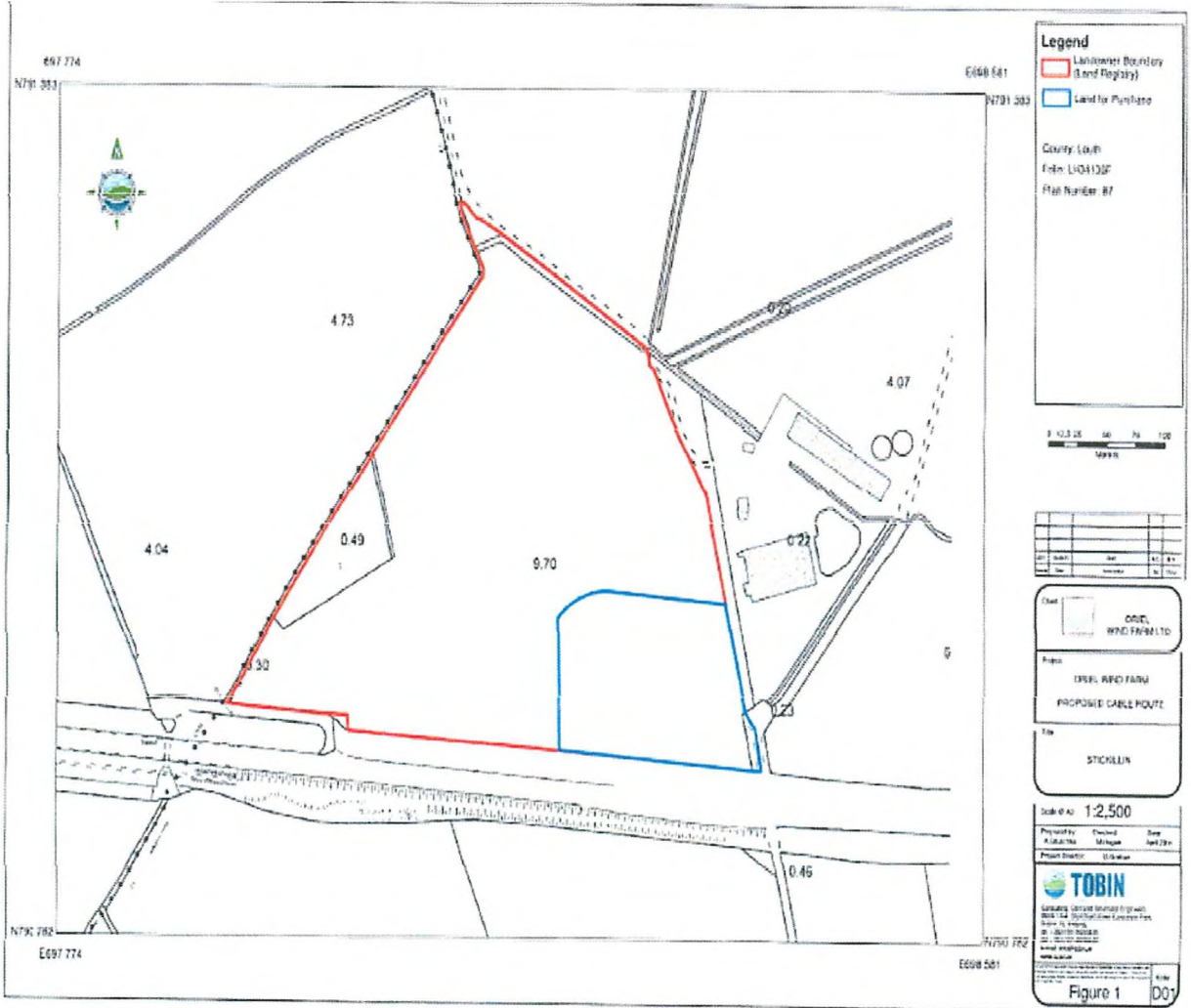
To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,

[REDACTED]

[REDACTED]

Date: 24th April 2021



E697 774
 N791 583

E688 581
 N791 583

N791 782
 E697 774

N791 782
 E688 581



Rev	Description	Date

Client: OISEL WIND FARMS LTD
 Project: OISEL WIND FARMS PROPOSED CABLE ROUTE
 File: STICKLUN

Scale of A3: 1:2,500
 Project No: 104132P
 Drawing No: 104132P-01
 Date: 10/01/2018
 Project Director: D. O'Sullivan

TOBIN
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 Tel: +353 1 454 4000
 Email: info@tobin.ie
 www.tobin.ie

Figure 1

[Redacted]
[Redacted]
[Redacted]
[Redacted]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: _____ 2021

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, [Redacted], on behalf of [Redacted], can confirm that [Redacted] is the owner of the land registered to Folio Number LH41050F and outlined in red in the attached map (reference PE605-D027-062-001-000).

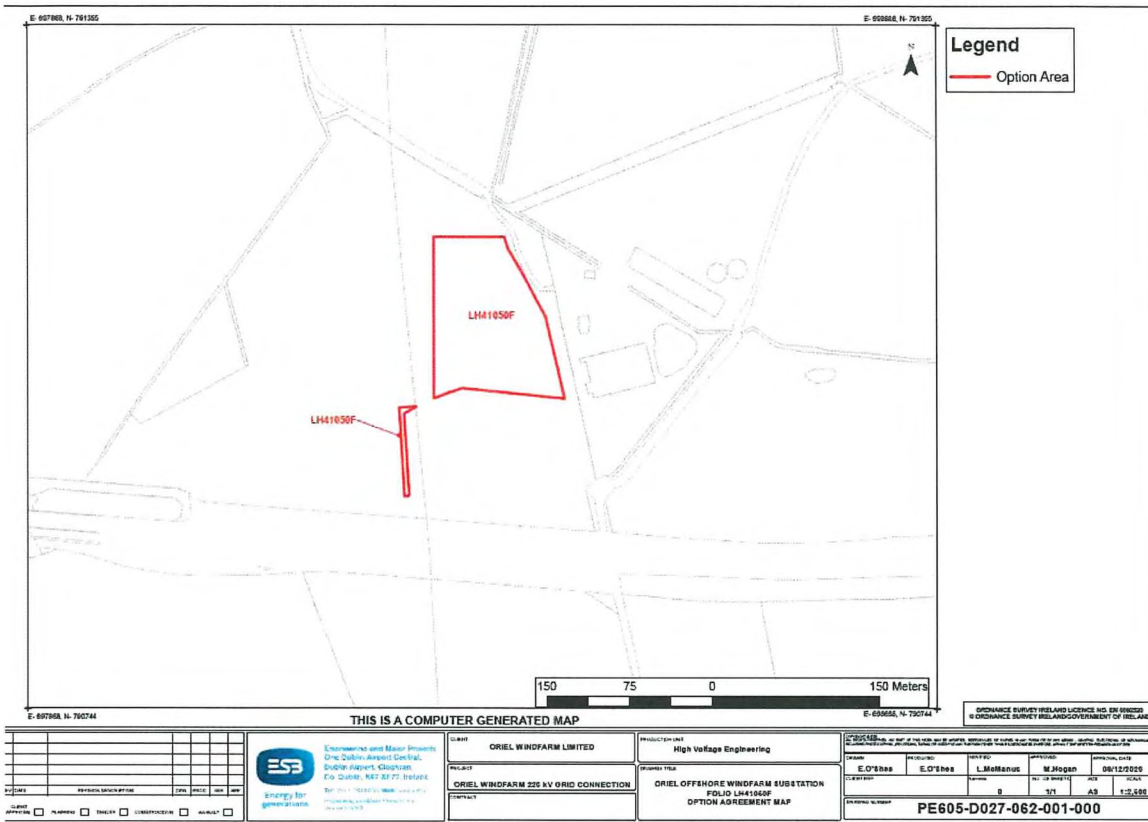
To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,

[Redacted Signature]

Date: 24th November 2021

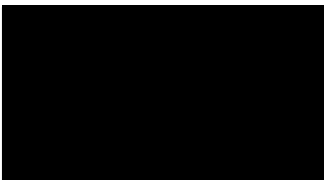
[Redacted]
For and on behalf [Redacted]



THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. 001 000000
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

<p>Engineering and Map Products One Dublin Avenue Central Dublin Airport, Clonsilla Co. Dublin, A67 A77, Ireland Tel: 01 404 0100, 0800 11 11 11 www.esr.ie</p>		<p>CLIENT ORIEL WINDFARM LIMITED</p> <p>PROJECT NAME High Voltage Engineering</p>	<p>DATE 08/12/2005</p> <p>BY E.O'Shea</p> <p>CHECKED BY E.O'Shea</p> <p>APPROVED BY L.McManus</p> <p>SCALE 1:1</p> <p>STATUS AS</p> <p>PROJECT NO. PE605-D027-062-001-000</p>
<p>PROJECT ORIEL WINDFARM 220 kV GRID CONNECTION</p> <p>DESCRIPTION ORIEL OFFSHORE WINDFARM SUBSTATION FIELD LH41050F OPTION AGREEMENT MAP</p>		<p>DATE 08/12/2005</p> <p>BY E.O'Shea</p> <p>CHECKED BY E.O'Shea</p> <p>APPROVED BY L.McManus</p> <p>SCALE 1:1</p> <p>STATUS AS</p> <p>PROJECT NO. PE605-D027-062-001-000</p>	




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: 2023

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth



I,  can confirm that I am the registered owner of the land registered to Folio Number LH9709 and outlined in red in the attached map (reference PE605-D027-042-001-003).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,





Date: 10/10/2023



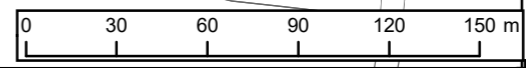
Legend

- LH9709 Property Boundary
- - - Proposed 220kV Underground Cable (UGC) Route
- Permanent Cable Easement
- - - Proposed Planning Boundary

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.
4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.

Folio: LH9709



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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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3		Updated UGC alignment for HDD & Added Note 4	NB	NB	KC	RD
2		Updated UGC easement to 5m	NB	NB	RD	RD
1		Updated issue date/title block	NB	NB	RD	RD
0	19/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C
REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

**Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.**

Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 KV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 001 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	K. Coffey	R.Doyle	01/02/2022
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
		3	A3	1:2,500
DRAWING NUMBER PE605-D027-042-001-003				

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: JUNE 2023

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

[REDACTED]

We, [REDACTED] can confirm that we are the registered owners of the land registered to Folio Numbers LH3110 and LH17824F and outlined in red in the attached map (reference PE605-D027-002-004-005).

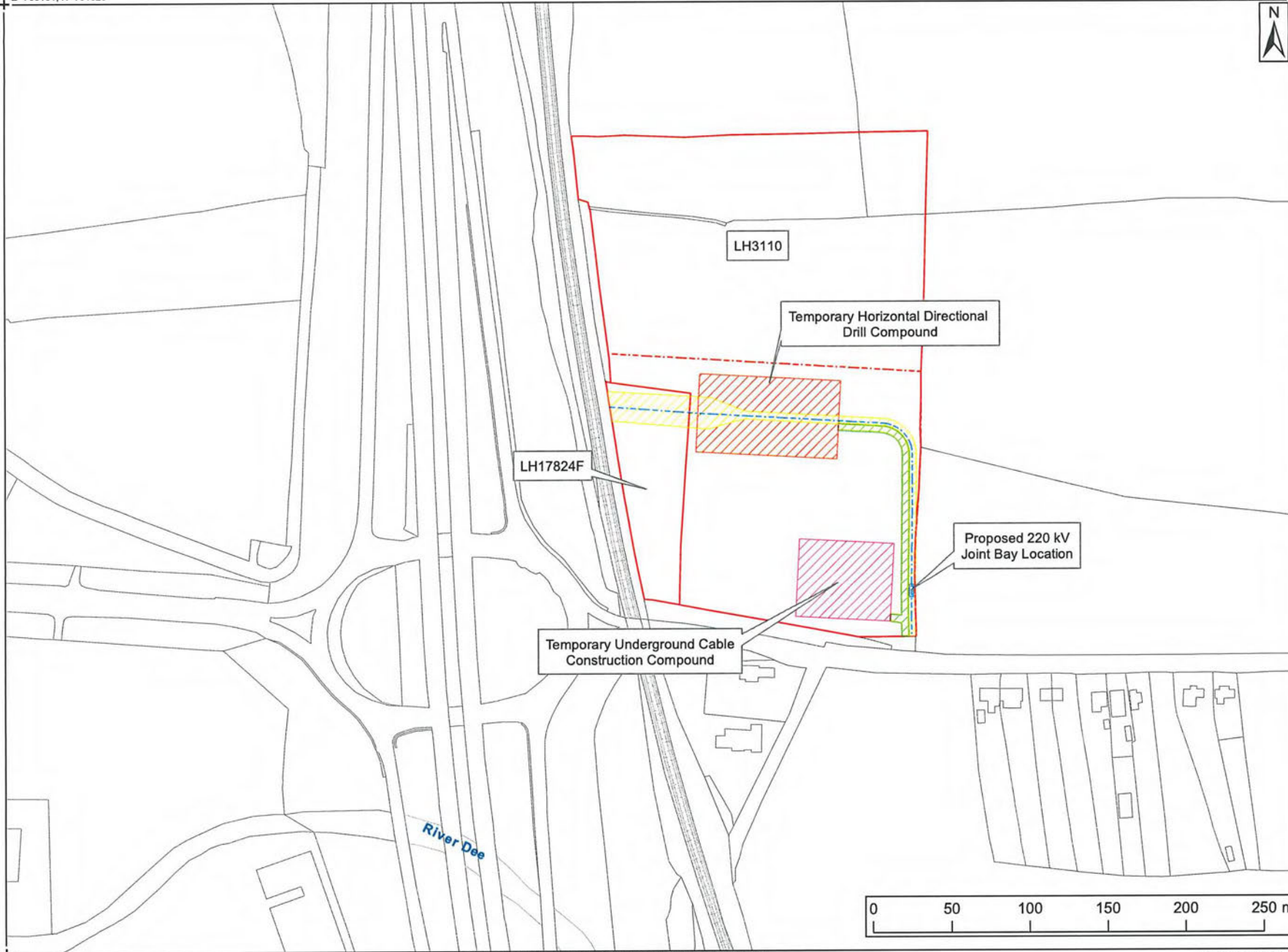
To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,

[REDACTED]

Date: 15th JUNE 2023

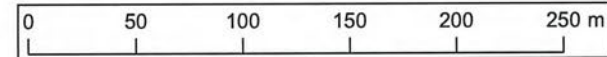
Date: 15th JUNE 2023



- Legend**
- Folio LH3110 Property Boundary
 - Folio LH17824F Property Boundary
 - Proposed 220 kV Underground Cable (UGC) Route
 - Proposed Planning Boundary
 - Proposed Permanent 5m Wide Underground Cable Easement
 - Proposed 220 kV Joint Bay Location
 - Proposed Temporary Horizontal Directional Drill Compound
 - Proposed Temporary Underground Cable Construction Compound
 - Proposed 4.5m Wide Temporary Construction Compound Access Track

- NOTES:**
1. OSI BACKGROUND MAPPING AT SCALE 1:2500
 2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
 3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.
 4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.
 5. THE CABLE EASEMENT INCREASES IN WIDTH AT THE HORIZONTAL DIRECTIONAL DRILL TO ILLUSTRATE THE WIDTH THAT COULD BE REQUIRED FOR THE DRILLING BORES. THE ACTUAL WIDTH WILL BE SUBJECT TO DETAILED DESIGN POST PLANNING APPROVED.

Folio LH3110/LH17824F



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DATE	REVISION DESCRIPTION	DRN	PROG	VER	APP
02/12/22	COMPOUNDS, ACCESS TRACK, ADDED	NB	NB	KC	RD
25/01/22	PLANNING BOUNDARY & NOTES ADDED	NB	NB	KC	RD
01/12/21	CABLE WAYLEAVE AREA REVISED & HDD ADDED	NB	NB	KC	RD
29/11/21	CABLE WAYLEAVE AREA & WIDTH REVISED	RD	NB	TS	MH
29/05/20	TITLE BLOCK & COMMENTS UPDATED	RN	RN	TS	MH
14/05/20	ISSUED FOR CONSULTATION	RN	RN	TS	MH



Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloughran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT:	Oriel Windfarm Limited
PROJECT:	Oriel Offshore Windfarm
CONTRACT:	

PRODUCTION UNIT:	Civil, Environmental & Renewable Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM OPTION AGREEMENT MAP HDD & CONSTRUCTION COMPOUND LAYOUT LANDOWNER ID OWF 002

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE	
N.Bell	N.Bell	K.Coffey	R.Doyle	02/12/22	
CLIENT REF.		Revision	NO. OF SHEETS	SIZE	SCALE
		5	1 of 1	A3	1:2,500
DRAWING NUMBER					
PE605-D027-002-004-005					

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

[REDACTED]

We, [REDACTED] can confirm that we are the owners of the land registered to Folio Number LH38930F and outlined in red in the attached map (reference PE605-D027-044-001-001).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

[REDACTED]

Date: 24/8/2022

Date: 24/8/2022

Date: 24/8/2022



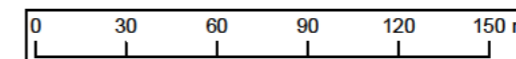
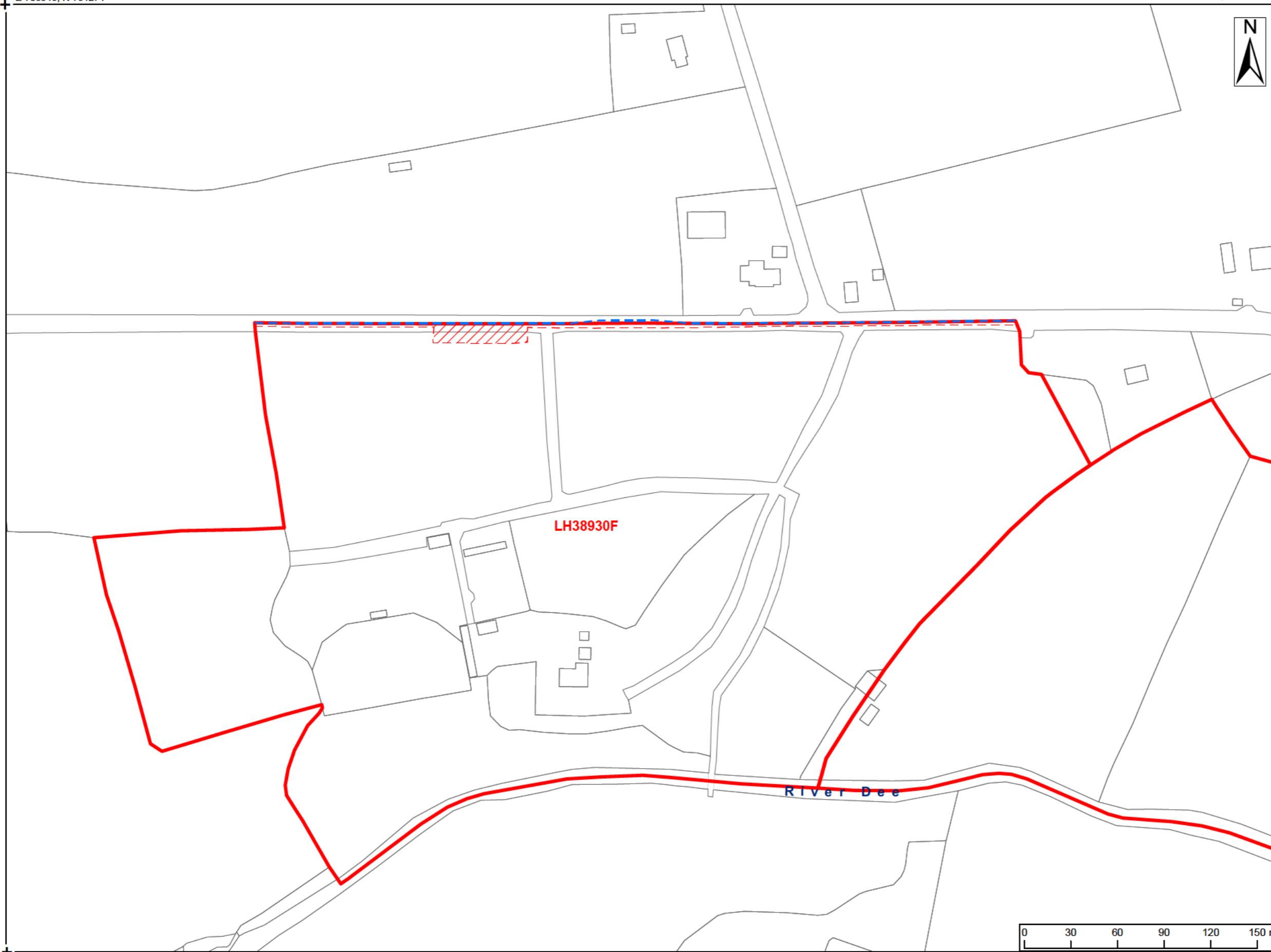
Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH38930F



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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
2	05/05/22	Moved JB10 100m West	N.B	N.B	KC	R.D
1	19/11/21	Update planning boundary/passing bay to 60m x 10m	N.B	N.B	RD	R.D
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



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Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 003-001 LANDOWNER OPTION AGREEMENT MAP

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DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: K.Coffey	APPROVED: R.Doyle	APPROVAL DATE: 05/05/2022
CLIENT REF.:	Revision:	NO. OF SHEETS: 2	SIZE: A3	SCALE: 1:2,500
DRAWING NUMBER: PE605-D027-044-001-002				

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

[REDACTED]

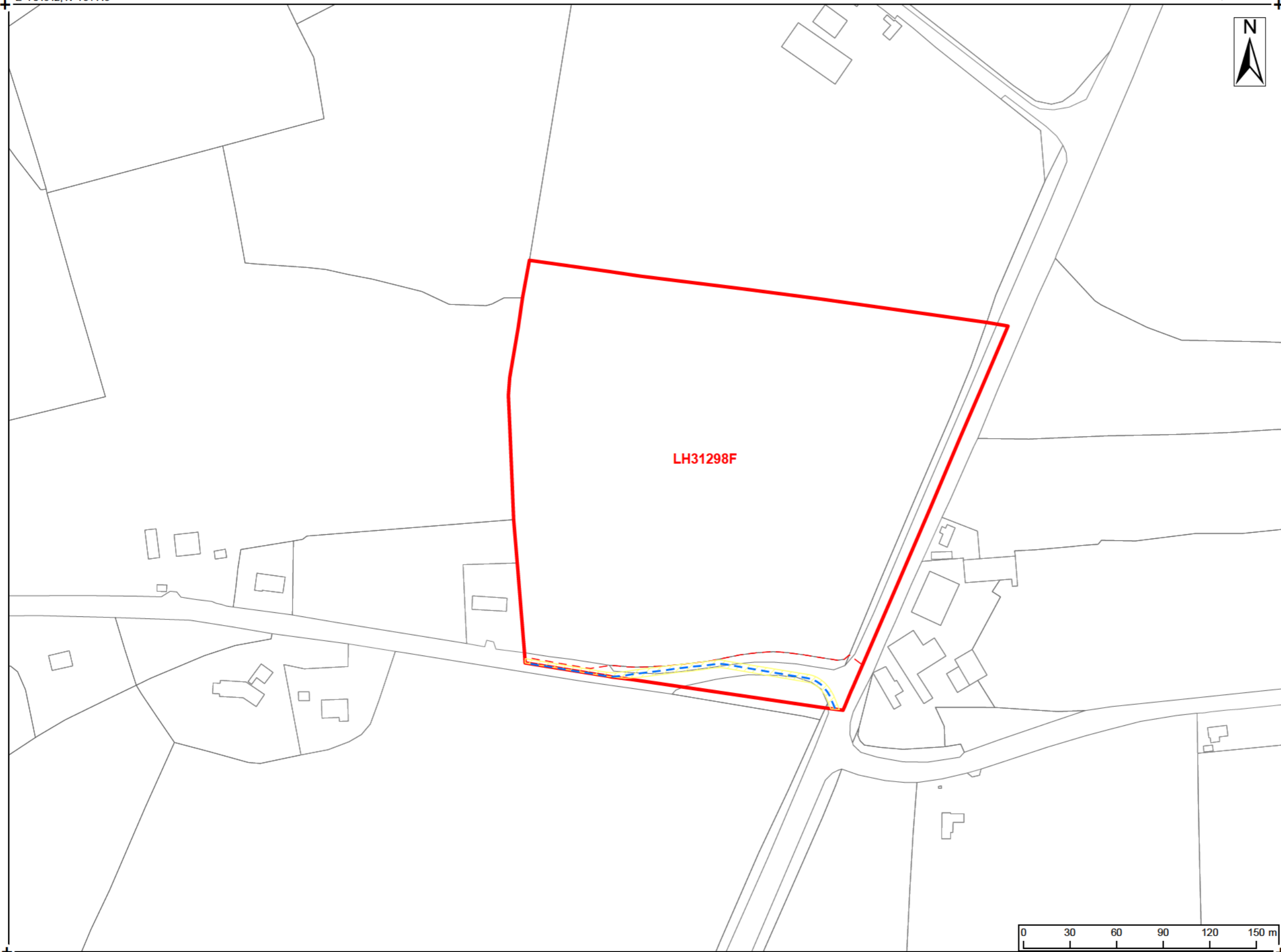
I, [REDACTED] can confirm that I am the owner of the land registered to Folio Number LH31298F and outlined in red in the attached map (reference PE605-D027-045-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,

[REDACTED]

Date: 6th September 2022



Legend

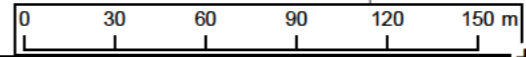
- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Permanent 5m Cable Easement

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.
4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.

Folio: LH31298F

LH31298F



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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
2		Added UGC Easement to Map & Note 4 to Notes	NB	NB	RD	RD
1	19/11/21	Updated Issue Date in Title Block as per PW Request	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

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One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: **ORIEL WINDFARM LIMITED**

PROJECT: **ORIEL WINDFARM 220 kV GRID CONNECTION**

CONTRACT:

PRODUCTION UNIT: **High Voltage Engineering**

DRAWING TITLE: **ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 004 LANDOWNER OPTION AGREEMENT MAP**

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DRAWN N.Bell	PRODUCED N.Bell	VERIFIED R.Doyle	APPROVED R.Donaghy	APPROVAL DATE 28/03/2022
CLIENT REF.		Revision	NO. OF SHEETS	SIZE
		2	1/1	A3
DRAWING NUMBER PE605-D027-045-001-002				

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

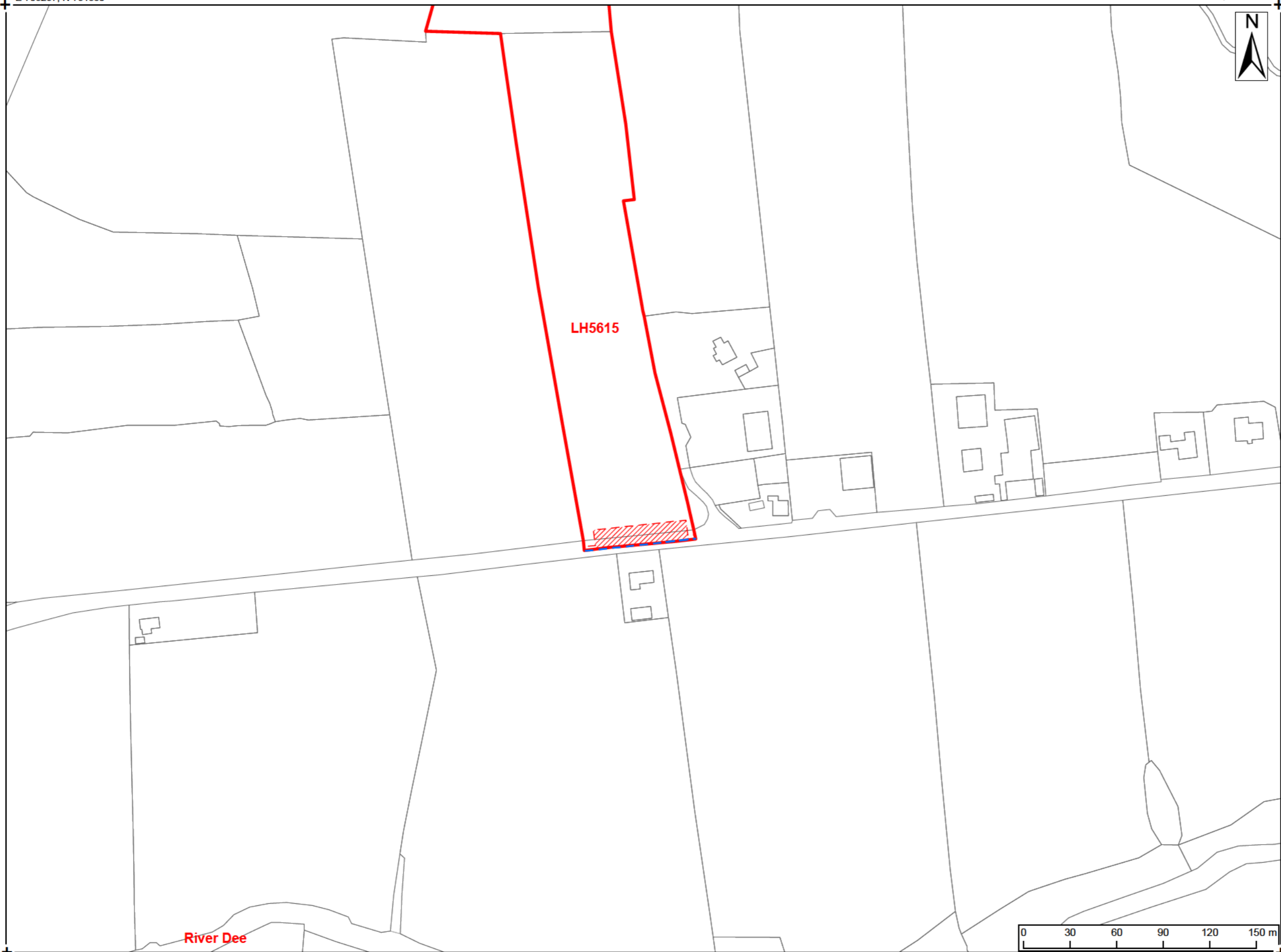
I, [REDACTED] can confirm that I am the owner of the land registered to Folio Number LH5615 and outlined in red in the attached map (reference PE605-D027-039-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,

[REDACTED]

Date: 6th Sept 2022



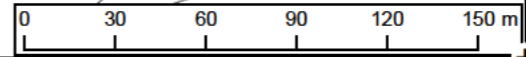
Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH5615



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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated passing bay to 60m x 10m	NB	NB	RD	RD
0	28/10/20	Option agreement map	E.O'S	E.O'S	T.S	K.C
CLIENT APPROVAL <input type="checkbox"/> PLANNING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT <input type="checkbox"/>						



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 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PRODUCTION UNIT: High Voltage Engineering
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 005 LANDOWNER OPTION AGREEMENT MAP
CONTRACT:

DRAWN N.Bell	PRODUCED N.Bell	VERIFIED R.Doyle	APPROVED R.Donaghy	APPROVAL DATE 19/11/2021
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
	1	1/1	A3	1:2,500
DRAWING NUMBER PE605-D027-039-001-001				

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[Redacted]

[Redacted]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: 15 March 2021

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

[Redacted]

We, [Redacted] can confirm that we are the owners of the land registered to Folio Number LH6549 and outlined in red in the attached map.

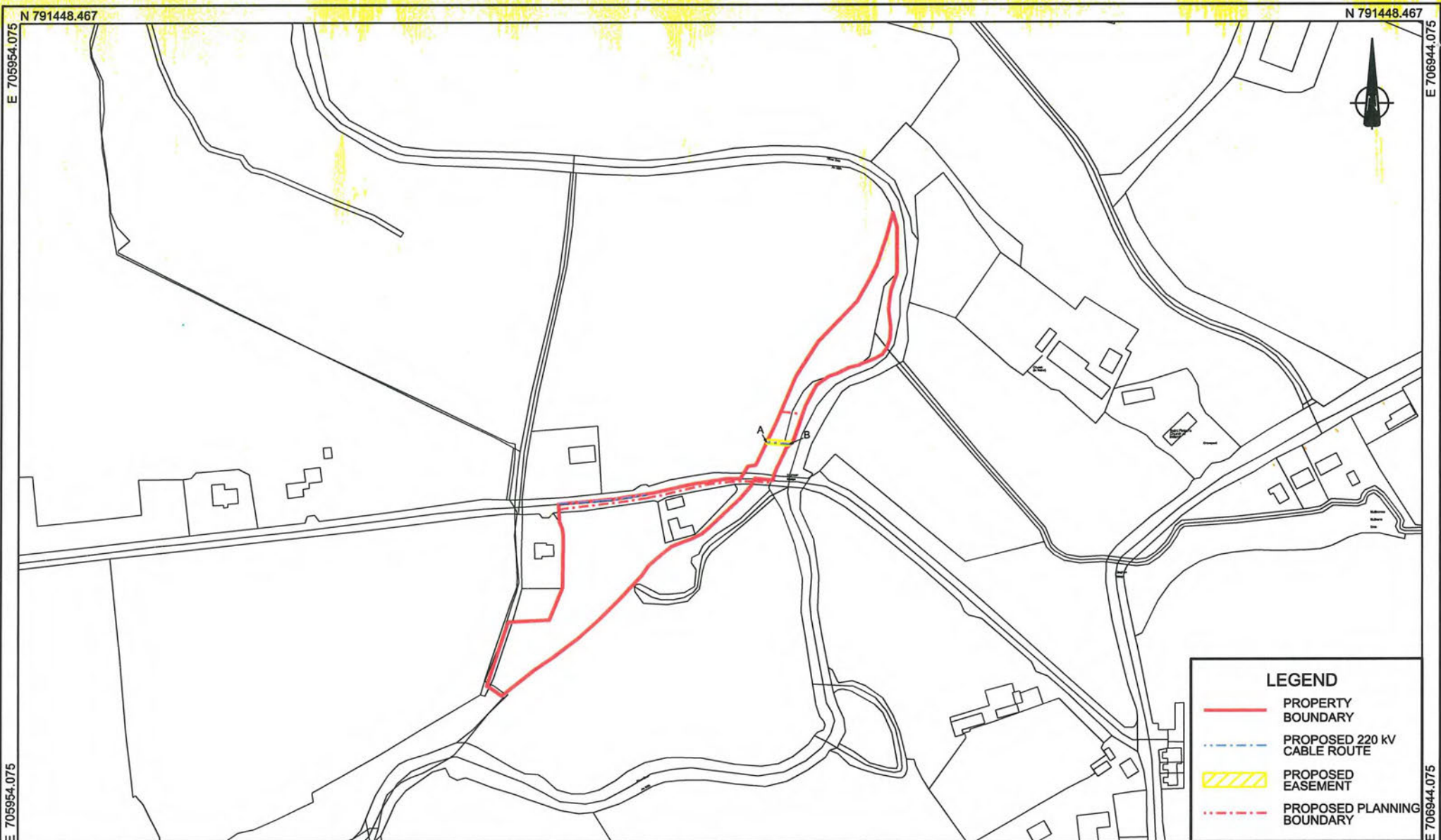
To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,

[Redacted Signature Block]

Date: 26/2/21

Date: 26/02/21



LEGEND

- PROPERTY BOUNDARY
- - - PROPOSED 220 kV CABLE ROUTE
- PROPOSED EASEMENT
- - - PROPOSED PLANNING BOUNDARY

N 791448.467 E 706944.075 N 791448.467 E 706944.075

N 790868.812 N 790868.812

Ordnance Survey Ireland Licence No. EN 0092320 FOLIO LH 6549

©Ordnance Survey Ireland/Government of Ireland

THIS IS A COMPUTER GENERATED MAP

NOTE: OSI BACKGROUND MAPPING AT SCALE OF 1:2500.

Rev.	Date	Revision Description	Dim.	Prod.	Ver.	App.
002	31/03/21	PROPOSED PLANNING BOUNDARY ADDED		RN		
001	22/05/20	TITLE BLOCK UPDATED		TS	RN	TS MH
000	14/05/20	FIRST ISSUE		TS	RN	TS MH

Purpose of issue - Preliminary unless indicated
 Client Approval Planning Tender Construction As-built

Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloughran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 059 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 Division of ESB

Client ORIEL WINDFARM LIMITED

Project ORIEL WINDFARM 220 kV GRID CONNECTION

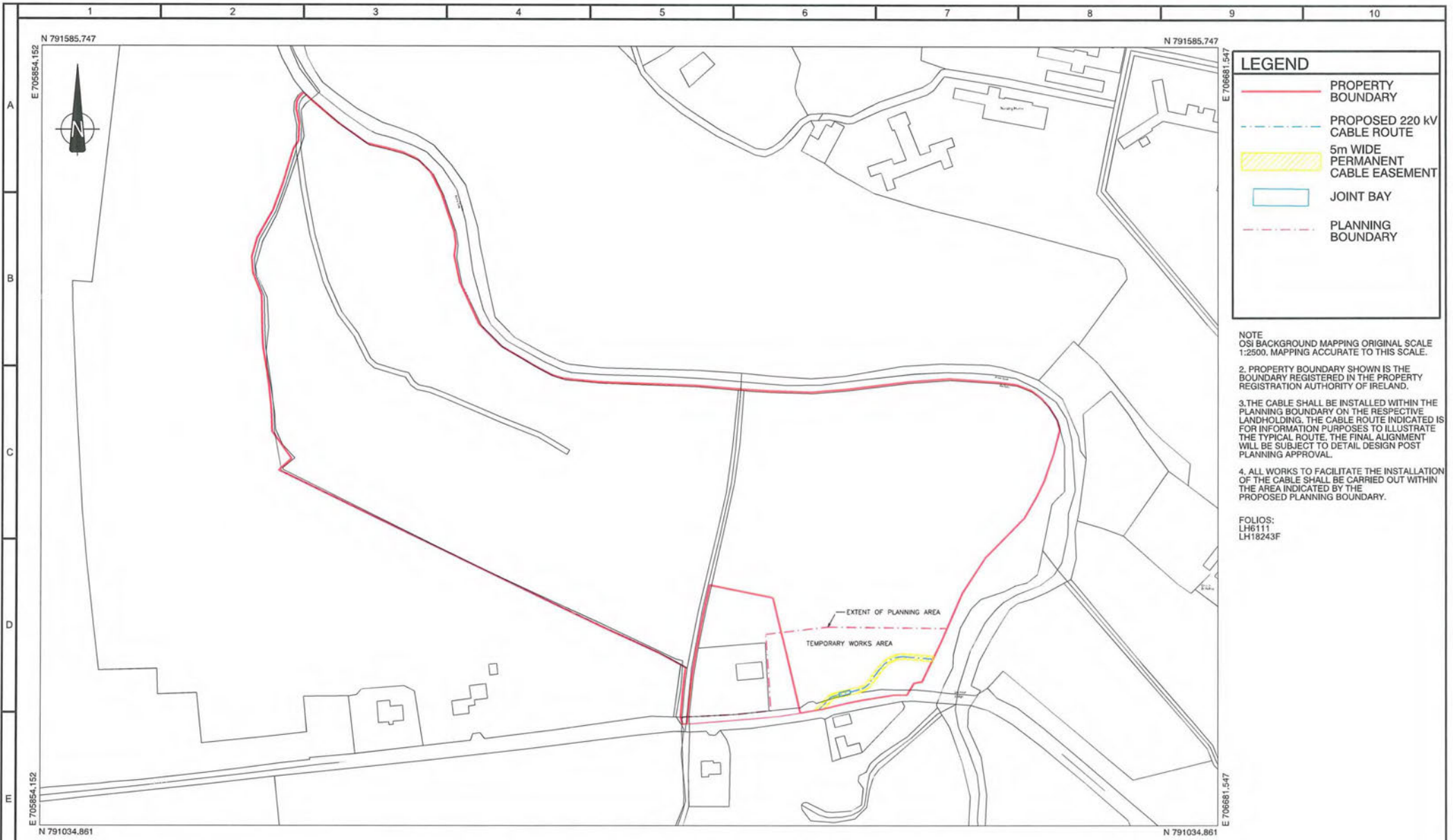
Contract NA

Production Unit Networks Engineering

Drawing Title ORIEL OFFSHORE WINDFARM LANDOWNER ID OWF 006 LANDOWNER OPTIONS AGREEMENT MAP

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DRAWN T.Sheridan	PRODUCED R.Nugent	VERIFIED T.Sheridan	APPROVED K.Coffey	APPROVAL DATE 08/04/2021
CLIENT REF TC223025			No. OF SHEETS 1	SIZE A3
Drawing Number				SHEET REV
PE605-D027-031-003-002				



LEGEND

- PROPERTY BOUNDARY
- PROPOSED 220 kV CABLE ROUTE
- 5m WIDE PERMANENT CABLE EASEMENT
- JOINT BAY
- PLANNING BOUNDARY

NOTE
 OSI BACKGROUND MAPPING ORIGINAL SCALE 1:2500. MAPPING ACCURATE TO THIS SCALE.

2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND.

3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.

FOLIOS:
 LH6111
 LH18243F

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THIS IS A COMPUTER GENERATED MAP

Rev.	Date	Revision Description	Drn.	Prod.	Ver.	App.
002	24/01/22	UPDATED LEGEND NOTES, PROPERTY BOUNDARY, PLANNING BOUNDARY, CABLE ROUTE & JOINT BAY	NB	NB	KC	RD
001	20/05/20	UPDATED TITLE BLOCK AND NOTES	TS			
000	14/05/20	First Issue	TS	RI	TS	RN

Purpose of issue - Preliminary unless indicated
 Client Approval Planning Tender Construction As-built



Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.

Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a division of ESB.

Client	ORIEL WINDFARM LIMITED
Project	ORIEL WINDFARM 220 kV GRID CONNECTION
Contract	NA

Production Unit	Networks Engineering
Drawing Title	ORIEL OFFSHORE WINDFARM LANDOWNER CONSENTS MAP LANDOWNER ID OWF 006A

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DRAWN R.Nugent	PRODUCED Bell_Neil	VERIFIED K.Coffey	APPROVED Doyle_Rbt	APPROVAL DATE 26/01/2022
CLIENT REF TC222275		No. OF SHTS 1/1	SIZE A3	SCALE 1:2500
Drawing Number			SHEET REV PE605-D027-013-003-002	

■■■■
■■■■
■■■■
■■■■

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____ 2022

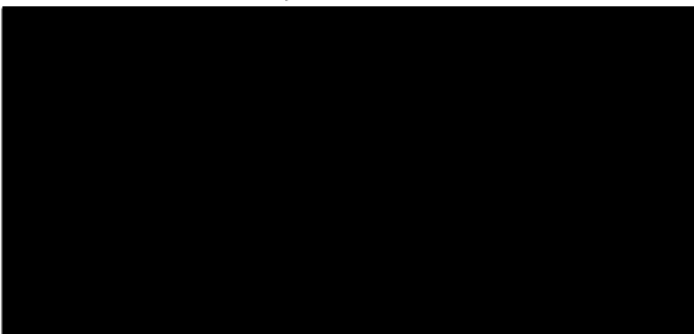
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

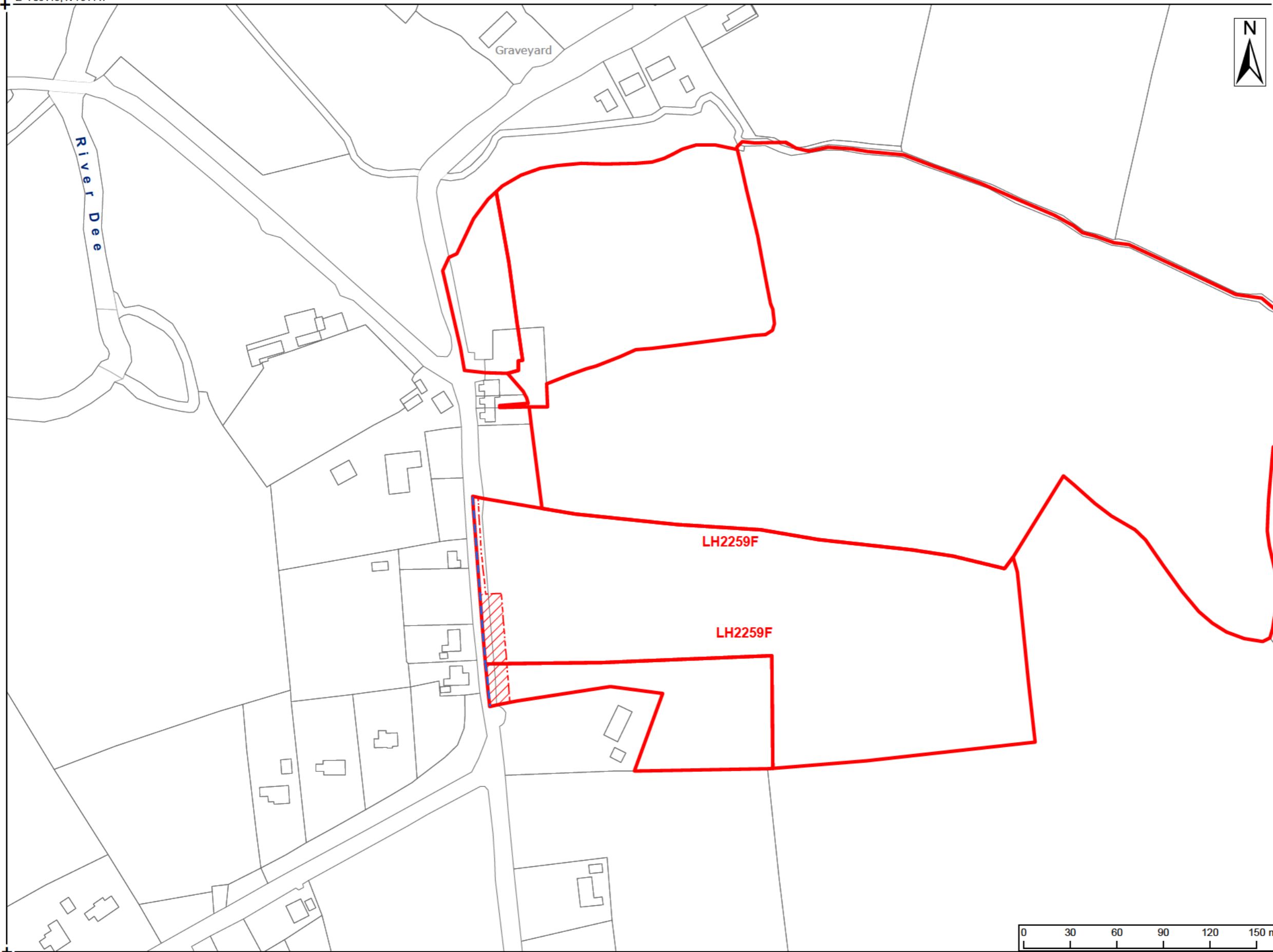
I, ■■■■ ■■■■ can confirm that I am the owner of the land registered to Folio Number LH2259F and outlined in red in the attached map (reference PE605-D027-046-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 19 April 2022,



Legend

- - - Proposed Planning Boundary
- Property Boundary
- - - Proposed 220 kV Underground Cable (UGC) Route
- Passing Bay

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH2259F

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated planning boundary/passing bay to 80m x10m	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 007 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	R.Doyle	R.Donaghy	19/11/2021
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
		1	1/1	A3
DRAWING NUMBER				
PE605-D027-046-001-001				

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, [REDACTED] can confirm that I am the owner of the land registered to Folio Number LH12172F and outlined in red in the attached map (reference PE605-D027-058-001-001).

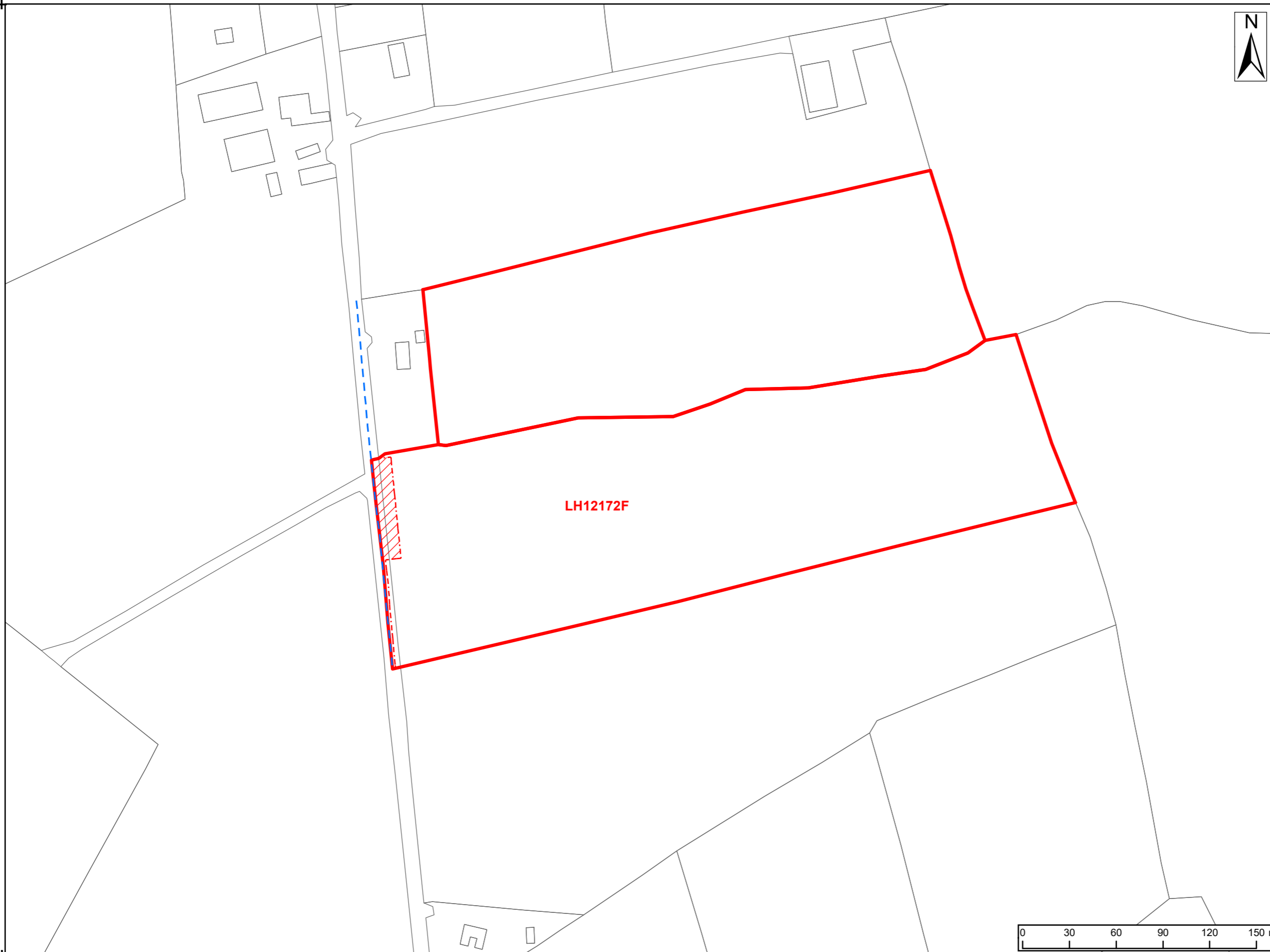
To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,

[REDACTED]

[REDACTED]

Date: 18/5/2022



Legend

- - - - Proposed Planning Boundary
- - - - Proposed 220 kV Underground Cable (UGC) Route
- Property Boundary
- Passing Bay

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH12172F

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

1	Updated planning boundary/passing bay to 60m x 10m	NB	NB	RD	RD
0	Option agreement map	E.O'S	E.O'S	T.S	K.C
REV	DATE	DRN	PROD	VER	APP

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: **ORIEL WINDFARM LIMITED**

PROJECT: **ORIEL WINDFARM 220 kV GRID CONNECTION**

CONTRACT:

PRODUCTION UNIT: **High Voltage Engineering**

DRAWING TITLE: **ORIEL OFFSHORE WINDFARM
LANDOWNER ID: OWF 008
LANDOWNER OPTION AGREEMENT MAP**

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DRAWN N.Bell	PRODUCED N.Bell	VERIFIED R.Doyle	APPROVED R.Donaghy	APPROVAL DATE 19/11/2021
CLIENT REF.	Revision	NO. OF SHEETS 1	SIZE A3	SCALE 1:2,500
DRAWING NUMBER PE605-D027-058-001-001				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

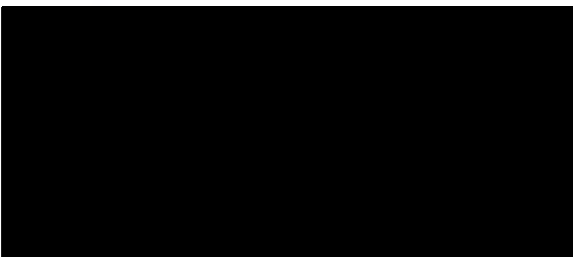
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , can confirm that I am the owner of the land registered to Folio Number LH5938F and outlined in red in the attached map (reference PE605-D027-051-001-000).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____

E- 706540, N- 789693

E- 707361, N-789693



Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH5938F

LH5938F



E- 706540, N-789083

E-707361, N-789083

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated planning boundary/passing bay to 60m x 10m	NB	NB	RD	RD
0	19/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C.

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



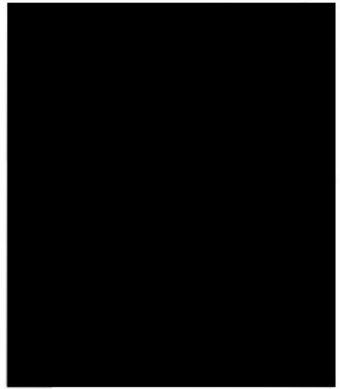
Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloughran,
 Co. Dublin, K67 XF22, Ireland.

Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 009 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE	
N.Bell	N.Bell	R.Doyle	R.Donaghy	19/11/2021	
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE	
	1	1/1	A3	1:2,500	
DRAWING NUMBER					
PE605-D027-051-001-001					




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 4 July 2022

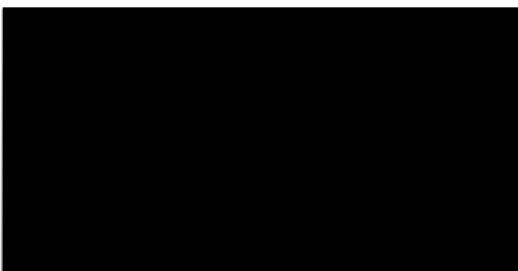
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , can confirm that I am the owner of the land registered to Folio Number LH1419 and outlined in red in the attached map (reference _____).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 4 July 2022

E- 707380, N- 789957

E-708201, N-789957



Legend

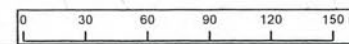
- Property Boundary
- Proposed 220kV Underground Cable (UGC) Route
- Proposed Planning Boundary
- Proposed Passing Bay
- Proposed 220 kV Joint Bay Location

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH1419N

LH1419N



ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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E- 707380, E-789347

E-708201, N-789347

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0	10/05/22	OPTION AGREEMENT MAP	NB	NB	KC	RD			
REV	DATE	REVISION DESCRIPTION	TYPE	PROJ	VER	APP			
<input type="checkbox"/> AS BUILT <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> TENDER <input type="checkbox"/> PLANNING <input type="checkbox"/> APPROVAL									



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 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 253 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
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CLIENT ORIEL WINDFARM LIMITED
PROJECT ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT

PROJECT/SUBJECT Civil, Environmental & Renewable Engineering
DRAWING TITLE ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 010A LANDOWNER OPTION AGREEMENT MAP

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DRAWN N.Bell	DRAWN/CHECKED N.Bell	VERIFIED K.Coffey	APPROVED R.Doyle	APPROVAL DATE 10/05/2022
CLIENT REF	Revision 1	NO. OF SHEETS 1/1	SIZE A3	SCALE 1:2,500
DRAWING NUMBER PE605-D027-091-001-000				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

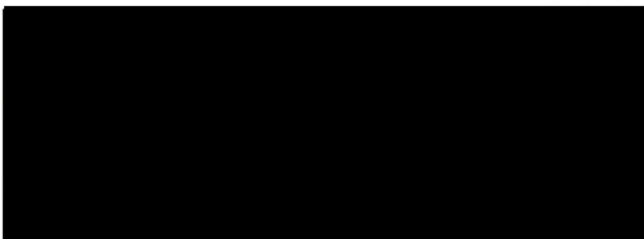
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

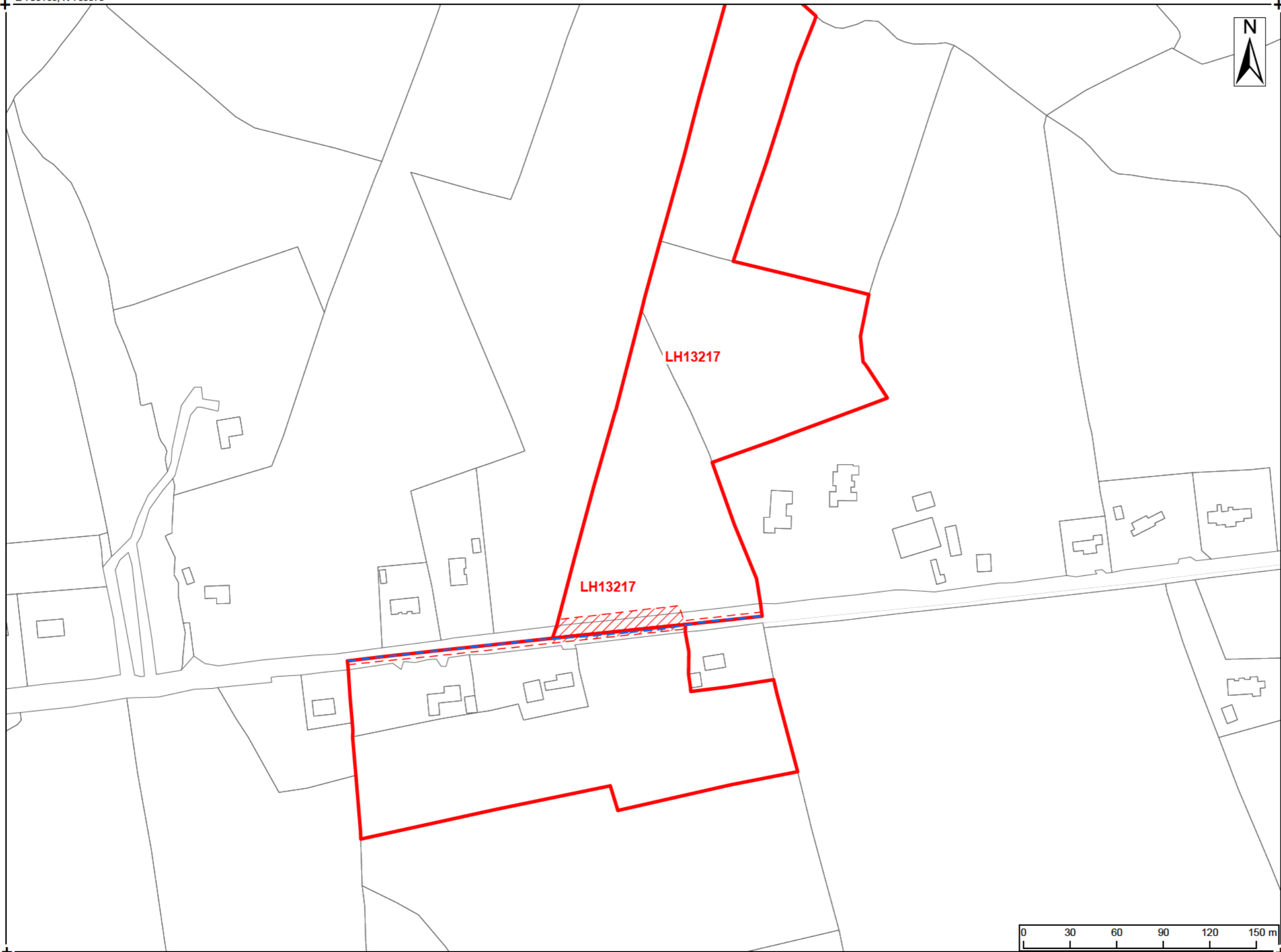
I, , can confirm that I am the owner of the land registered to Folio Numbers LH13217, LH41113F and outlined in red in the attached maps (reference PE605-D027-047-001-001 and PE605-D027-048-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 7-4-2022



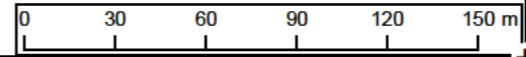
Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH13217



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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated passing bay to 60m x 10m	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

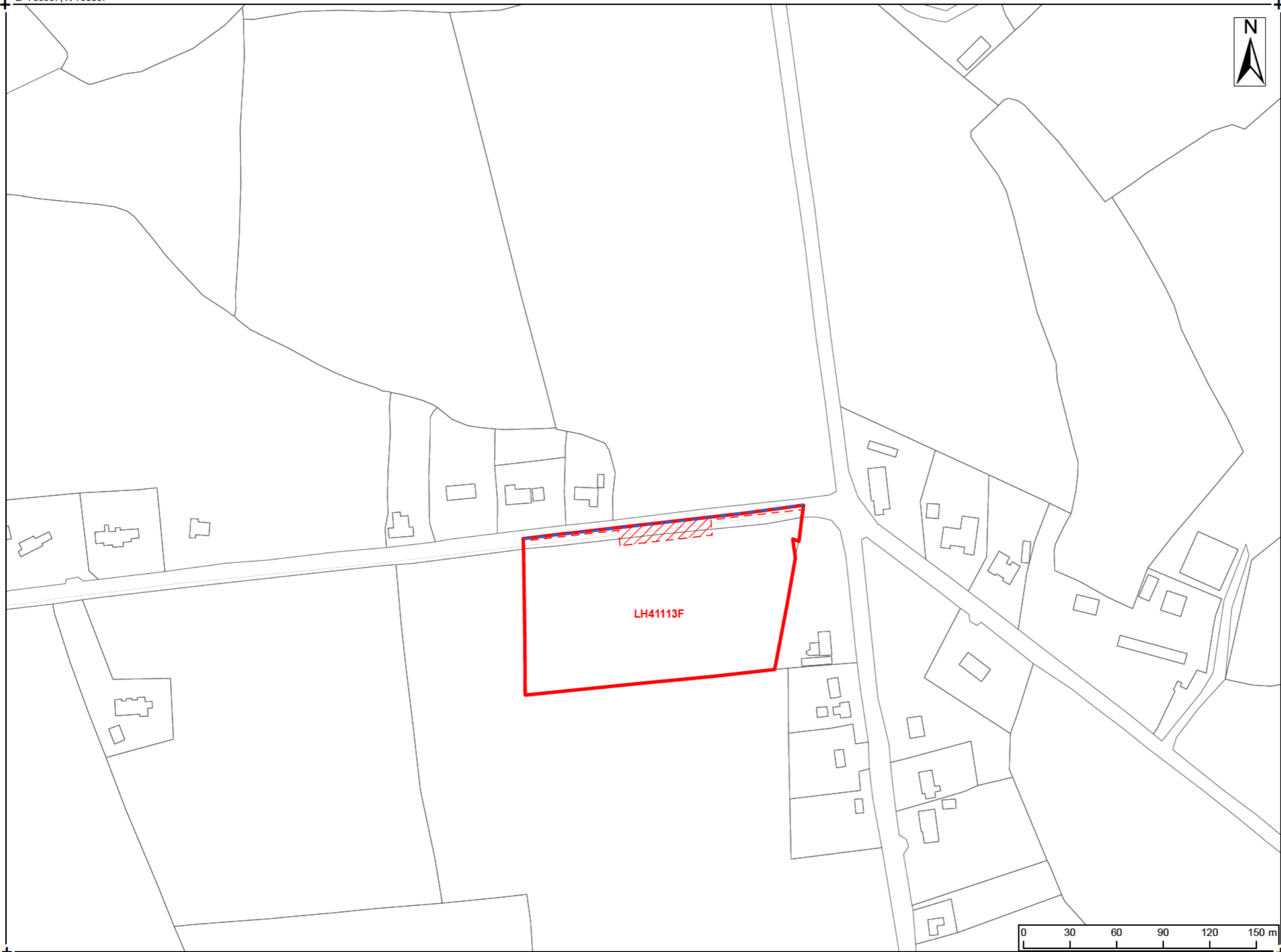


Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 011 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE	
N.Bell	N.Bell	R.Doyle	R.Donaghy	19/11/2021	
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE	
		1	A3	1:2,500	
DRAWING NUMBER PE605-D027-047-001-001					



Legend

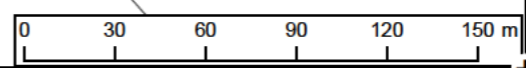
- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Passing Bay

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH41113F

THIS IS A COMPUTER GENERATED MAP



ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated passing bay to 60m x 10m	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 KV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 012 LANDOWNER OPTION AGREEMENT MAP

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DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: R.Doyle	APPROVED: R.Donaghy	APPROVAL DATE: 19/11/2021	
CLIENT REF.:		Revision: 1	NO. OF SHEETS: 1/1	SIZE: A3	SCALE: 1:2,500
DRAWING NUMBER: PE605-D027-048-001-001					




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 14 March 2021

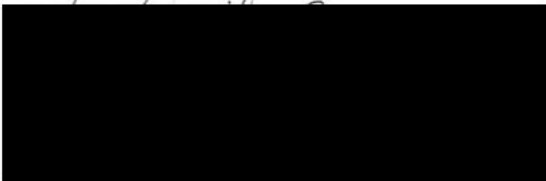
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

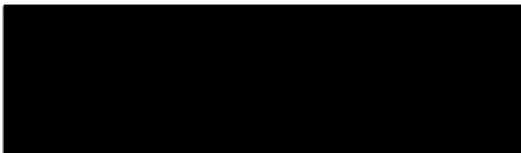
We, , can confirm that we are the owners of the land registered to Folio Number LH27801F and outlined in red in the attached map.

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,



Date: 10/12/2021



Date: 15/12/21



E-709418, N-789781

E-710239, N-789781



Legend

- Proposed Cable Route
- Proposed Passing Bay
- LH27801F Property Boundary
- LH14868F Property Boundary
- Planning Boundary
- Proposed Joint Bay Location

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH27801F
Folio: LH14868F

E- 709418, N-789171

E- 710239, N-789171

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
0		Amended folio numbers	NB	NB	RD	RD
0		Option agreement map	NB	NB	RD	RD

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloughran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: **ORIEL WINDFARM LIMITED**

PROJECT: **ORIEL WINDFARM 220 kV GRID CONNECTION**

CONTRACT:

PRODUCTION UNIT: **High Voltage Engineering**

DRAWING TITLE: **ORIEL OFFSHORE WINDFARM
LANDOWNER ID: OWF 013
LANDOWNER OPTION AGREEMENT MAP**

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	R.Doyle	R.Donaghy	02/12/21
CLIENT REF.		Revision	NO. OF SHEETS	SIZE SCALE
		1	1/1	A3 1:2,500
DRAWING NUMBER				PE605-D027-080-001-001




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____



Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

We, , can confirm that we are the owners of the land registered to Folio Number LH23784F and outlined in red in the attached map (reference PE605-D027-063-001-000).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

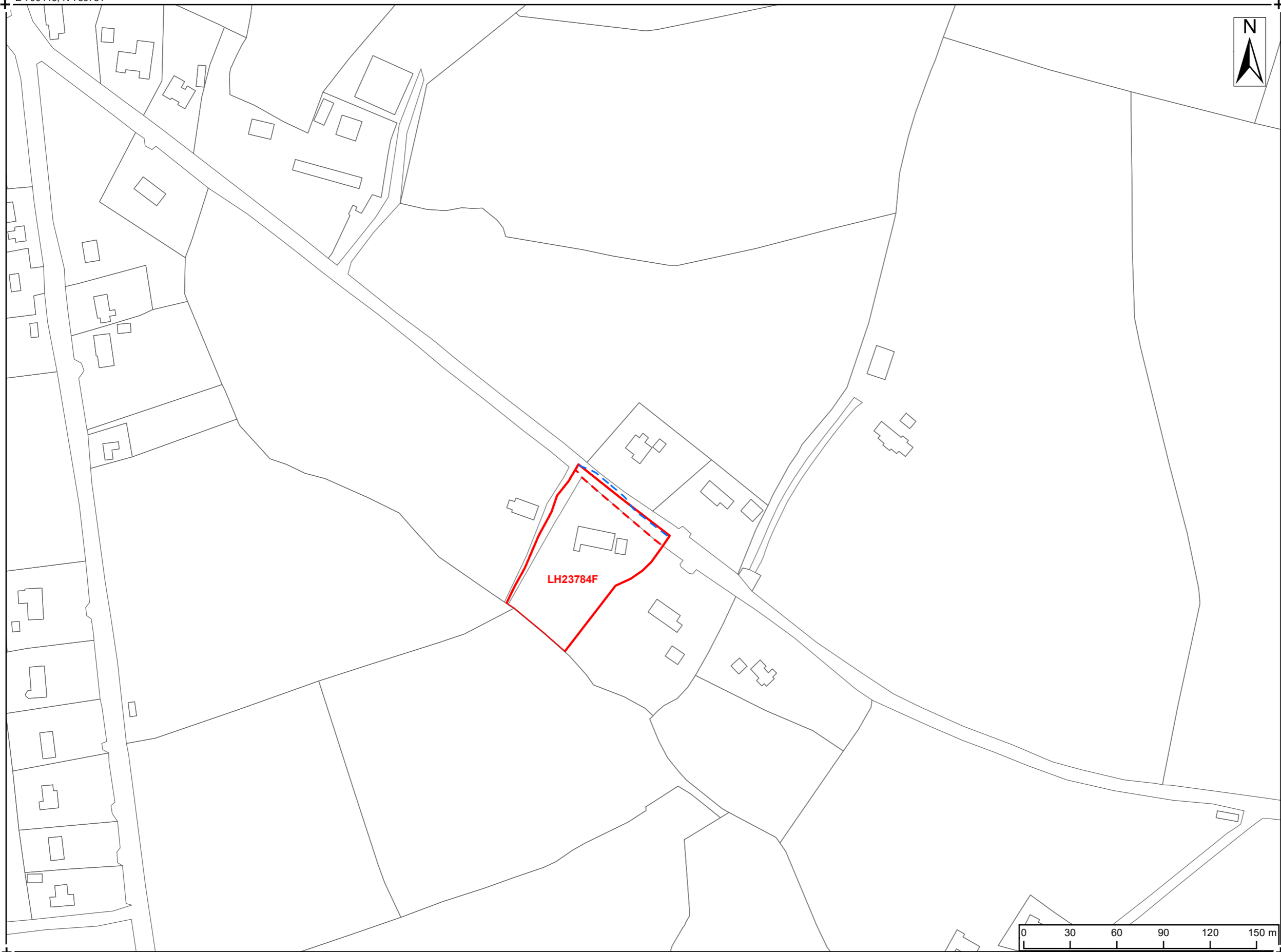
Yours sincerely,

Date: 25/1/22



Date: 25/1/22



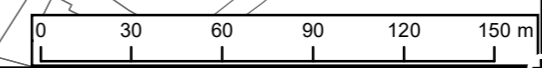
Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH23784F



THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
 © ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated title block	NB	NB	RD	RD
0	25/01/21	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



**Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.**

Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a division of ESB.

CLIENT: **ORIEL WINDFARM LIMITED**

PROJECT: **ORIEL WINDFARM 220 kV GRID CONNECTION**

CONTRACT:

PRODUCTION UNIT: **High Voltage Engineering**

DRAWING TITLE: **ORIEL OFFSHORE WINDFARM
 LANDOWNER ID: OWF 013B
 LANDOWNER OPTION AGREEMENT MAP**

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	R.Doyle	R.Donaghy	19/11/2021
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
		1	1/1	A3 1:2,500
DRAWING NUMBER PE605-D027-063-001-001				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

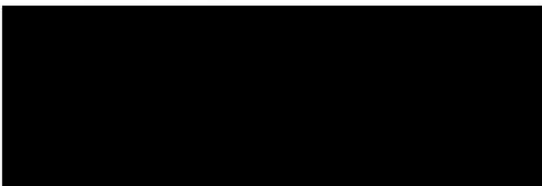
We, , confirm that we are the owners of the land registered to Folio Number LH17136F and outlined in red in the attached maps (reference PE605-D027-053-001-000 PE605-D027-053-002-000).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,



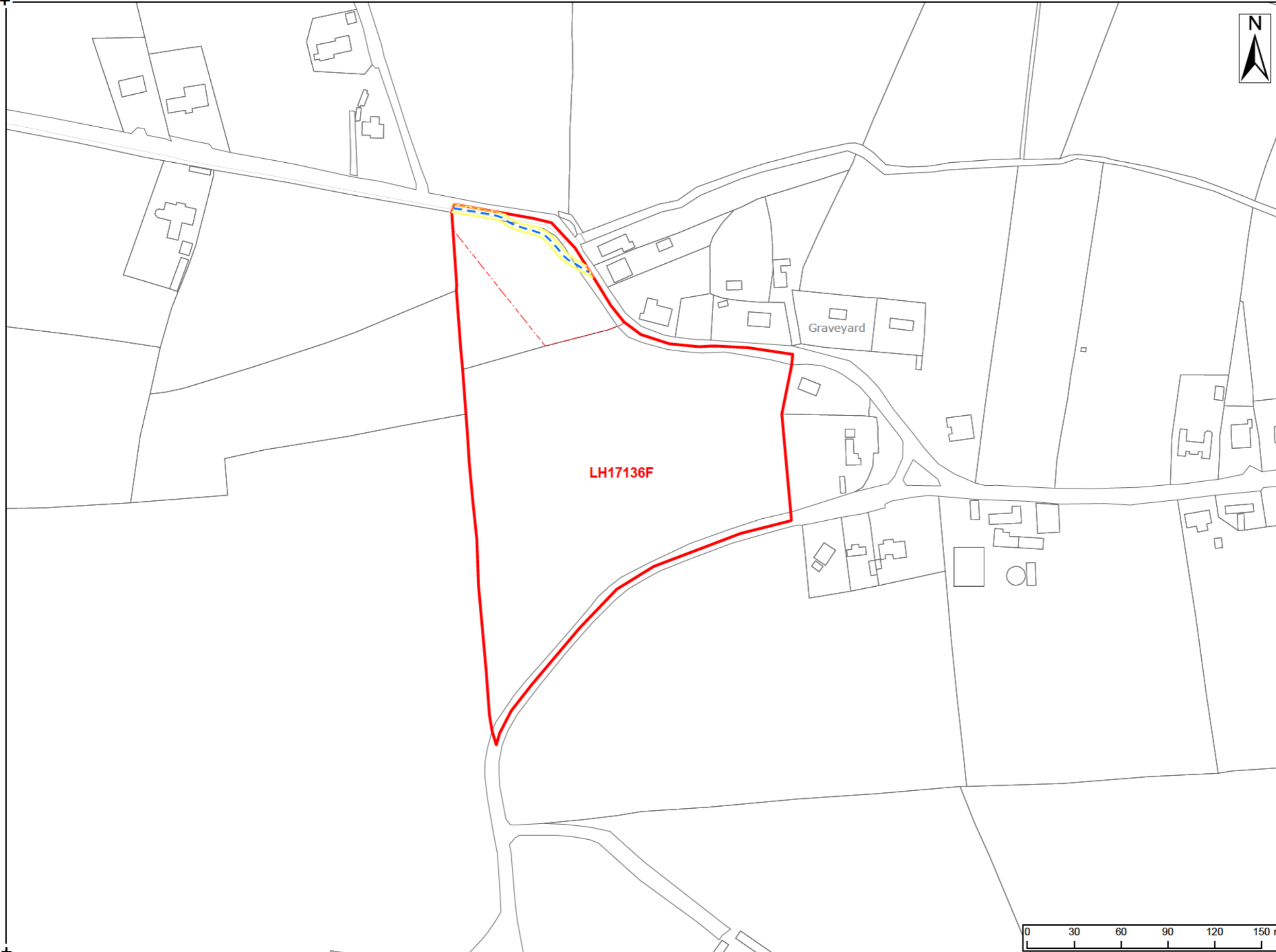
Date: 7/3/2022



Date: 7/3/2022

E-710450, N-789356

E-711270, N-789356



Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- 5m Wide Permanent Cable Easement

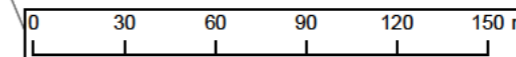
NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.
4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY

Folio: LH17136F

LH17136F

Graveyard



E-710450, N-788746

E-711270, N-788746

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

3	Updated Folio/UGC Route/Planning Boundary	NB	NB	KC	RD
2	Updated Cable Easement to 5m	NB	NB	RD	RD
1	Updated date/title block	NB	NB	RD	RD
0	Option agreement map	E.O'S	E.O'S	T.S	K.C
REV	DATE	DRN	PROD	VER	APP

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 KV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 014A-001 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	K.Coffey	R.Doyle	21/01/2022
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
	3	1/1	A3	1:2,500
DRAWING NUMBER PE605-D027-053-001-003				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 3/11/2021

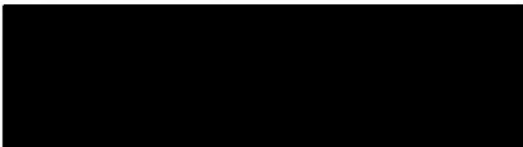
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

We, , can confirm that we are the owners of the land registered to Folio Numbers LH15941F and outlined in red in the attached map (reference PE605-D027-059-001-000).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,




Date: 02/11/2021

Date: 02/11/2021

E-710105, N-789659

E-710924, N-789659



E-710105, N-789049

E-710924, N-789049

THIS IS A COMPUTER GENERATED MAP

Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH15941F

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

1	Updated planning boundary/passing bay to 60m x 10m	NB	NB	RD	RD	
0	Option agreement map	E.O'S	E.O'S	T.S	K.C	
REV	DATE	DESCRIPTION	DRN	PRCD	VER	APP
CLIENT APPROVAL <input type="checkbox"/> PLANNING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT <input type="checkbox"/>						



Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloughran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PRODUCTION UNIT:	High Voltage Engineering
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 014I OWF 014B LANDOWNER OPTION AGREEMENT MAP
CONTRACT:	

DRAWN:	N.Bell	PRODUCED:	N.Bell	VERIFIED:	R.Doyle	APPROVED:	R.Donaghy	APPROVAL DATE:	19/11/2021
CLIENT REF.:		Revision:		NO. OF SHEETS:	1	SIZE:	A3	SCALE:	1:2,500
DRAWING NUMBER:	PE605-D027-059-001-001								

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For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

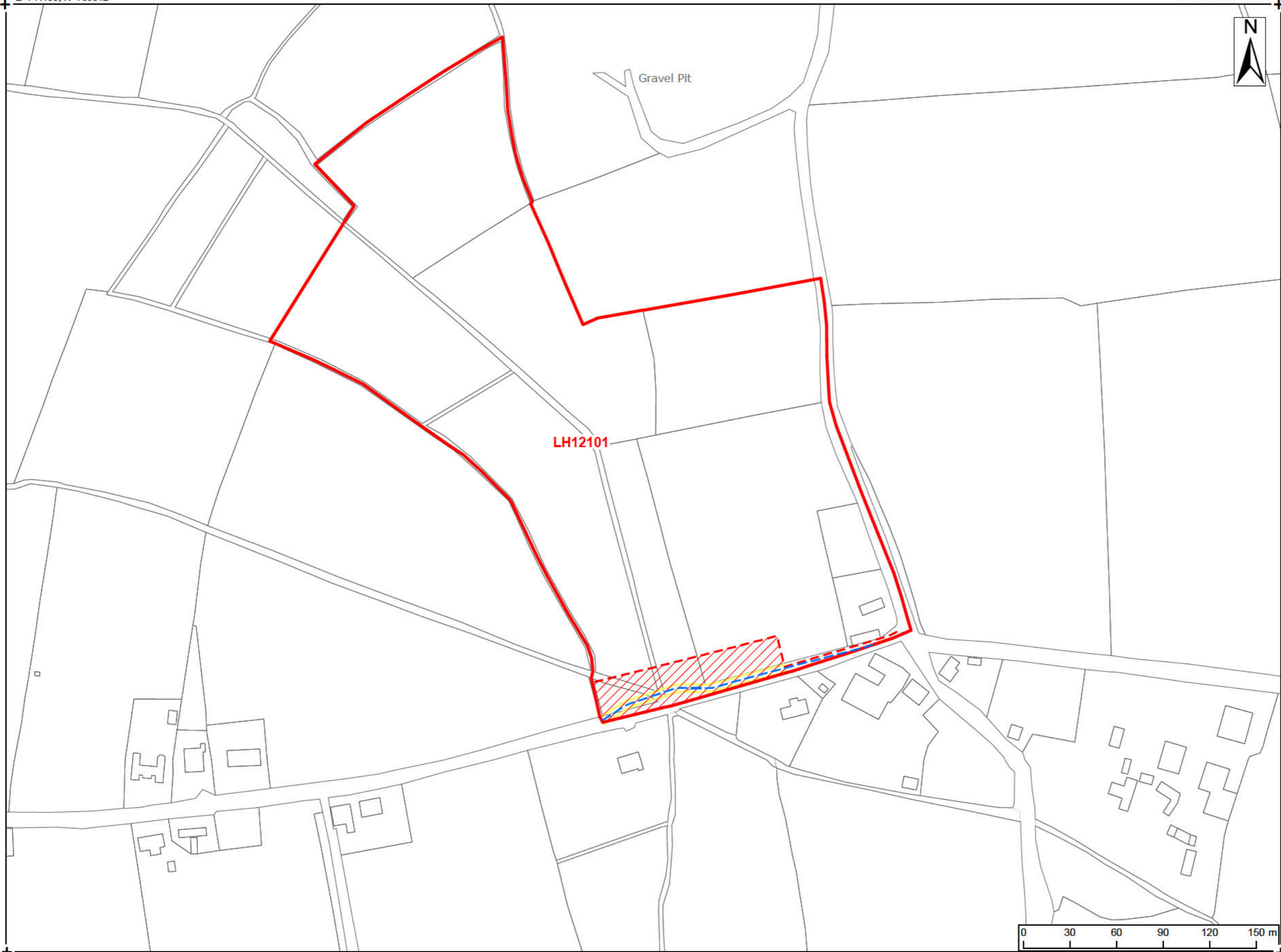
I, , confirm that I am the owner of the land registered to Folio Number LH12101 and outlined in red in the attached map (reference PE605-D027-040-001-000.pdf).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____



Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route
- 5m wide permanent cable easement

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH12101

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320 © ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
2		Updated UGC easement width to 5m	NB	NB	RD	RD
1		Updated issue date/title block	NB	NB	RD	RD
0	28/10/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: **ORIEL WINDFARM LIMITED**

PROJECT: **ORIEL WINDFARM 220 kV GRID CONNECTION**

CONTRACT:

PRODUCTION UNIT: **High Voltage Engineering**

DRAWING TITLE: **ORIEL OFFSHORE WINDFARM
LANDOWNER ID: OWF 016
LANDOWNER OPTION AGREEMENT MAP**

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DRAWN N.Bell	PRODUCED N.Bell	VERIFIED R.Doyle	APPROVED R.Donaghy	APPROVAL DATE 24/11/2020
CLIENT REF.		Revision 2	NO. OF SHEETS 1/1	SIZE A3
DRAWING NUMBER PE605-D027-040-001-002		SCALE 1:2,500		




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____ 2022

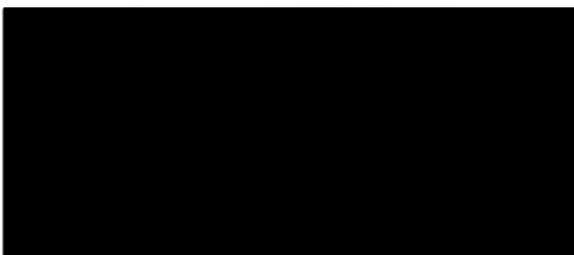
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , can confirm that I am the owner of the land registered to Folio Number LH20402F and outlined in red in the attached map (reference PE605-D027-060-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____

E-711736, N- 789306

E-712555, N-789306



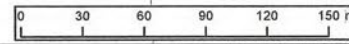
Legend

- Property Boundary
- Proposed Planning Boundary
- Passing Bay
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OS BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH20402F



E-711736, N- 788696

E-712555, N- 788696

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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1	Updated planning boundary/updated passing bay to 60m x 10m	NB	NB	RD	RD
0	Option agreement map	E.O'S	E.O'S	T.S	K.C
REV	DATE	DRN	PRGD	VER	APP
<input type="checkbox"/> CLIENT APPROVAL <input type="checkbox"/> PLANNING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT					



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 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT: ORIEL WINDFARM LIMITED	PRODUCTION UNIT: High Voltage Engineering
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION	DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 017 LANDOWNER OPTION AGREEMENT MAP
CONTRACT:	

DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: R.Doyle	APPROVED: R.Donaghy	APPROVAL DATE: 19/11/2021
CLIENT REF.:		Revision:	NO. OF SHEETS: 1	NO. OF SHEETS: 1/1
DRAWING NUMBER: PE605-D027-060-001-001		SIZE: A3	SCALE: 1:2,500	

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For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 26 July 2022

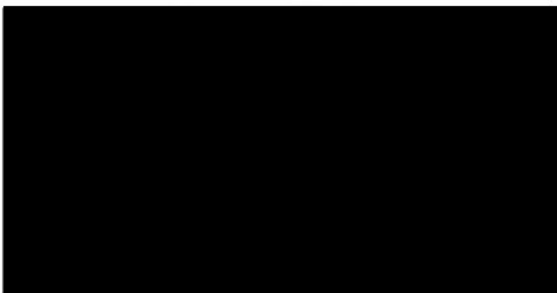
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , can confirm that I am the owner of the land registered to Folio Number LH31151F and outlined in red in the attached map (reference PE605-D027-054-001-000).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____



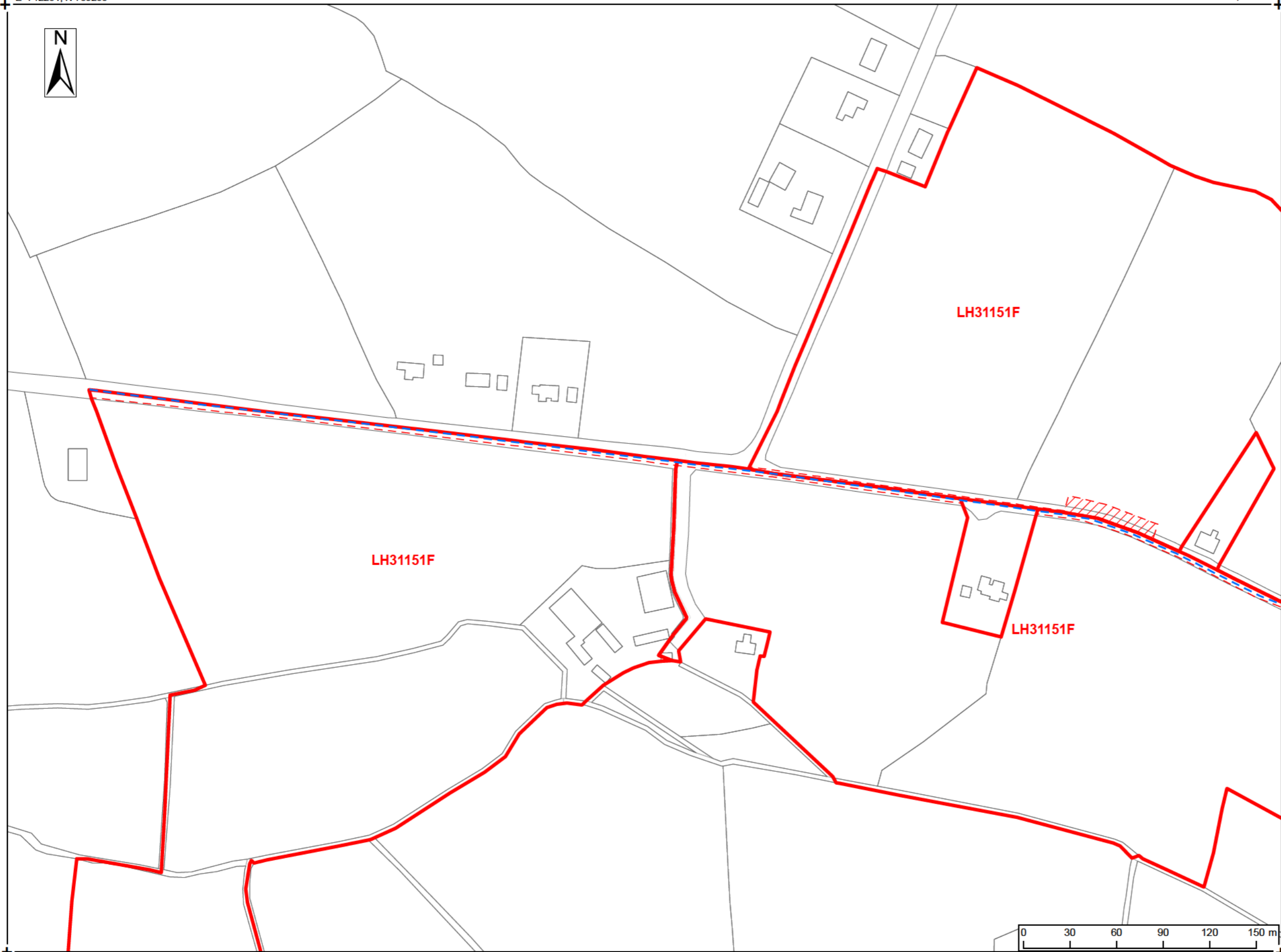
Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Passing Bay

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH31151F



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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
2		Removed passing bay west/updated passing bay east	NB	NB	RD	RD
1	12/01/21	Option agreement map updated	E.O'S	E.O'S	T.S	K.C
0	19/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 018 LANDOWNER OPTION AGREEMENT MAP

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DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: R.Doyle	APPROVED: R.Donaghy	APPROVAL DATE: 19/11/2021
CLIENT REF.:	Revision: 2	NO. OF SHEETS: 1/1	SIZE: A3	SCALE: 1:2,500
DRAWING NUMBER: PE605-D027-054-001-002				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____ 2022

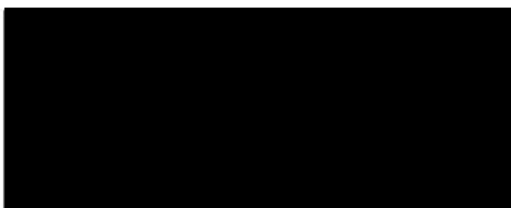
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , can confirm that I am the owner of the land registered to Folio Number LH11844F and outlined in red in the attached map (reference PE605-D027-049-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 7th April 2022

E- 712852, N-789066

E- 713672, N- 789066



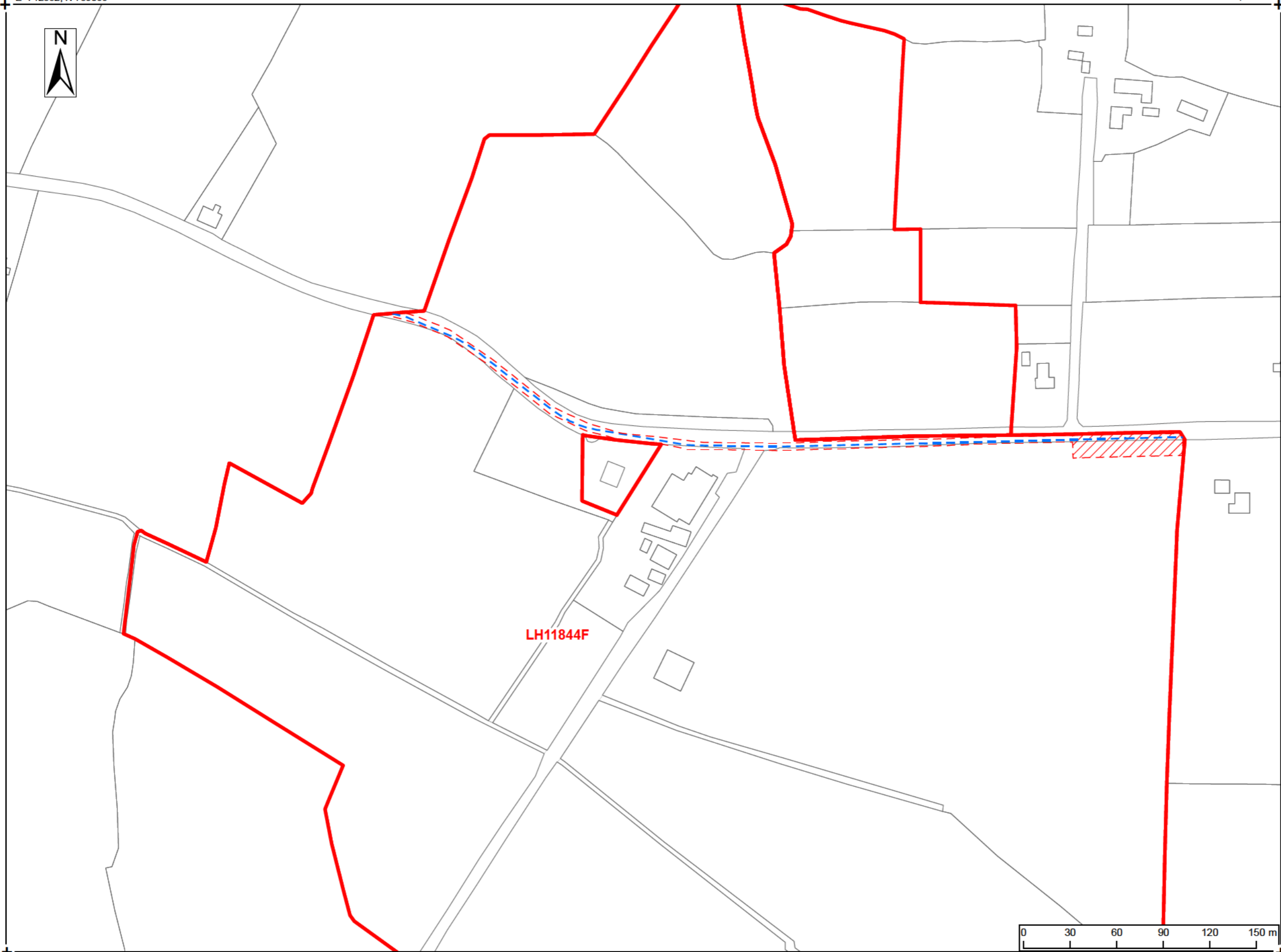
Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Passing Bay

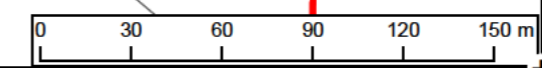
NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH11844F



LH11844F



E- 712852, N-788456

E- 713672, N- 788456

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
 © ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated passing bay to 60m x 10m	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 KV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 019 LANDOWNER OPTION AGREEMENT MAP

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DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: R.Doyle	APPROVED: R.Donaghy	APPROVAL DATE: 19/11/2021	
CLIENT REF.:		Revision: 1	NO. OF SHEETS: 1/1	SIZE: A3	SCALE: 1:2,500
DRAWING NUMBER: PE605-D027-049-001-001					




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

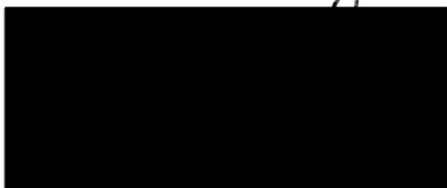
We, , can confirm that we are the owners of the land registered to Folio Number LH1983 and outlined in red in the attached map (reference PE605-D027-050-001-001).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely



Date: 11-4-22



Date: 11-4-22

E-713734, N-788932

E-714555, N-789302



Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Passing bay

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH1983

LH1983



E-713734, N-788692

E-714555, N-788692

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PRDD	VER	APP
1		Updated passing bay to 60m x 10m	NB	NB	RD	RD
0	11/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



**Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.**

Tel: 053 1 703 9000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 020 LANDOWNER OPTION AGREEMENT MAP

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DRAWN: N.Bell	PRODUCED: N.Bell	VERIFIED: R.Doyle	APPROVED: R.Donaghy	APPROVAL DATE: 19/11/2021	
CLIENT REF.:	Revision:	NO. OF SHEETS: 1	SIZE: A3	SCALE: 1:2,500	
DRAWING NUMBER: PE605-D027-050-001-001					




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____

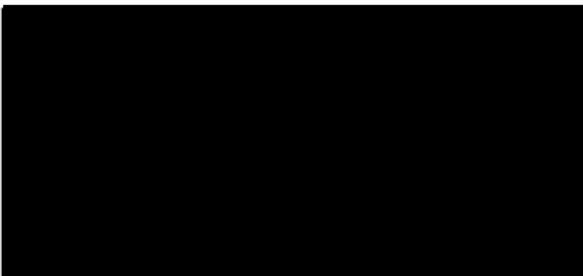
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I, , confirm that I am the owner of the land registered to Folio Number LH3917 and outlined in red in the attached map (reference PE605-D027-056-001-000).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____

E-713943, N-789983

E-714764, N-789983



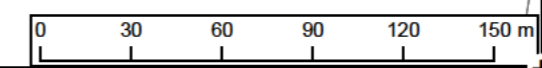
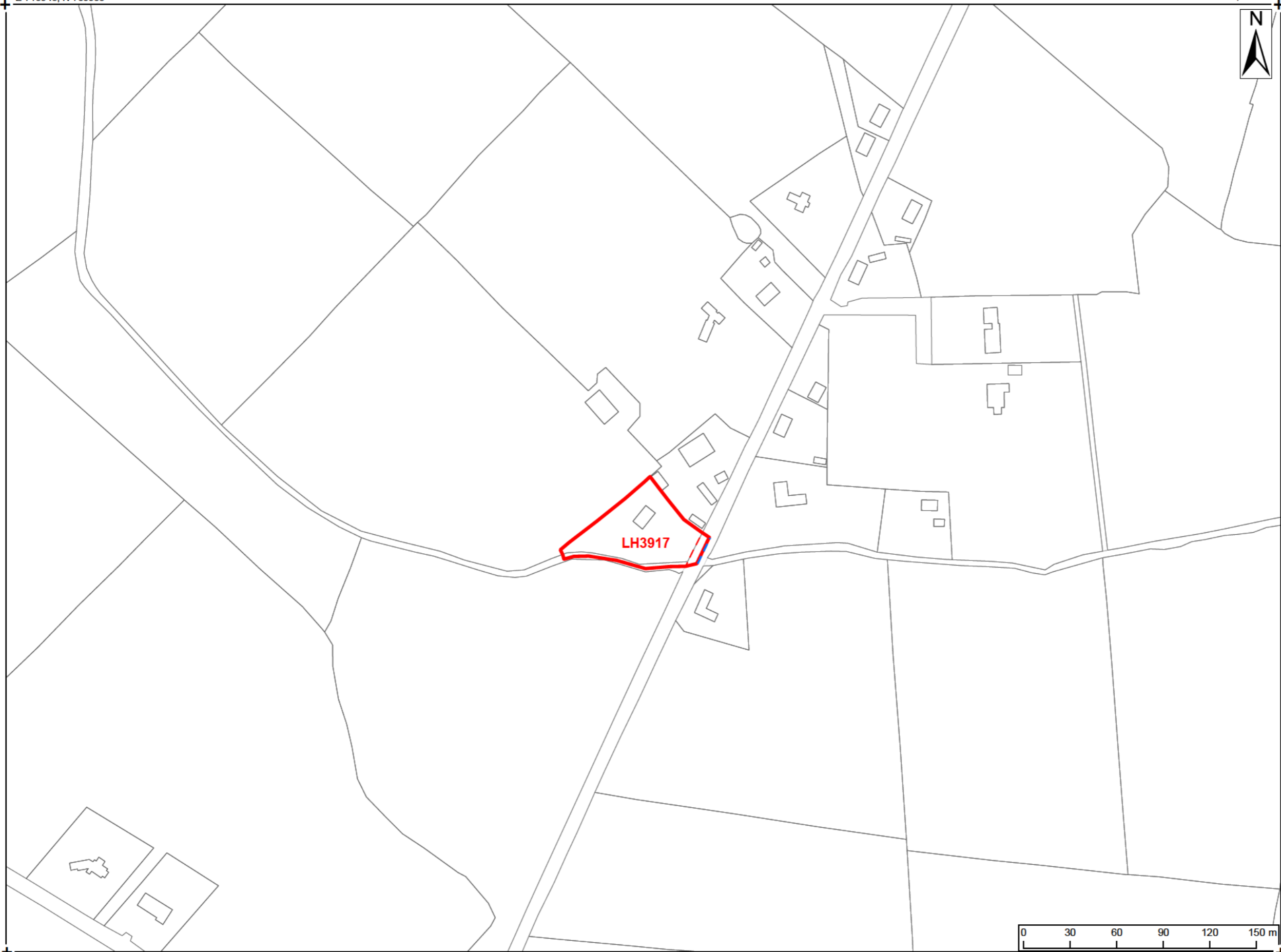
Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH3917



E-713943, N-789373

E-714764, N-789373

THIS IS A COMPUTER GENERATED MAP

ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
1		Updated issue date/title block	NB	NB	RD	RD
0	19/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT



Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT: ORIEL WINDFARM LIMITED
PROJECT: ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:

PRODUCTION UNIT: High Voltage Engineering
DRAWING TITLE: ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 020D LANDOWNER OPTION AGREEMENT MAP

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DRAWN N.Bell	PRODUCED N.Bell	VERIFIED R.Doyle	APPROVED R.Donaghy	APPROVAL DATE 19/11/2021
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
		1	1/1	A3 1:2,500
DRAWING NUMBER PE605-D027-056-001-001				




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

DATE: _____

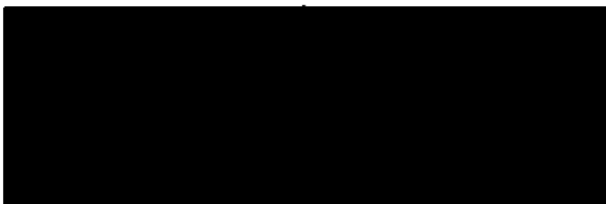
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

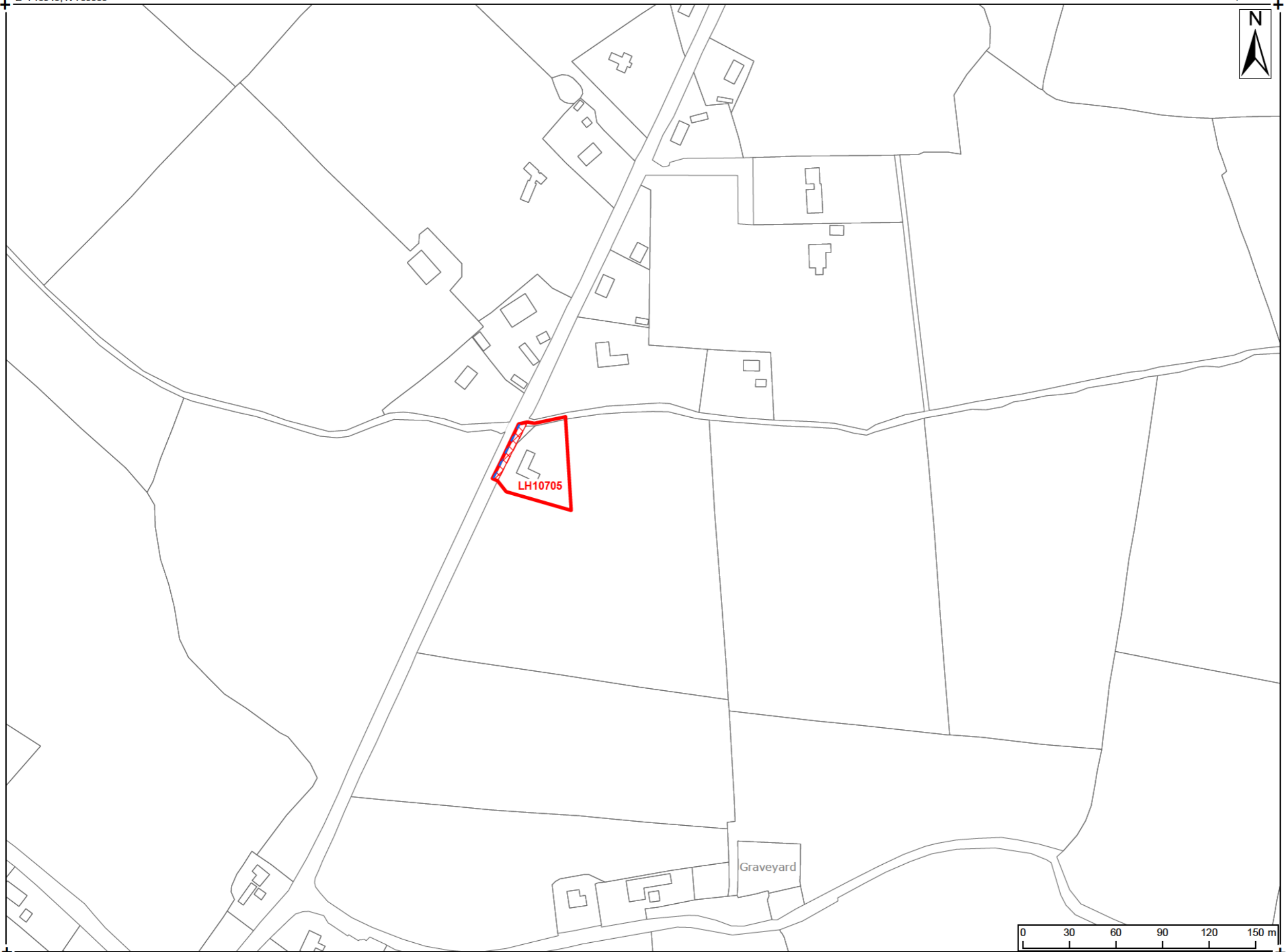
I, , can confirm that I am the owner of the land registered to Folio Number LH10705 and outlined in red in the attached map (reference PE605-D027-057-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 5 December 2012



Legend

- Property Boundary
- Proposed Planning Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Proposed Wayleave Area Folio LH10705

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio: LH10705

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
© ORDNANCE SURVEY IRELAND/GOVERNMENT OF IRELAND

REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
2	30/06/22	Updated wayleave area inside planning boundary to hatched	NB	NB	KC	MB
1	19/11/21	Updated issue date/title block	NB	NB	RD	RD
0	19/11/20	Option agreement map	E.O'S	E.O'S	T.S	K.C

CLIENT APPROVAL PLANNING TENDER CONSTRUCTION AS-BUILT

Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a
division of ESB.

CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	High Voltage Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 020E LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	K.Coffey	M.Byrne	30/06/2022
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
		2	1/1	A3
DRAWING NUMBER		PE605-D027-057-001-002		




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: _____ 2023

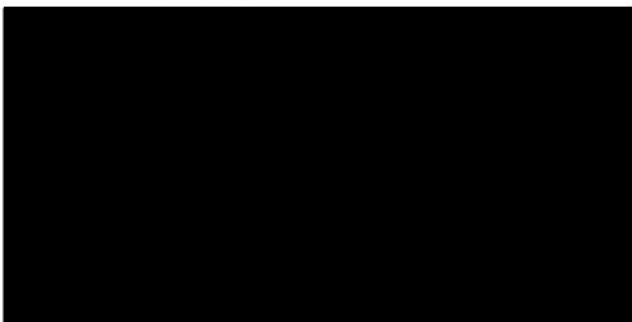
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

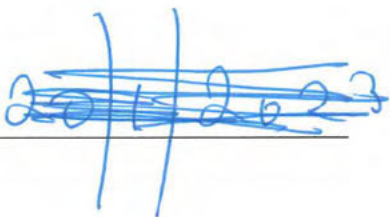
I, , can confirm that I am the owner of the land registered to Folio Number LH7539F and outlined in red in the attached map (reference PE605-d027-096-001-001).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: _____



E- 714150, N- 790357

E-714970, N-790357



Legend

- Property Boundary
- Proposed 220 kV Underground Cable (UGC) Route
- Proposed Planning Boundary
- Proposed Passing Bay
- Proposed 220 kV Joint Bay Location

NOTES:

1. OSI BACKGROUND MAPPING AT SCALE 1:2500
2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY WHICH WILL BE LOCATED WITHIN THE METAL SURFACE OF THE ROAD. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.

Folio LH7539F

LH7539F



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 © Ordnance Survey Ireland/Government of Ireland

E- 714150, E-789748

THIS IS A COMPUTER GENERATED MAP

E-714970, N-789748

001	05/10/22	UPDATED FOLIO EXTENTS LH7539F	NB	NB	KC	RD
REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP
CLIENT APPROVAL <input type="checkbox"/> PLANNING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT <input type="checkbox"/>						

Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.

Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT:	Oriel Windfarm Limited
PROJECT:	Oriel Offshore Windfarm
CONTRACT:	

PRODUCTION UNIT:	Civil, Environmental & Renewable Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM OPTION AGREEMENT MAP LANDOWNER ID OWF 021A

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	K.Coffey	R.Donaghy	05/10/2022
CLIENT REF.		Revision	NO. OF SHEETS	SIZE
		1	1 of 1	A3
DRAWING NUMBER		PE605-D027-096-001-001		



For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 17th April, 2023

Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

We, [REDACTED], can confirm that we are the owners of the land registered to Folio Number LH26832F and outlined in red in the attached map (reference PE605-D027-077-001-002).

To this extent, we hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in our ownership.

Yours sincerely,

[REDACTED]

Date: 17th April, 2023

[REDACTED]

Date: 17th April 2023

E-713943, N-789983

E-714764, N-789983



- Legend**
- - - Proposed Planning Boundary
 - - - Proposed 220 kV Cable Route
 - Proposed UGC Joint Bay Location
 - 5m Wide Permanent Cable Easement
 - Option Property
 - LH26832F Property Boundary

- Notes:**
1. OSI BACKGROUND MAPPING AT SCALE 1:2500
 2. PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
 3. THE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST PLANNING APPROVAL.
 4. ALL WORKS TO FACILITATE THE INSTALLATION OF THE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.

Folio: LH26832F



E-713943, N-789373

E-714764, N-789373

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ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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3	Updated Option Property To Dashed Red Line	NB	NB	KC	RD	
2	Updated UGC easement & title block	NB	NB	KC	RD	
1	Updated joint bay/legend	NB	NB	RD	RD	
0	Option agreement map	NB	NB	RD	RD	
REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER	APP

CLIENT APPROVAL
 PLANNING
 TENDER
 CONSTRUCTION
 AS-BUILT

Engineering and Major Projects,
 One Dublin Airport Central,
 Dublin Airport, Cloghran,
 Co. Dublin, K67 XF72, Ireland.
 Tel: 353 1 703 8000 Web: www.esb.ie
 Engineering and Major Projects is a
 division of ESB.

CLIENT ORIEL WINDFARM LIMITED	PRODUCTION UNIT High Voltage Engineering
PROJECT ORIEL WINDFARM 220 kV GRID CONNECTION	DRAWING TITLE ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 022B LANDOWNER OPTION AGREEMENT MAP
CONTRACT	

DRAWN N.Bell	PRODUCED N.Bell	VERIFIED K.Coffey	APPROVED R.Doyle	APPROVAL DATE 12/08/2022
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
	3	1/1	A3	1:2,500
DRAWING NUMBER PE605-D027-077-001-003				

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For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

3/22/2024

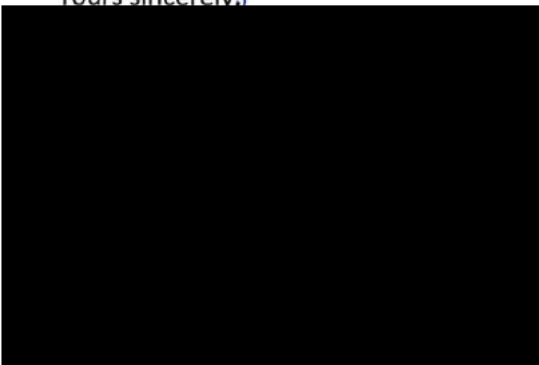
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

We,  can confirm that we are the owners of Land at Dunany, County Louth and outlined in red in the attached map (reference PE605-D027-030-002-006).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 22/03/2024

Client Approval <input checked="" type="checkbox"/> Planning <input type="checkbox"/> Tender <input type="checkbox"/> Construction <input type="checkbox"/> As-built <input type="checkbox"/>		
Purpose of Issue - Preliminary unless indicated		
Rev.	Date	Revision Description
000	13-05-20	FIRST ISSUE
001	14-05-20	DRAWING TITLE UPDATED
002	28-05-20	TITLE BLOCK UPDATED
003	18-11-21	CABLE EASEMENT UPDATED AND NOTES
004	02-08-23	CABLE EASEMENT UPDATED AND NOTES
005	12-09-23	ADDED PROPOSED PLANNING BOUNDARY
006		RE-ADDED HV ROUTE, MATCHED PLANNING BOUNDARY

Energy for generations
 Engineering and Major Projects is a division of ESB.
 Tel: 053 1 703 8000 Web: www.esb.ie
 One Dublin Airport Central,
 Co. Dublin, K67 XF72, Ireland.

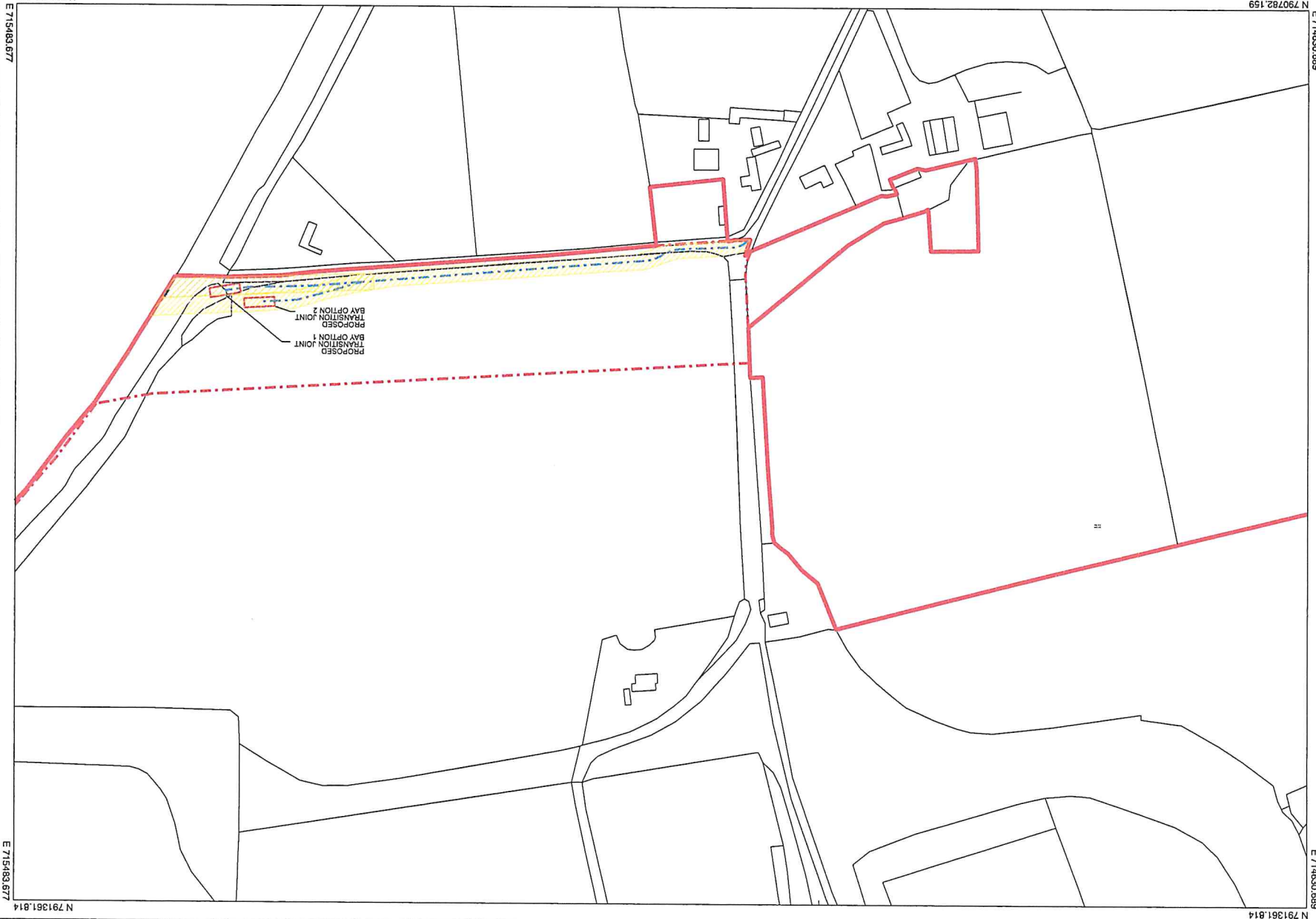


Client	ORIEL WINDFARM LIMITED
Project	ORIEL WINDFARM PROJECT
Contract	

Drawing Title	ORIEL WINDFARM PROJECT LANDOWNER ID OWF 023
Drawing Number	TC223014
Client Ref	
Production Unit	Civil, Environmental and Renewable Engineering

DRAWN	N. Bell	APPROVED	M. Horgan	APPROVAL DATE	21/09/2023
PRODUCED	Bell, Neil	VERIFIED	R. Doyle		
NO. OF SHEETS	1/1	SIZE	A3	SCALE	1:2500
SHEET	REV				
PE605-D027-030-002-006					

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LEGEND

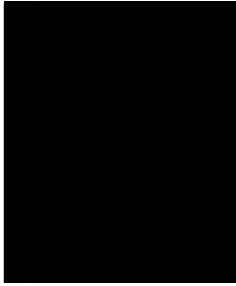
- PROPERTY BOUNDARY
- PROPOSED PLANNING BOUNDARY
- PROPOSED 220 kV UNDERGROUND CABLE (UGC) ROUTE
- PROPOSED 220 kV EASEMENT
- PROPOSED 220 kV TRANSITION JOINT BAY

NOTES:

OS BACKGROUND MAPPING ORIGINAL SCALE 1:2500, MAPPING ACCURATE TO THIS SCALE. ENTIRE LANDHOLDING NOT SHOWN. NO FOLIO INFORMATION AVAILABLE. THE ALIGNMENT OF THE CABLE EASEMENT SHALL BE CENTRED ON THE CABLE ROUTE AS PER THE INSTALLATION RECORD.

Tailte Éireann/
 Government of Ireland
 Tailte Éireann Licence No. EN 0023719-24

N 791361.814 E 715483.677 (Left and Right Margins)
 N 790782.159 E 714630.689 (Top and Bottom Margins)




For the attention of:

An Bord Pleanála
Marlborough Street
Dublin 1

Date: 18/4/2024

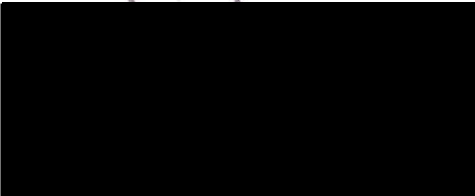
Subject: Proposed Oriel Offshore Windfarm and supporting onshore infrastructure, County Louth

A Chara

I,  confirm that I am the owner of the land registered to Folio Number LH5972 and outlined in red in the attached map (reference PE605-D027-100-001-000).

To this extent, I hereby consent to Oriel Windfarm Limited to make an application for Development Consent to An Bord Pleanála under current or future legislation, for onshore infrastructure associated with the proposed Oriel Offshore Windfarm project, part of which relates to the lands in my ownership.

Yours sincerely,



Date: 10-4-2024

700724 E.791194 N

701544 E.791194 N



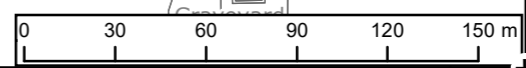
Legend

- Proposed Underground Fibre Cable Route
- 5m Wide Permanent Cable Easement
- Property Boundary
- Proposed Planning Boundary
- Existing Drybridge-Louth 110 kV Overhead Line (OHL)

NOTES:

- OSI BACKGROUND MAPPING AT SCALE 1:2500
- PROPERTY BOUNDARY SHOWN IS THE BOUNDARY REGISTERED IN THE PROPERTY REGISTRATION AUTHORITY OF IRELAND
- THE FIBRE CABLE SHALL BE INSTALLED WITHIN THE PLANNING BOUNDARY ON THE RESPECTIVE LANDHOLDING. THE CABLE ROUTE INDICATED IS FOR INFORMATION PURPOSES ONLY TO ILLUSTRATE THE TYPICAL ROUTE. THE FINAL ALIGNMENT WILL BE SUBJECT TO DETAIL DESIGN POST-PLANNING APPROVAL
- ALL WORKS TO FACILITATE THE INSTALLATION OF THE FIBRE CABLE SHALL BE CARRIED OUT WITHIN THE AREA INDICATED BY THE PROPOSED PLANNING BOUNDARY.

Folio: LH5972



ORDNANCE SURVEY IRELAND LICENCE NO. EN 0092320
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REV	DATE	REVISION DESCRIPTION	DRN	PROD	VER APP
CLIENT APPROVAL <input checked="" type="checkbox"/> PLANNING <input type="checkbox"/> TENDER <input type="checkbox"/> CONSTRUCTION <input type="checkbox"/> AS-BUILT <input type="checkbox"/>					



Engineering and Major Projects,
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CLIENT:	ORIEL WINDFARM LIMITED
PROJECT:	ORIEL WINDFARM 220 kV GRID CONNECTION
CONTRACT:	

PRODUCTION UNIT:	Civil, Environmental & Renewable Engineering
DRAWING TITLE:	ORIEL OFFSHORE WINDFARM LANDOWNER ID: OWF 025 LANDOWNER OPTION AGREEMENT MAP

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DRAWN	PRODUCED	VERIFIED	APPROVED	APPROVAL DATE
N.Bell	N.Bell	K.Coffey	R.Doyle	03/03/2023
CLIENT REF.	Revision	NO. OF SHEETS	SIZE	SCALE
	0	1/1	A3	1:2,500
DRAWING NUMBER PE605-D027-100-001-000				

Schedule 6: Copy of Marine Area Consent



MARITIME AREA CONSENT

WIND ENERGY PROJECT

No. 2022-MAC-001

Holder: Oriel Windfarm Limited

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PARTICULARS SCHEDULE

MAC No.	2022-MAC-001
Grantor:	Minister for the Environment, Climate & Communications
Grantor address:	29-31 Adelaide Road, Saint Kevin's, Dublin, D02 X285
Grantor email:	OREConsenting@decc.gov.ie
Holder:	Oriel Windfarm Limited, Company Registration Number: 318186
Holder registered address:	Digital Office Centre, Balheary Demesne, Balheary Road, Swords, Co. Dublin, Ireland
Holder email:	
Commencement Date:	23 December 2022
Term:	In respect of the Array Area and Infrastructure Corridor: 45 years. In respect of the Subsidiary Area: as provided for in condition 3.2.2.
Levy Payment Date:	One month after the Commencement Date and on every succeeding anniversary thereafter for the Term.
Consent Area:	That part of the maritime area comprised of the Array Area and the Subsidiary Area, as described in Appendix 1. The Array Area: that part of the maritime area described in Appendix 1(a). The Subsidiary Area: that part of the maritime area described in Appendix 1(b). The Infrastructure Corridor: that part of the Subsidiary Area defined in condition 1.1(o).
Permitted Maritime Usage:	The construction and operation of an Offshore Wind Farm and associated infrastructure (including decommissioning and other works required on foot of any Development Permission for such Offshore Wind Farm).
Date by which application for Development Permission must be submitted (subject to Phasing Schedule where applicable):	18 months from the Commencement Date

Date by which the Holder must have obtained a Route to Market:	On or before 31 December 2025.
Appendix containing spatial representation of the Consent Area:	Appendix 1
Appendix containing Rehabilitation Schedule:	Appendix 2 [To be attached to this Consent following the grant of Development Permission]
Appendix containing Phasing Schedule:	Not applicable

1. DEFINITIONS

- 1.1 In this Consent, the terms are as defined in Part 1 section 2(1), Part 4 and Part 6 of the Act as applicable unless otherwise stated here.
- (a) **“Act”** means the Maritime Area Planning Act 2021 as may be amended.
 - (b) **“The Array Area”** means the geographical area within the Consent Area, identified as the Array Area in Appendix 1 (a).
 - (c) **“Business Day”** means a day that is not a Saturday, Sunday or a bank or public holiday in a place where an act is to be performed or a payment is to be made.
 - (d) **“Change of Control”** means the sale or transfer of twenty percent or more of the shares or voting rights in respect of the Holder or a Supporting Entity of the Holder excluding a listed company with a market capitalisation of more than €100 million Euro.
 - (e) **“Commencement Date”** means the date identified as the Commencement Date on the Particulars Schedule.
 - (f) **“Commercial Operation Date (“COD”)** means the date that the project achieves commercial operation, as defined in the ORESS Terms and Conditions or, in the case of non-RESS projects, an equivalent project delivery milestone.
 - (g) **“This Consent”** means this maritime area consent and any part, schedule or appendix to it, as may be amended in accordance with the Act and the terms hereof.
 - (h) **“The Consent Area”** means the geographical area identified as the Consent Area in Appendix 1.
 - (i) **“Development Permission”** has the meaning ascribed to it in the Act, and, where the context requires, means any development permission granted for the Permitted Maritime Usage.

- (j) “**Encumber**” means the placing of a charge, mortgage, lien or other burden on all or part of the Consent Area to include lodging this Consent with anyone as collateral for loans and Encumbrance shall be construed accordingly.
- (k) “**Euro**” means the single currency of participating member states of the European Union or such replacement equivalent currency thereof.
- (l) “**Force Majeure**” means an event or circumstance or a combination of events and/or circumstances not within the reasonable control of a party which has the effect of delaying or preventing that party from complying with its obligations under this Consent, the Act, or the Planning and Development Act 2000, as amended, including:
 - (i) acts of terrorists or protesters;
 - (ii) war declared or undeclared, blockade, revolution, riot, insurrection, civil commotion, invasion or armed conflict;
 - (iii) sabotage, acts of vandalism, criminal damage or the threat of such acts;
 - (iv) plague, epidemic, pandemic (excluding COVID-19 or any related strains);
 - (v) extreme weather or environmental conditions including lightning, fire, landslide, accumulation of snow or ice, meteorites or volcanic eruption or other natural disasters, measured by reference to local meteorological records published by Met Éireann over the previous ten years;
 - (vi) the occurrence of radioactive or chemical contamination or ionizing radiation, explosion including nuclear explosion, pressure waves caused by aircraft or other aerial devices travelling at supersonic speeds and impact by aircraft or other vehicles;
 - (vii) any strike or other industrial action which is part of a labour dispute of a national or industry wide character occurring in Ireland;
 - (viii) the act or omission of any contractor or supplier of a party, provided that the act or omission was due to an event which would have been an event of Force Majeure had the contractor or supplier been a party to this Consent;

- (ix) the unavailability of essential infrastructure or services required to comply with obligations pursuant to this Consent, other than due to an act or omission of the Holder;

provided that Force Majeure shall not include:

- (A) lack of funds and/or the inability of a party to pay;
 - (B) mechanical or electrical breakdown or failure of machinery, plant or other facilities owned or utilized by any party other than as a result of the circumstances identified in sub-clauses (i) to (ix), above; or
 - (C) any strike or industrial action not falling within sub-clause (vii) above.
- (m) “**Grid Connection Assessment**” means a grid connection assessment issued by the Transmission System Operator in respect of the Offshore Wind Farm.
 - (n) “**The Grantor**” means the Minister for the Environment, Climate and Communications and, following the establishment day as defined by the Act, the Maritime Area Regulatory Authority, save where the context otherwise requires.
 - (o) “**The Infrastructure Corridor**” means that part of the Subsidiary Area in which the infrastructure reasonably necessary to facilitate the occupation of the Array Area in accordance with this Consent is laid or installed before the Commercial Operation Date.
 - (p) “**The Insured Risks**” means any or all of the following risks: fire, storm, flood, earthquake, lightning, explosion, riot, civil commotion, labour disturbance and malicious damage or impact of any vehicle, airborne aircraft, vessel or floating object, or anything or part fallen from same and such other risks as the Grantor may in his absolute discretion from time to time reasonably determine.
 - (q) “**Law**” means any Act of the Oireachtas, regulation, statutory instrument, European Community obligation, direction of a regulatory or other competent authority, condition of any consent, authorization, licence or other permission granted by any regulatory or other competent authority and any decision of a court of competent jurisdiction, but does not include this Consent.
 - (r) “**Levy**” means the annual sum specified by the Grantor pursuant to condition 9 and payable by the Holder in accordance with the provisions thereof.

- (s) **"Minimum Installed Capacity"** means at least 80% of the maximum export capacity as stated in the Grid Connection Assessment or any other applicable grid connection process for the Offshore Wind Farm with the Transmission System Operator in place from time to time.
- (t) **"Offshore Wind Farm"** means the proposed offshore wind farm to be developed at the Consent Area pursuant to the Development Permission.
- (u) **"Particulars Schedule"** means the Schedule of information on the third and fourth page of this Consent.
- (v) **"The Permitted Maritime Usage"** means the maritime usage identified as the Permitted Maritime Usage in the Particulars Schedule together with all ancillary activities reasonably necessary thereto.
- (w) **"Phasing Schedule"** means the schedule describing the phases of the Permitted Maritime Usage and appended to this Consent in the Appendix identified as such in the Particulars Schedule.
- (x) **"The Public Engagement Plan"** means the plan that may be requested by the Grantor pursuant to condition 11.
- (y) **"Route to Market"** means a binding offer from:
 - (i) an offshore renewable energy support scheme which is provided by or on behalf of the Irish Government for the Minimum Installed Capacity; or
 - (ii) a company (or group of companies), independent of the Holder, to support the development and operation of the Offshore Wind Farm by paying a price associated with the electrical output of the Offshore Wind Farm, either as part of a physical structure (involving the delivery of such electrical output to such company or companies) or as part of a virtual structure (not involving the delivery of such electrical output to such company or companies), in each case for a term of not less than 10 years and for the Minimum Installed Capacity; or
 - (iii) a combination of (i) and (ii) above, in each case subject to the combined binding offers being in aggregate for the Minimum Installed Capacity; or
 - (iv) any such other route to market as may be satisfactory to the Grantor,

in each case which binding offer has been irrevocably accepted by the Holder and formalised in a binding contractual agreement.

- (z) **“The Subsidiary Area”** means the geographical area within the Consent Area, identified as the Subsidiary Area in Appendix 1 (b).
- (aa) **“Supporting Entity”** means the entity that has provided and continues to have in place a guarantee in favour of the Grantor guaranteeing the Holder’s financial commitments or obligations under this Consent as specified in the guarantee.
- (bb) **“Term”** means the period of time identified as the Term in the Particulars Schedule commencing on the Commencement Date, subject to the provisions in this Consent and the Act for termination prior to the expiry of the Term, in which case the Term shall mean the Term up to the date of such determination and expressions such as the last year of the Term shall be construed accordingly.
- (cc) **“Transmission System Operator”** means the entity for the time being licenced to discharge the functions of the transmission system operator pursuant to section 14(1)(e) of the Electricity Regulation Act 1999 (as amended), being EirGrid plc as at the date of this Consent.

2. INTERPRETATION

2.1 Where two or more persons are included in the expression “the Grantor” or “the Holder”, such expressions include all or either or any of such persons and the covenants which are expressed to be made by the Grantor, or the Holder shall be deemed to be made by or with such persons jointly and severally.

2.2 Unless the context otherwise requires:

- (a) words importing a person include any unincorporated association or corporate body and vice versa;
- (b) any reference to the masculine gender includes reference to the feminine gender and any reference to the neuter gender includes the masculine and feminine genders;
- (c) any reference to the singular includes reference to the plural.

- 2.3 Any covenant in this Consent by the Holder not to do any act or thing includes an obligation not to permit or suffer such act or thing to be done and to use best endeavours to prevent such act or thing being done by another person.
- 2.4 To the extent that there is a conflict between this Consent and the applicable provisions of the Act, the interpretation of the Act shall prevail.
- 2.5 Any reference to a statute (whether specifically named or not) or to any sections or sub-sections therein includes any amendments or re-enactments thereof for the time being in force and all statutory instruments, orders, notices, regulations, directions, bye-laws, certificates, permissions and plans for the time being made, issued or given there-under or deriving validity there-from.
- 2.6 Headings are inserted for convenience only and do not affect the construction or interpretation of this Consent.
- 2.7 Any reference to a condition, clause, sub-clause or schedule means a condition, clause, sub-clause or schedule of this Consent unless expressly stated otherwise.
- 2.8 References to “month” or “months” mean a calendar month or months.

3. GRANT OF CONSENT

- 3.1 This Consent is granted by the Grantor to the Holder pursuant to section 81(1)(a) of the Act.
- 3.2 The rights and entitlements conferred by this Consent shall (subject to condition 4) endure for the Term.
- 3.2.1 The Term of this Consent in respect of the Array Area and the Infrastructure Corridor shall be the period beginning on the date hereof and ending on the date 45 years from the date hereof.
- 3.2.2 The Term of this Consent in respect of that part of the Subsidiary Area other than the Infrastructure Corridor shall be the period beginning on the date hereof and ending on the date 60 days after the Commercial Operation Date.
- 3.2.3 Not later than 21 days after the Commercial Operation Date, the Holder shall provide the Grantor with a map in a format and scale to be determined by the Grantor providing a true description of the

Infrastructure Corridor, which map shall be deemed to be a part of this Consent.

- 3.3 This Consent is subject to the terms and conditions contained herein and in the Act.
- 3.4 This Consent permits the Holder, subject to condition 4 and the conditions otherwise herein contained:
- (a) To occupy the Consent Area on a non-exclusive basis for the purpose of carrying out the Permitted Maritime Usage strictly in accordance with the conditions attached to this Consent and the requirements of the Act.
 - (b) Upon prior written notice to the Grantor, to occupy and use so much of the maritime area adjacent to the Consent Area on a temporary basis where such use and occupation is reasonably required by the Holder to carry out the Permitted Maritime Usage in the manner provided in condition 3.4(a) or fulfil a provision of an authorisation by or under another enactment (whether such authorisation takes the form of a licence, consent, approval or any other type of authorisation), subject to obtaining and complying with all and any necessary Development Permissions and other authorisations necessary for such occupation and/or use.
 - (c) The right of the Holder to occupy the Consent Area shall endure only for the Term and is subject to clause 3.2 above.
- 3.5 This Consent does not confer on the Holder any estate or proprietary interest in the Consent Area or any other part of the maritime area and for the avoidance of doubt the Grantor and/or the State may at any stage during the Term grant maritime area consents, licences and other authorisations of any kind in respect of the Consent Area for any other maritime usages.
- 3.6 For the avoidance of doubt, this Consent is not a development consent, development permission or planning permission and does not operate to relieve the Holder of any legal obligation to obtain development consent, development permission or planning permission to carry out any development on the Consent Area or any other part of the maritime area.

4. COMMENCEMENT OF THE RIGHT OF OCCUPATION

- 4.1 Notwithstanding the Term Commencement Date, the Holder shall not obtain any right to occupy the Consent Area pursuant to condition 3.4 and shall not commence any works, activities or operations associated with the Permitted Maritime Usage in the Consent Area unless and until:
- (a) the Holder has obtained Development Permission for the Permitted Maritime Usage (being Development Permission that is consistent with this Consent as in force from time to time);
- and
- (b) the Holder has obtained all other authorisations (whether the authorisation takes the form of the grant of a licence, consent, approval or any other type of authorisation) required under any other enactment in order to enable the Holder to commence the Permitted Maritime Usage.
- 4.2 In the event Development Permission is being sought in phases relating to parts only of the Consent Area, a right to occupy shall not arise in respect of any part of the Consent Area concerned until the Holder has complied with conditions 4.1 in respect of that part.
- 4.3 The provisions of this condition 4 shall not operate to waive or postpone the performance of any other obligations of the Holder under this Consent.

5. REQUIREMENT FOR DEVELOPMENT PERMISSION

- 5.1 The Holder shall submit an application for Development Permission relating to the Permitted Maritime Usage the subject of this Consent on or before the date set out in the Particulars Schedule. This date may be extended on request in writing by the Holder and provided the Grantor is satisfied that there are reasonable grounds for doing so and the extension does not constitute a material amendment to this Consent. The application for Development Permission shall have attached to it a Rehabilitation Schedule, within the meaning of section 95 of the Act.
- 5.2 In the event that Development Permission for the Permitted Maritime Usage is refused, or the required application is not made in accordance with the requirements of condition 5.1, the provisions of condition 24 and section 144(1)(c)(ii) of the Act shall apply.
- 5.3 In the event that Development Permission for the Permitted Maritime Usage is

granted, the following provisions shall apply:

- (a) The Holder shall furnish the Grantor with a copy of the said Development Permission as soon as practicable after it has been granted.
- (b) The Holder shall give the Grantor a copy of any material alteration to the Development Permission as soon as practicable after the alteration has been made.
- (c) If there is an irreconciliation between a provision of this Consent and a provision of the Development Permission for the Permitted Maritime Usage, the provisions of this Consent shall be deemed to be amended to the extent necessary to remove that irreconciliation in favour of the Development Permission in accordance with section 87 of the Act.

6. COMPLIANCE WITH DEVELOPMENT PERMISSION

- 6.1 The Holder shall comply with any Development Permission granted in respect of the Permitted Maritime Usage.

7. ROUTE TO MARKET

- 7.1 The Holder shall obtain a Route to Market on or before the date set out in the Particulars Schedule. This date may be extended on request in writing by the Holder and provided the Grantor is satisfied that there are reasonable grounds for doing so and the extension does not constitute a material amendment to this Consent.
- 7.2 In the event that a Route to Market is not obtained in accordance with the requirements of condition 7.1, the provisions of section 144(A)(1)(c) of the Act shall apply.

8. COMPLIANCE WITH THIS CONSENT AND APPLICABLE LAWS

- 8.1 The Holder shall not use the Consent Area for any purpose other than the Permitted Maritime Usage.
- 8.2 The Holder shall not carry out any works, activities or operations in the Consent Area other than those authorised by this Consent.
- 8.3 The Holder shall at all times comply with and ensure that all works, activities or

operations associated with the Permitted Maritime Usage are in accordance with all applicable Laws and the terms and conditions of this Consent.

8.4 The Holder shall ensure that contractors, and their subcontractors, are made aware of all conditions in this Consent and of the Development Permission.

9. **LEVY**

9.1 The Holder shall pay to the Grantor the Levy specified by the Grantor within one month from the Levy Payment Date and on every succeeding anniversary for the Term of this Consent.

9.2 The Levy is in accordance with the levy framework established by the Grantor pursuant to section 92 of the Act and is subject to review and amendment in accordance with same.

9.3 All payments by the Holder in connection with this Consent shall be made in accordance with the written instructions of the Grantor and shall be paid in full, without deduction or set off in respect of any amounts in dispute or any other amounts whatsoever.

9.4 If any amount which is payable under this Consent has not been paid on or before the date that payment is due, the Grantor is to be paid interest on the outstanding amount at the rate prescribed in accordance with section 169(2) of the Act or, if no such rate stands subscribed, at the rate of 2 per cent, such interest to be calculated from the date that payment was due until the date of actual repayment.

9.5 Without prejudice to all and any other remedies under this Consent, the Act and at Law, the Grantor may institute proceedings for recovery of any sum due and owing by the Holder to the Grantor in accordance with this Consent or the Act as a simple contract debt in any court of competent jurisdiction.

9.6 In exceptional circumstances, the Grantor may in its absolute discretion grant a moratorium on the payment of the Levy, subject to such conditions as may be imposed. Such moratorium may operate as a deferral or a waiver of the Levy but unless expressly stated to be a waiver, any such moratorium shall be a deferral only.

10. **OUTGOINGS**

10.1 In addition to its obligation to pay the Levy to the Grantor, the Holder shall pay and discharge to the proper recipient thereof:

- (a) All rates, taxes, duties, charges, assessments, impositions and outgoings whatsoever charged, levied, assessed, imposed upon or payable by the Holder in respect of the Consent Area associated with the Permitted Maritime Usage.
- (b) All costs associated with the Permitted Maritime Usage and the continued operation and use thereof including the cost of any work which the Grantor may have to do to facilitate any act or thing hereby authorised.

11. PUBLIC ENGAGEMENT PLAN

11.1 If requested by the Grantor, the Holder shall prepare a Public Engagement Plan concerning all matters relating to the Permitted Maritime Usage for the Grantor's approval and, if approved, the Holder shall publish, maintain, update and adhere to the Public Engagement Plan.

12. FIT AND PROPER PERSON

12.1 The Holder shall for the duration of the Term continue to be a fit and proper person within the meaning of Schedule 2 of the Act.

13. COLLATERAL AND FINANCING

13.1 The Holder shall not create, extend or permit to subsist any encumbrance or security or interest of any kind over this Consent or otherwise use it as security for any borrowings or other liability whatsoever, without the prior written consent of the Grantor to be granted or refused at the Grantor's sole discretion and subject to such terms and conditions as the Grantor may specify.

13.2 The Grantor at its sole discretion may at the request of the Holder, without any obligation to do so, consider amendments to this Consent, to facilitate the financing of the Offshore Wind Farm project.

14. SAMPLES AND INFORMATION

14.1 The Holder shall keep records and/or samples, relating to the Consent Area for any scientific purpose in accordance with Section 104 of the Act, on request from the Grantor.

15. CHANGE IN CIRCUMSTANCES

15.1 The Holder shall provide the Grantor with notice in writing of any material change of circumstances within the meaning of section 136 of the Act.

16. INDEMNITY

16.1 The Holder shall keep the Grantor, the State, and their officers, servants, visitors, agents and employees fully indemnified from and against all or any actions, proceedings, claims, demands, losses, costs, fees, expenses, damages, penalties and other liabilities:

- (a) arising directly or indirectly from the undertaking of the Permitted Maritime Usage the subject of this Consent; and
- (b) arising directly or indirectly from a failure by the Holder to comply with:
 - (i) any of the provisions of this Consent;
 - (ii) any provision of the Act relevant to this Consent; or
 - (iii) a provision of one or more than one condition attached, or deemed to be attached, to this Consent.

16.2 Without prejudice to the generality of the foregoing, the Holder shall make good all loss sustained by the Grantor in consequence of any breach by the Holder of any covenants or conditions herein.

17. INSURANCE

17.1 Without prejudice to the Holder's liability to indemnify the Grantor which shall be unlimited (and others as specified in condition 16), the Holder shall, prior to the commencement of occupation of the Consent Area:-

- (a) insure and keep insured, in an insurance office licensed to operate in the State or which has received authorisation to operate in the State in accordance with Article 14 of Directive 2009/138EC in the joint names of the Grantor and the Holder in the full reinstatement cost thereof or in the sum not less than the estimated maximum loss amount as determined by a suitably qualified and experienced independent consultant (to be approved from time to time by the Grantor or his surveyor and including an inflationary factor) the Consent Area and all structures and chattels

thereon and the fixtures and fittings therein (if any) against loss or damage by the Insured Risks, including demolition and site clearance expenses, architects' and other fees and taxes in relation to the reinstatement of the Consent Area, and where available on the market such policy to include a non-invalidation clause acceptable to the Grantor (such joint policy or policies, if required, to contain a non-vitiation clause whereby subject to the terms, conditions, limitations of the policy or policies, any non-disclosure, mistake or misrepresentation of a material fact by the Holder gives sufficient reason for the insurer to prove the insurance policy to be void, the Grantor will not be denied the protection of the policy);

- (b) effect and keep in force a public liability insurance policy of indemnity in the joint names of the Grantor and Holder in an insurance office licensed to operate in the State with a limit of €15,000,000.00 (fifteen million Euro) (or such increased amount as the Grantor may from time to time reasonably determine) in respect of any one claim or a series of claims arising out of a single occurrence (except for pollution and products liability cover which may be on an annual aggregate basis if unavailable on a single occurrence basis) for any damage, loss or injury which the Grantor or Holder may be legally liable for which may occur to any property (not being the property of the Grantor or the Holder) or to any person by or arising out of the Permitted Maritime Usage and exercise of the rights under this Consent.;
- (c) effect and keep in force an employer's liability insurance policy of indemnity in the name of the Holder in an insurance office licensed to operate in the State with a limit of €13,000,000.00 (thirteen million Euro) for any one claim or a series of claims arising out of a single occurrence. This policy should include an indemnity to principles clause with a specific indemnity to the Grantor;
- (d) in the event that the Consent Area or any part thereof, shall be damaged by any of the Insured Risks, then and as often as shall happen, apply all monies received in respect of such insurance as aforesaid as soon as practicable in or upon reinstating the Consent Area in a good and substantial manner and in the event that such monies shall be insufficient for the said purpose, to make good the deficiency;
- (e) whenever required to do so by the Grantor, produce to the Grantor for inspection evidence of insurances, including certificates together with the evidence of payment for renewal of the said policy or policies together with evidence of waiver

of subrogation rights against the Grantor by the Holder's insurers, and to comply with all conditions pertaining to any such policy or policies;

- (f) not do or omit to do anything which might cause any policy of insurance (if required) relating to the Consent Area or any other part of the maritime area affected by the Permitted Maritime Usage to become void or voidable, wholly or in part, nor (unless the Holder has previously notified the Grantor and the Holder has agreed to pay the increased premium) to do anything whereby any abnormal or loaded premium may become payable;
- (g) as soon as reasonably practicable notify the Grantor in writing of the making of any claim under any policy of insurance which is required to be held in connection with this Consent and to provide the Grantor with all information in relation to any such claim;
- (h) ensure that any contractors, servants or agents of the Holder engaged in connection with activities in the Consent Area or otherwise in connection with this Consent have appropriate insurance and that evidence of such insurance policies shall be provided to the Grantor as soon as is reasonably practicable;

17.2 Where the Grantor deems that the limit of the public liability insurance policy in 17.1 (b) should be increased having regard to changes in circumstances (including but not limited to inflation, increased costs and changes in the value of money) then the Grantor may notify the Holder of the required increase, and the Holder shall increase the relevant policy limit within 90 Business Days of the receipt of such notification subject to any extension as may be permitted by the Grantor following a written request by the Holder.

18. INSPECTION AND INVESTIGATIONS

18.1 The Grantor may conduct or cause to be conducted such investigations, inspections and enquiries in connection with this Consent as it sees fit.

18.2 Without prejudice to the generality of condition 18.1, and to all other rights of the Grantor to enter upon the Consent Area, the Grantor shall have the right to:

(a) enter the Consent Area if the Grantor is satisfied that the Holder has materially contravened –

(i) a provision of this Consent,

(ii) a provision of the Act; or

(iii) a provision of one or more conditions attached, or deemed to be attached, to this Consent,

or

(b) enter the Consent Area for the purposes of enabling the Grantor to carry out inspections (including periodic inspections) for the purposes of ascertaining whether or not there has been a contravention of a provision of this Consent, the Act, or one or more conditions attached or deemed to be attached to this Consent.

18.3 The Holder shall cooperate and assist the Grantor in the Grantor's performance of its functions under and in relation to this Consent and the Act.

18.4 The Holder acknowledges and agrees that, unless the contrary intention is expressed, any investigation, inspection or enquiry undertaken pursuant to this Consent is without prejudice to the Holder's rights and obligations under this Consent, the Act or at Law and no failure or delay in taking any action arising from such investigation, inspection or enquiry shall amount to a waiver of any such rights or relieve the Holder from any such obligations; and does not amount to an acknowledgement by the Grantor, or any officer, servant or agent of the Grantor, that the Holder has complied with or is in compliance with this Consent, the Act or Law in relation to any matters to which the investigation, inspection or enquiry relates.

19. **ENFORCEMENT**

19.1 Without prejudice to any other remedies available pursuant to this Consent and at law, any breach of this Consent or the Act may lead to the Grantor taking enforcement action pursuant to Part 6 of the Act. Such enforcement action may include the imposition of sanctions on the Holder including termination, revocation and suspension.

20. **REHABILITATION**

20.1 The Holder shall before the expiration of this Consent, rehabilitate the Consent Area, and any other part of the maritime area, adversely affected by the Permitted Maritime Usage in accordance with the requirements of the Rehabilitation Schedule to be attached to this Consent following the grant of Development

Permission (as may be amended in accordance with the requirements of this Consent).

20.2 This obligation does not relieve the Holder from any obligation to apply for or obtain any other authorisations (whether the authorisation takes the form of the grant of a licence, consent, approval or any other authorisation) required under the Act or any other enactment in order to enable that Holder to discharge that obligation.

20.3 The Holder shall comply with any notice given by the Grantor pursuant to Section 97 of the Act requiring the Holder to make an application within the period set out in the notice for development permission to amend or replace the Rehabilitation Schedule to take account of the matters set out in the notice.

20.4 Notwithstanding termination or revocation of this Consent pursuant to this Consent or the Act, the Holder must continue to comply with the obligations under this condition 20 and section 96 of the Act to the extent practicable in all the circumstances of the case.

21. **REHABILITATION BOND**

21.1 The provisions of this condition 21 are subject to the requirements of any Development Permission authorising the Permitted Maritime Usage and section 87 of the Act shall apply to any irreconciliation arising.

21.2 Not later than 60 days prior to the commencement of any works on foot of a Development Permission , the Holder must post bonds to:

- (a) Ensure the proper performance of the Holder's obligations pursuant to condition 20 in relation to the rehabilitation of the Consent Area and if necessary any other part of the maritime area adversely affected by the Permitted Maritime Usage.
- (b) Cover any other liabilities which may be incurred in relation to any rehabilitation whether pursuant to this Consent or otherwise.

21.3 The Holder shall procure and provide to the Grantor's satisfaction proof of the existence and terms of the rehabilitation bond.

21.4 The following provisions apply to determining the amount of a rehabilitation bond:

- (a) The amount of the bond must at all times be acceptable to the Grantor.

- (b) The amount will be agreed between the Grantor and the Holder or failing such agreement, will be determined by the Grantor having regard to the estimated costs of rehabilitation to which the bond relates being the development completed or under construction.
- (c) The estimated costs of rehabilitating the relevant parts of the Consent Area and if necessary, any other part of the maritime area, adversely affected by the Permitted Maritime Usage and any other liabilities which the Grantor reasonably considers may be incurred by the Holder of this Consent or otherwise.
- (d) The amount of the bond may be reviewed by the Grantor upon the commencement of the construction of any phase of the development;
 - (i) If any amendments or changes are made to the Rehabilitation Schedule originally submitted;
 - (ii) If a certificate of completion of rehabilitation is issued by the Grantor pursuant to condition 21.7 in respect of part but not all of the rehabilitation to which the rehabilitation bond relates: or
 - (iii) at such other times, or at such periodic intervals as the Grantor deems necessary or appropriate.

21.5 Where the Grantor deems that the rehabilitation bond amount should be increased then the Grantor will notify the Holder of the required increase, the Holder must increase the relevant bond amount within 60 Business Days of the receipt of such notification subject to any extension as may be permitted by the Grantor following a written request by the Holder.

21.6 The right to make a demand under a rehabilitation bond is without prejudice to any other remedies available to the Grantor under this Consent or at Law.

21.7 The Holder shall deliver a certificate of completion of rehabilitation by an appropriate expert that confirms that rehabilitation has been completed in accordance with the Rehabilitation Schedule. Following receipt of this certificate the Grantor may carry out an inspection to determine if rehabilitation has been completed in accordance with the Rehabilitation Schedule. When the Grantor is satisfied that rehabilitation has been completed in accordance with the

Rehabilitation Schedule, the Grantor will return the rehabilitation bond to the Grantor.

22. AMENDMENTS TO THIS CONSENT

22.1 Section 86 of the Act shall apply to any application to amend this Consent (other than a deemed amendment pursuant to Section 87 of the Act).

23. SURRENDER

23.1 Sections 88 and 89 of the Act shall apply to any application by the Holder to surrender this Consent.

24. AUTOMATIC TERMINATION

24.1 Without prejudice to any other remedies available pursuant to this Consent and at law, this Consent shall terminate immediately upon the occurrence of any of the events provided for in section 144(1) of the Act.

25. TERMINATION FOR BREACH

25.1 Without prejudice to any other remedies available pursuant to this Consent and at law, the Grantor may terminate this Consent for breach in accordance with section 144A of the Act.

26. ASSIGNMENT

26.1 Where the Holder wishes to assign the benefit of this Consent to another entity, it shall make a joint application to the Grantor in accordance with section 85 of the Act for consent in writing to the assignment and, in the case of such application, all parts of the Act applicable to a Maritime Area Consent application and its determination under the Act, shall, with all necessary modifications, apply accordingly.

26.2 Condition 26.1 above shall not apply to any assignment which is within a class of assignments specified by the Minister by regulations in accordance with section 85(2A) of the Act as an assignment to which section 85(2) of the Act does not apply. The procedures or requirements that will apply to an application by the Holder or the proposed assignee, or both of them, to the Grantor for consent to an assignment which falls within such a class shall be specified by regulations.

26.3 Any assignment of this Consent purporting to be effected without the consent referred to in 26.1, or otherwise than in compliance with regulations made under section 85(2A) of the Act and condition 26.2 above, shall be void.

26.4 A Change of Control shall constitute a material breach of this Consent unless the provisions in condition 26.5 are complied with by the Holder and consent in writing is given by the Grantor.

26.5 In the event of a prospective Change of Control, the Holder shall, prior to any Change of Control becoming effective, make an application to the Grantor for consent in writing to the Change of Control and the provisions of Section 85 of the Act with all necessary modifications shall apply to the process of seeking and granting such consent as if the Holder as controlled after the prospective Change of Control was the 'proposed assignee' as provided for therein.

27. JOINT AND SEVERAL OBLIGATIONS

27.1 Save where otherwise specified, any obligations of the Holder under this Consent are joint and several obligations.

28. FORCE MAJEURE

28.1 Except as otherwise provided by this Consent, where any party or parties are rendered wholly or partially incapable of performing all or any of their obligations under this Consent, the Act, or the Planning and Development Act 2000, as amended, by reason of Force Majeure:

- a. as soon as is reasonably practicable, the party affected by Force Majeure shall notify the other party, identifying the nature of the event, its expected duration and the particular obligations affected and shall furnish reports at such intervals reasonably requested by the other party during the period of Force Majeure;
- b. this Consent shall remain in effect but that party's obligations, except for an obligation to make payment of money, and the corresponding obligations of the other party, shall be suspended, provided that the suspension shall be of no greater scope and no longer duration than is required by the Force Majeure;

- c. subject to full compliance with this condition 28, during suspension of any obligation pursuant to sub clause (b), the relevant party or parties shall not be treated as being in breach of that obligation;
- d. the party affected by the Force Majeure shall use all reasonable efforts to remedy its inability to perform all or any of its obligations under this Consent by reason of Force Majeure and to resume full performance of its obligations under this Consent as soon as is reasonably practicable;
- e. as soon as is reasonably practicable after notification of the Force Majeure, each party shall use all reasonable endeavours to consult with the other party as to how best to give effect to their obligations under this Consent so far as is reasonably practicable during the period of the Force Majeure;
- f. upon cessation of a party's inability to perform all or any of its obligations under this Consent by reason of Force Majeure, that party shall notify the other party; and
- g. insofar as is possible, any party affected by an event of Force Majeure shall do all things reasonably practicable to mitigate the consequences of the Force Majeure.

28.2 Condition 28.1(d) shall not require the settlement of any strike, walk-out, lock-out or other labour dispute on terms which, in the sole judgement of the party involved in the dispute, are contrary to its interests.

29. **EXERCISE OF RIGHTS**

29.1 The Holder shall exercise this Consent in such a manner as not to cause damage or injury to the Consent Area (save for incidental damage caused in the completion of works in substantial compliance with the Development Permission), the Grantor, the occupants of the Consent Area and any other part of the maritime area affected by the Permitted Maritime Usage and to forthwith from time to time with due diligence repair and make compensation for any such damage or injury that may be so caused.

30. **NOTICES**

30.1 A notice that is required to be given under this Consent or in accordance with the Act shall be given in accordance with Section 170 of the Act.

31. RELATIONSHIP OF THE PARTIES

31.1 Nothing in this Consent may be interpreted or construed as creating any landlord and tenant relationship, any tenancy in or right to possession of or any right of easement over or in respect of the Consent Area or any other part of the maritime area affected by the Permitted Maritime Usage, or any agency, association, joint venture or partnership between the Grantor and the Holder.

31.2 Except as is expressly provided for in this Consent, nothing in this Consent grants any right, power or authority to any party to enter into any agreement or undertaking for, act on behalf of or otherwise bind any other party.

31.3 It is hereby certified for the purposes of Section 238 of the Companies Act 2014, as amended, that the Grantor is not a director or a person connected with a director of the Holder.

32. SEVERANCE

32.1 If any provision of this Consent is or becomes or is declared invalid, unenforceable or illegal by the courts of Ireland or by order of the relevant body of the European Union, that provision shall be severed and the remainder of this Consent shall remain in full force and effect.

32.2 The Holder shall comply with this Consent, as amended.

33. PHYSICAL CONNECTION

33.1 It is a condition of this Consent that the Offshore Wind Farm is physically connected to and delivers the full electrical output of the Offshore Wind Farm to:

- a. the Irish electricity transmission system; or
- b. a customer (or customers) located in Ireland, purchasing such electricity for own use, by means of a direct line (which means an electric line which is used or is to be used to carry electricity for the purpose of supply and the construction of which line is permitted under section 37 of the Electricity Regulation Act 1999 (as amended)); or
- c. a combination of (a) and (b) above.

If this condition is not complied with, the provisions of section 144(A)(1)(c) of the Act shall apply.

34. GOVERNING LAW AND JURISDICTION

34.1 This Consent and all other documents relating to it shall be governed by and construed only in accordance with the laws of Ireland.

34.2 The Holder hereby submits irrevocably to the exclusive jurisdiction of the courts of Ireland in respect of any dispute arising out of or in connection with this Consent.

34.3 This condition is for the benefit of the Grantor only. The Grantor shall not be prevented from taking proceedings against the Holder in any other courts with jurisdiction. To the extent allowed by law, the Grantor may take concurrent proceedings in any number of jurisdictions.

APPENDIX 1

THE CONSENT AREA

(a) **The Array Area**

That part of the Maritime area within the following co-ordinates as shown for identification purposes on the attached map surrounded by a red line:

ID	Irish National Grid EPSG: 29902		UTM29N EPSG: 32629		ITM EPSG: 2157	
	Easting	Northing	X	Y	X	Y
1	325301	301515	690811	5981640	725225	801527
2	328659	301468	694169	5981640	728583	801480
3	329649	298568	695199	5978755	729572	798580
4	328370	294812	693974	5974982	728294	794825
5	325612	294851	691216	5974982	725536	794864
6	324320	298635	689871	5978747	724244	798647

Provided that the Array Area shall not include any part of the maritime area that is not State-owned.

(b) **The Subsidiary Area**

That part of the Maritime area within the following co-ordinates as shown for identification purposes on the attached map surrounded by a black line:

ID	Irish National Grid EPSG: 29902		UTM29N EPSG: 32629		ITM EPSG: 2157	
	Easting	Northing	X	Y	X	Y
1	325613	294860	691217	5974991	725538	794873
2	316427	290463	682095	5970465	716353	790477
3	315302	290574	680969	5970561	715228	790588
4	315272	290577	680939	5970564	715198	790591
5	315277	290591	680944	5970578	715204	790606
6	315283	290605	680949	5970592	715209	790619
7	315287	290615	680953	5970602	715213	790630
8	315288	290619	680955	5970606	715215	790633
9	315296	290639	680962	5970625	715222	790653
10	315299	290646	680966	5970633	715226	790660
11	315303	290654	680969	5970641	715230	790669
12	315306	290661	680972	5970647	715232	790675
13	315313	290677	680978	5970664	715239	790691
14	315317	290688	680983	5970676	715243	790703
15	315318	290692	680984	5970679	715245	790706
16	315329	290715	680994	5970702	715255	790729
17	315335	290729	681000	5970716	715262	790743
18	315338	290734	681003	5970721	715264	790748
19	315346	290751	681011	5970738	715273	790765
20	315352	290762	681017	5970750	715278	790776
21	315354	290765	681018	5970753	715280	790780
22	315361	290779	681025	5970767	715287	790793
23	315367	290791	681031	5970779	715294	790805
24	315369	290794	681033	5970782	715295	790808
25	315380	290816	681044	5970804	715306	790830
26	315385	290826	681049	5970814	715311	790840
27	315389	290834	681053	5970822	715316	790849
28	315396	290847	681060	5970836	715323	790862
29	315402	290856	681065	5970845	715328	790871
30	315411	290874	681074	5970862	715338	790888
31	315415	290883	681078	5970871	715342	790897
32	315418	290887	681081	5970876	715344	790902

33	315428	290906	681091	5970894	715355	790920
34	315433	290914	681095	5970903	715359	790928
35	315436	290920	681098	5970909	715362	790934
36	315443	290934	681105	5970922	715369	790948
37	315449	290945	681111	5970933	715375	790959
38	315456	290956	681117	5970945	715382	790970
39	315459	290962	681121	5970950	715386	790976
40	315466	290972	681127	5970961	715392	790986
41	315472	290981	681133	5970970	715398	790995
42	315476	290988	681138	5970977	715403	791002
43	315479	290992	681141	5970981	715406	791006
44	315489	291006	681150	5970995	715415	791020
45	315493	291013	681154	5971002	715420	791027
46	315515	291041	681176	5971031	715442	791055
47	315528	291058	681188	5971048	715454	791072
48	315530	291062	681191	5971052	715457	791076
49	315541	291075	681201	5971065	715467	791089
50	315549	291083	681209	5971074	715475	791098
51	315556	291092	681216	5971083	715483	791106
52	315560	291097	681220	5971087	715486	791111
53	315568	291105	681227	5971096	715494	791120

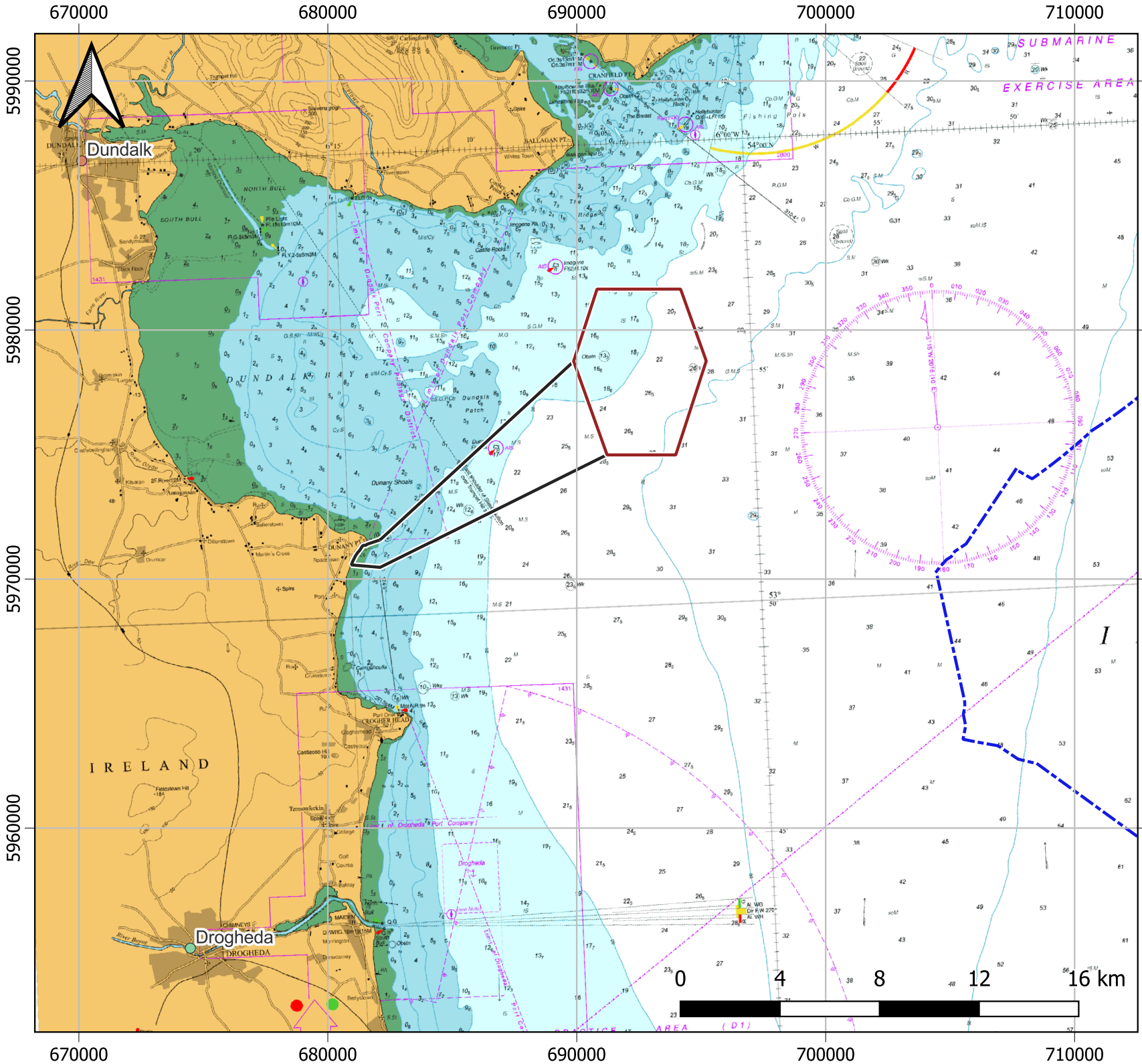
54	315574	291112	681234	5971103	715501	791127
55	315575	291113	681235	5971104	715501	791127
56	315584	291122	681243	5971113	715510	791136
57	315590	291130	681250	5971120	715517	791144
58	315599	291141	681259	5971132	715526	791155
59	315605	291147	681264	5971138	715531	791162
60	315614	291160	681273	5971151	715541	791174
61	315617	291163	681275	5971154	715543	791177
62	315632	291182	681290	5971174	715558	791196
63	315641	291195	681299	5971186	715567	791209
64	315648	291205	681307	5971196	715575	791219
65	315654	291213	681312	5971205	715581	791227
66	315658	291219	681316	5971211	715584	791233
67	315662	291226	681320	5971218	715588	791240
68	315672	291246	681329	5971238	715598	791260
69	315675	291254	681333	5971246	715601	791268
70	315676	291257	681334	5971249	715603	791271
71	315680	291263	681338	5971255	715606	791277
72	315687	291270	681344	5971262	715613	791284
73	315693	291278	681350	5971270	715619	791292
74	315699	291288	681357	5971281	715626	791303
75	315704	291296	681361	5971288	715631	791310
76	315710	291304	681367	5971296	715637	791318
77	315715	291309	681372	5971301	715641	791323
78	315717	291310	681374	5971303	715643	791324
79	315721	291317	681377	5971309	715647	791331

80	315726	291323	681382	5971315	715652	791337
81	315732	291330	681388	5971322	715658	791344
82	315740	291339	681396	5971331	715666	791353
83	315742	291340	681399	5971333	715669	791354
84	315750	291343	681407	5971336	715677	791357
85	315765	291349	681421	5971342	715691	791363
86	315780	291354	681436	5971348	715706	791368
87	315793	291357	681449	5971351	715719	791371
88	315808	291360	681464	5971354	715734	791374
89	315816	291360	681472	5971354	715742	791374
90	315826	291359	681482	5971353	715752	791373
91	315834	291358	681490	5971352	715760	791372
92	315841	291357	681498	5971351	715768	791371
93	315849	291358	681505	5971352	715776	791372
94	315855	291359	681511	5971353	715782	791373
95	315861	291361	681517	5971356	715788	791375
96	315873	291366	681529	5971360	715799	791380
97	315889	291376	681544	5971371	715815	791390
98	315893	291380	681549	5971374	715819	791394
99	315904	291386	681560	5971381	715830	791400
100	315916	291396	681572	5971392	715843	791410
101	315918	291399	681574	5971394	715845	791413
102	315960	291412	681615	5971408	715886	791426
103	316444	291567	682097	5971570	716370	791581
104	316444	291567	682097	5971570	716370	791581
105	324324	298628	689875	5978739	724249	798640

Provided that the Subsidiary Area shall not include any part of the maritime area that is not State-owned.

(c) **The Infrastructure Corridor**

See the definition in condition 1.1(o).



Oriel Offshore Wind Farm

MAC Assessment

2022-MAC-001

- Legend**
- - - 12 Nautical Mile Limit
 - Oriel OWF Array
MAC Application Area
 - Oriel OWF Cable Corridor
MAC Application Area

- Cities**
- Drogheda
 - Dundalk



Coordinate Reference System: EPSG: 32629
 Date: 18/08/2022
 Author: KZ
 Revision: 00

APPENDIX 2

REHABILITATION SCHEDULE

Schedule 7: Form 22 Design Opinion



Supplementary information to accompany an application accompanied by an opinion on flexibility

1. Prospective Applicant	
Name:	Oriel Windfarm Limited

2. Contact details of person authorised to operate on behalf of the Prospective Applicant (Applicant or Agent): (Not for Public release)	
Name:	Richard Church
Correspondence Address:	Oriel Windfarm Limited, Digital Office Centre, Balheary Road, Co. Dublin, K67 E5A0
Telephone:	01 963 0270
Email:	richard.church@parkwind.eu

3. Proposed Development	
Address of the proposed development:	<p>The offshore wind farm area is located in the maritime area and is positioned approximately 22 km east of Dundalk town centre, 18 km east of Blackrock, 6 km south of the Cooley Point and 10 km north-east of Dunany Point.</p> <p>The onshore infrastructure is located approximately halfway between Drogheda and Dundalk, to the west of the town of Ardee, within the townlands of Dunany, Mitchelstown, Port, Nicholastown (Electoral Division of Dysart in the Barony of Ferrard), Boycetown, Togher, Clonmore, Tullydonnell, Corstown (Electoral Division of Drumcar in the Barony of Ardee), Corstown (Electoral Division of Dunleer in the Barony of Ferrard), Drumcar, Mullincross, Charleville, Dromgoolestown, Richardstown (Electoral Division of</p>

	Stabannan in the Barony of Ardee), Harristown and Stickillin in Co. Louth.
Description of the proposed development:	<p>The proposed development consists of the following principal elements:</p> <p>A. Offshore renewable energy infrastructure in the outer maritime area located between approximately 6 km south of Cooley Point and approximately 10 km north-east of Dunany Point across an offshore wind farm area of approximately 27.7 km² and consisting of the following:</p> <ul style="list-style-type: none"> i. 25 No. offshore wind turbines with a maximum tip height of 270 m above the Lowest Astronomical Tide (LAT) attached to the seabed by monopile foundations with associated scour protection and with a combined Maximum Export Capacity of 375 MW. ii. A network of 41 km of 66 kV subsea inter-array cables linking each of the proposed offshore wind turbines to the offshore substation including associated cable protection. iii. 1 No. offshore substation with a height of 48 m above LAT attached to the seabed by a monopile foundation with associated scour protection. This includes a prefabricated structure containing electrical equipment and ancillary equipment including a telecommunications mast. <p>B. A single 16 km long 220 kV subsea export cable and associated cable protection located within an offshore cable corridor of approximately 25 km² between the south-west corner of the offshore wind farm area and a landfall which is situated approximately 700 m south of Dunany Point.</p>

- C. An underground Transition Joint Bay (TJB) at the proposed landfall in the townland of Dunany. The TJB consists of a fully buried concrete chamber with a total area of 32.5 m², where the proposed offshore export cable will be connected to the underground onshore export cables.
- D. Installation of underground onshore export cables, approximately 20.1 km in length, connecting the proposed TJB in the townland of Dunany to the proposed onshore substation in the townland of Stickillin. The cables will be laid in a standard trench of approximately 700 mm in width and 1425 mm in depth.
- E. Installation of fibre optic, telecommunication and other associated cabling all carried in underground ducts within the proposed trench.
- F. Installation of 2 No. additional fibre optic cable ducts within the underground cable trench of approximately 1500 mm in width, from the proposed onshore substation in the townland of Stickillin along the N33 for approximately 3 km and connection into a 110 kV double wooden poleset on the existing Drybridge-Louth 110kV overhead line in the townland of Richardstown, (Electoral Division of Stabannan).
- G. Installation of the cables will require associated joint bays and link boxes, located at approximately 700 m intervals along the underground cable alignment. The cable installation will also require the construction of temporary passing bays and the use of either Horizontal Directional Drilling (HDD) or open cut construction techniques for utility crossings of water, rail, gas and motorway.
- H. A new onshore electricity substation adjacent to the proposed connection point in the townland of Stickillin.

The onshore substation will comprise of the following main elements:

- i. Compound 1 Onshore Transmission Connection comprising:
 - 220 kV Gas Insulated Switchgear (GIS) equipment contained within a building of approximately 20 m x 60 m and a height of 17 m.
 - 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the GIS building.
 - A lattice steel telecommunications mast of 36 m in height.
 - 5 No. associated car parking spaces, an internal access road 5 m in width and a house transformer.
- ii. Compound 2 Offshore Transmission System comprising:
 - 220 kV Air Insulated Switchgear (AIS) equipment at an approximate height of 10 m, including a transformer bay, 2 No. harmonic filter bays, shunt reactor bay, 2 No. cable bays, 220 kV busbar, and ancillary control equipment.
 - A control building of 34 m x 10 m and a height of 11 m with up to 6 No. lightning protection poles of approximately 3 m in height located on the parapet of the building.
 - A statcom building of 14 m x 28 m and a height of 10 m with associated ancillary equipment.

	<ul style="list-style-type: none"> • 12 No. lightning protection poles of approximately 20 m in height will be placed within the compound. It will include a lattice steel telecommunications mast of approximately 36 m in height, standby diesel generator and a house transformer. • 4 No. associated car parking spaces and an internal access road 5 m in width. <p>iii. Entrance Compound providing access to Compound 1 and Compound 2 and including:</p> <ul style="list-style-type: none"> • A telecommunications building of 15 m x 4 m and a height of 4 m. • A standby diesel generator and 1 no car parking space. <p>iv. Common Areas:</p> <ul style="list-style-type: none"> • All compounds will be bounded by a 2.6 m high green palisade security fence / gates. • The existing entrance will be widened to 6 m in width. • 1.4 m high property fence / gates will surround the site. • All associated landscaping. • All other associated site development works such as surface water infrastructure and attenuation tanks to facilitate development. <p>I. 2 No. line cable interface masts of 27 m in height will be constructed adjacent to the onshore substation. This will require an existing 220 kV tower (31 m in height) and associated infrastructure to be decommissioned.</p>
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	<p>J. A temporary construction compound adjacent to the onshore substation with a footprint of approximately 12,860 m² including welfare and storage areas. 3 No. additional temporary construction compounds located along the onshore cable route varying in footprint from 3,000 m² to 4,200 m² and 8 No. temporary HDD compounds (4 off road HDD's) varying in footprint from 100 m² to 4,500 m².</p> <p>K. All associated and ancillary above and below ground development including works comprising or relating to construction works, roadworks, excavation (including HDD) and vegetation clearance.</p> <p>Planning permission is sought for a period until the expiry of the Maritime Area Consent for the Project on 22 December 2067.</p>
--	---

4. Declaration:

I hereby declare that, to the best of my knowledge and belief, the information given in this form is correct and accurate and fully compliant with the Planning and Development Act 2000, as amended, and the Regulations made thereunder.

5. Signature of person authorised to operate on behalf of the Prospective Applicant:



Date: 17 April 2024

6. Information on Flexibility Meeting Request and Opinion on Flexibility	
Meeting requested under section 32H, 37CC, 182F or 287A of the Act:	Section 287A
Meeting Reference Number:	ABP-318274-23 1 st Meeting
Date of Meeting Request:	19 th October 2023
Date of Meeting:	9 th November 2023
Opinion Reference Number:	ABP-318274-23
Date of Opinion:	26 th January 2024

7. Document to be submitted		
Document	Enclosed with Request	
A copy of the opinion issued under section 32I, 37CD, 182G or 287B of the Planning and Development Act 2000	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]

8. Statement of flexibilities
(a) Outline each of the of the details, or groups of details, of the proposed development that are unconfirmed in the application
1. The final exact location of each offshore wind turbine and the offshore substation.
2. The final height of offshore infrastructure.
3. The final route and length, of the offshore export cable and offshore inter-array cables.
4. The location and layout of the landfall transition joint bay.
5. The final design for the type and siting of outdoor equipment within the proposed onshore substation compound.
(b) For each detail, or groups of details, referenced in (a) above confirm whether the application for permission in respect of the unconfirmed details

is being made on the basis of options, parameters or both and provide a description of the details of the options, parameters or both.

Detail	Options/ Parameters/ Both	Description of Details of options/ parameters or both
1. The final exact location of each offshore wind turbine and the offshore substation.	Parameters	A layout of the offshore wind turbines and the offshore substation is presented in the Application. A 50m radius of lateral deviation in the final location of each offshore wind turbine and the offshore substation is proposed in the Application.
2. The final height of offshore infrastructure.	Parameters	The wind turbine hub height will vary within the range 145-152 metres above Lowest Astronomical Tide across the offshore wind farm area due to the specific height of each foundation.
3. The final route and length, of the offshore export cable and offshore inter-array cables.	Both	A preferred route for each inter-array cable (5 no.) and export cable (1 no.) has been identified following detailed geophysical and geotechnical site investigations. A deviation to these routes within the offshore wind farm area and export offshore cable corridor could be required due to unexpected ground conditions such as boulders or rock at the seabed surface. Maximum lengths of inter-array cables of 41 km and an offshore export cable of 16 km are presented in the application. The installed length of export and inter-array cables will be subject to the final route.
4. The location and layout of the landfall transition joint bay.	Options	<p>A transition joint bay, which is a buried chamber, is required to connect the single offshore export cable to three onshore land cables. Two options for the location of the Transition Joint Bay (TJB) are presented in the Application. The two options are in close proximity and approximately 40 m from each other.</p> <p>Option 1 is close to the beach at Dunany above the high-water mark.</p> <p>Option 2 is in an agricultural field adjacent to the beach.</p>
5. The final design for the type and siting of outdoor equipment	Both	An onshore substation design is presented and assessed in the EIAR. The onshore substation design adheres to the

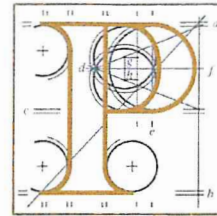
<p>within the proposed onshore substation compound.</p>		<p>requirements of the current EirGrid functional specification and utilises current best available technology.</p> <p>The size and height for the buildings, two new line cable interface masts (pylons to support the existing overhead line) and outdoor equipment are presented in the Application.</p> <p>Amendments to the final design for the type and siting of outdoor equipment within the onshore substation may be required.</p>
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9. Official Use only:

Planning Reference:

Board Stamp:

Our Case Number: ABP-318274-23



An
Bord
Pleanála

Oriel Windfarm Limited
Digital Office Centre Swords
Balheary Demense, Balheary Road
Swords
Co. Dublin

Date: 02 February 2024

Re: Proposed development of Oriel offshore wind farm
off the coast of Co. Louth (Design Option).

Dear Sir / Madam,

I have been asked by An Bord Pleanála to refer to the above-mentioned proposed development.

Please be advised that following consultations under section 287A of the Planning and Development Act 2000, as amended, the Board has formed an opinion on design flexibility. A copy of the opinion is enclosed.

Please note that the Board's opinion on design flexibility will not be available for public inspection until an application is made to it under section 291 of the Act.

Information in relation to challenges to the validity of a decision of An Bord Pleanála under the provisions of the Planning and Development Act 2000, as amended, is also enclosed.

If you have any queries in the meantime, please contact the undersigned officer of the Board or email marine@pleanala.ie quoting the above mentioned An Bord Pleanála reference number in any correspondence with the Board.

Yours faithfully,

Lauren Murphy
Executive Officer
Direct Line: 01-8737275

Teil	Tel	(01) 858 8100
Glaó Áitiúil	LoCall	1800 275 175
Facs	Fax	(01) 872 2684
Láithreán Gréasáin	Website	www.pleanala.ie
Ríomhphost	Email	bord@pleanala.ie

64 Sráid Maoilbhríde	64 Marlborough Street
Baile Átha Cliath 1	Dublin 1
D01 V902	D01 V902

Judicial review of An Bord Pleanála decisions under the provisions of the Planning and Development Acts (as amended).

A person wishing to challenge the validity of a Board decision may do so by way of judicial review only. Sections 50, 50A and 50B of the Planning and Development Act 2000 (as substituted by section 13 of the Planning and Development (Strategic Infrastructure) Act 2006, as amended/substituted by sections 32 and 33 of the Planning and Development (Amendment) Act 2010 and as amended by sections 20 and 21 of the Environment (Miscellaneous Provisions) Act 2011) contain provisions in relation to challenges to the validity of a decision of the Board.

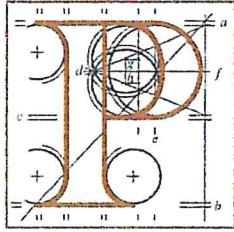
The validity of a decision taken by the Board may only be questioned by making an application for judicial review under Order 84 of The Rules of the Superior Courts (S.I. No. 15 of 1986). Sub-section 50(7) of the Planning and Development Act 2000 requires that subject to any extension to the time period which may be allowed by the High Court in accordance with subsection 50(8), any application for judicial review must be made within 8 weeks of the decision of the Board. It should be noted that any challenge taken under section 50 may question only the validity of the decision and the Courts do not adjudicate on the merits of the development from the perspectives of the proper planning and sustainable development of the area and/or effects on the environment. Section 50A states that leave for judicial review shall not be granted unless the Court is satisfied that there are substantial grounds for contending that the decision is invalid or ought to be quashed and that the applicant has a sufficient interest in the matter which is the subject of the application or in cases involving environmental impact assessment is a body complying with specified criteria.

Section 50B contains provisions in relation to the cost of judicial review proceedings in the High Court relating to specified types of development (including proceedings relating to decisions or actions pursuant to a law of the state that gives effect to the public participation and access to justice provisions of Council Directive 85/337/EEC i.e. the EIA Directive and to the provisions of Directive 2001/12/EC i.e. Directive on the assessment of the effects on the environment of certain plans and programmes). The general provision contained in section 50B is that in such cases each party shall bear its own costs. The Court however may award costs against any party in specified circumstances. There is also provision for the Court to award the costs of proceedings or a portion of such costs to an applicant against a respondent or notice party where relief is obtained to the extent that the action or omission of the respondent or notice party contributed to the relief being obtained.

General information on judicial review procedures is contained on the following website, www.citizensinformation.ie.

Disclaimer: The above is intended for information purposes. It does not purport to be a legally binding interpretation of the relevant provisions and it would be advisable for persons contemplating legal action to seek legal advice.

If you have any queries in the meantime, please contact the undersigned officer of the Board or email sids@pleanala.ie quoting the above mentioned An Bord Pleanála reference number in any correspondence with the Board.



An
Bord
Pleanála

An Bord Pleanála Opinion on flexibility

2) Request for meeting	
Request under section 287A of the Act:	Received
Request reference Number:	ABP-318274-23
Name of the requestor/ prospective applicant:	Oriel Windfarm Limited
Location, townland or postal address of the land or structure to which the application relates (as may be appropriate):	Off the coast of County Louth, including the onshore works comprising underground electrical cabling, through various townlands from the landing of the offshore cable at Dunany Point, to the proposed onshore substation at Stickillin.
Nature and extent of the proposed development:	Offshore windfarm and all associated infrastructure including the onshore connection to the Electricity Grid.
Date of receipt of the request:	19 th October, 2023
Opinion Reference Number:	ABP-318274-23
Date of Opinion:	26 th January, 2024

3) Was the following Information included where relevant, with the Flexibility Meeting Request under section 287A of the Planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended.

Information	Enclosed with Request		
(a) A site location map sufficient to identify the land on which the proposed development would be situated.	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	
(b) A brief description of the nature and purpose of the proposed development and of its possible effects on the environment.	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	
(c) A draft layout plan of the proposed development.	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	
(d) A description of the details, or groups of details, of the proposed development that, owing to the circumstances set out in (e) below, are unlikely to be confirmed at the time of the proposed application.	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	
(e) A description of the circumstances relating to the proposed development that indicate that it is appropriate that the proposed application be made and decided, before the prospective applicant has confirmed the details referred to in (d) above.	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	
(f) An undertaking to provide with the proposed application, either - i. two or more options, in respect of each detail or group of details referred to in (d) above containing information on the basis of which the proposed application may be made and decided, ii. parameters within which each detail referred to in paragraph (d) above will fall and on the basis of which the proposed application may be made and decided, or	Yes: [<input checked="" type="checkbox"/>]	No: [<input type="checkbox"/>]	

iii. a combination of (i) and (ii).			
(g) Such other information, drawings or representations as the prospective applicant may wish to provide or make available.	Yes: []	No: []	N/A: [✓]
(h) The appropriate fee.	Yes: []	No: []	[✓]

At a meeting held on 24th January, 2024, the Board considered the report of the Inspector, the documents submitted as part of the pre-application consultation under section 287A of the Planning and Development Act 2000 as amended on design flexibility.

In accordance with Section 287B(2) of the Act, the Board determined that due to the specific circumstances of the development, it is satisfied that the proposed application can be made and decided before certain details of the application are confirmed.

In this regard an opinion on design flexibility shall issue to the prospective applicant as set out below:

4) Opinion of the Board under section 287B of the Planning and Development Act 2000, as amended and the Planning and Development Regulations 2001, as amended.	
Information	Details/ Circumstances
a) The details, or groups of details, of the proposed development that may be confirmed after the proposed application has been made and decided.	<ol style="list-style-type: none"> 1. The final exact location of each offshore wind turbine and the offshore substation 2. The final height of offshore infrastructure 3. The final route and length, of the offshore export cable and offshore inter-array cables 4. The location and layout of the landfall transition joint bay and

	5. The final design for the type and siting of outdoor equipment within the proposed onshore substation compound.
b) The circumstances relating to the proposed development that indicate that it is appropriate that the proposed application be made and decided before the prospective applicant has confirmed the details referred to in paragraph (a) above.	Ongoing advances in technology and recognition of the need to install project infrastructure efficiently, at the optimal locations within the context of specified parameters and options, whose potential impacts will be set out and assessed within any future application documentation.

For each detail, or groups of details, referred to in paragraph 4(a) above, the proposed application shall, in addition to any other requirement imposed by or under the Planning and Development Act 2000, be accompanied by the information referred to in the undertaking submitted with the flexibility meeting request under section, 287A(2)(f) of the Planning and Development Act 2000.

The Board decided not to accept the request for design flexibility for the extent and nature of the protection for subsea cable associated with the proposed development, as the Board considered that this element of the proposed development relates to normal construction practices that are intrinsic to the installation of the development. Options related to construction practice that may not be clarified at application stage, should be set out and assessed in the application documentation (including the EIAR and NIS) and in the event of a favourable decision on the application, construction related methodologies could be agreed prior to commencement of development, by way of compliance with a planning condition.

The proposed application must be consistent with the opinion provided in accordance with section 287B of the Act.




Chris McGarry

Member of An Bord Pleanála

**duly authorised to authenticate
the seal of the Board.**

Dated this 3rd day of January 2024

Schedule 8: Schedule of Pre-Application Consultations



PLANNING PARTICULARS

Sections 1.1 – 1.4 below contain a schedule of details in relation to pre-application consultation. For a full account of consultation that has taken place, please refer to Chapter 6: Consultation of the EIAR and the Planning Report, both of which accompany the application.

1.1 Consultation with An Bord Pleanála

Table 1: Dates of statutory pre-application consultations with An Bord Pleanála (ABP) under Section 287 of the Planning and Development Act 2000, as amended (current consenting regime).

Ref.	ABP Case Ref.	Dates of Meetings
1 st	ABP-315803-23	15 June 2023
2 nd	ABP-315803-23	31 August 2023
3 rd	ABP-315803-23	09 November 2023
4 th	ABP-315803-23	11 December 2023

Table 2: Dates of statutory pre-application consultations with ABP under Section 182A of the Planning and Development Act 2000, as amended (previous consenting regime).

Ref.	ABP Case Ref.	Dates of Meetings
1 st	VC15.VC0052	03 December 2010
2 nd	VC15.VC0052	01 March 2011
3 rd	VC15.VC0052	05 July 2011
4 th	VC15.VC0052	18 August 2011
5 th	VC15.VC0052	13 February 2018
6 th	VC15.VC0052	03 October 2019
7 th	VC15.VC0052	27 July 2020

1.2 Consultation with Local Authorities

Table 3: Dates of pre-application consultations with Louth County Council

No.	Louth County Council Department/Entity	Dates of Meetings
1	Chief Executive Officer / Director of Services / Senior Executive Management Team	01 October 2019, 23 January 2024
2	Roads	12 November 2019, 02 December 2020
3	Land and Legal	30 March 2020
4	Planning	02 December 2020, 23 January 2024
5	Director of Services	01 February 2022
6	Roads	04 September 2023

PLANNING PARTICULARS

Table 4: Dates of pre-application consultations with other Local Authorities.

No.	Local Authority	Dates of Meetings
1	Meath County Council	01 October 2019
2	Newry, Mourne and District Council	09 February 2021

1.3 Consultation with Prescribed Bodies

Table 5: Dates of pre-application consultations with Prescribed Bodies.

List of Prescribed Bodies Consulted as per request from ABP dated 02 February 2024		Dates of Consultation
No.	Entity	
1.	Minister for Housing, Local Government and Heritage	May 2023, January 2024
	<ul style="list-style-type: none"> National Parks and Wildlife Service 	2019, 2020, 2021, 2022, 2023, January 2024
	<ul style="list-style-type: none"> National Monuments Service (Development Applications Unit) 	September 2019, 2021, November 2023, January 2024
	<ul style="list-style-type: none"> Underwater Archaeology Unit 	February 2020, January 2024
2.	Minister for the Environment, Climate and Communications	May 2023, January 2024
3.	Minister for Transport	May 2023, January 2024
4.	Minister for Defence	May 2023, January 2024
5.	Minister for Agriculture, Food and the Marine	May 2023, January 2024
6.	Environmental Protection Agency	September 2019, 2021, 2022, January 2024
7.	Marine Area Regulatory Authority	May 2023, January 2024
8.	the Minister for Rural and Community Development	May 2023, January 2024
9.	Marine Institute	September 2019, March 2021, January 2024
10.	Inland Fisheries Ireland	2019, 2021, January 2024
11.	Health and Safety Authority	September 2019, January 2024
12.	Commission for Regulation of Utilities	September 2019, January 2024
13.	Fáilte Ireland	September 2019, October 2023, January 2024
14.	An Taisce	September 2019, January 2024
15.	Eastern and Midland Regional Assembly	May 2023, January 2024
16.	National Transport Authority	September 2019, January 2024
17.	Irish Aviation Authority	September 2019, February 2021, November 2022, January - March 2023, January 2024
18.	Sustainable Energy Authority of Ireland	September 2019, January 2024
19.	EirGrid	September 2019, January 2024

PLANNING PARTICULARS

List of Prescribed Bodies Consulted as per request from ABP dated 02 February 2024		Dates of Consultation
No.	Entity	
20.	Commissioner of Irish Lights	July 2019, September 2019, February 2021, November 2022, January - March 2023, January 2024
21.	Irish Coast Guard	August 2019, September 2019, February 2021, October - November 2022, January 2024
22.	<ul style="list-style-type: none"> • Northern Ireland Department for Regional Development (now Department for Infrastructure) • The Loughs Agency • The Minister for Foreign Affairs 	2019, August 2023, January 2024 September 2019, August 2023, January 2024 May 2023, January 2024
23.	Meath County Council	September 2019
24.	Fingal County Council	September 2019
25.	Louth County Council (Coastal Planning Authority)	July 2019, November 2019, March 2020, December 2020, February 2022, September 2023, January 2024
26.	Transboundary States	
	United Kingdom	August 2023, February 2024
	Northern Ireland	July 2023, February 2024
	Isle of Man	August 2023, February 2024
	Wales	February 2024
	Scotland	February 2024

1.4 Consultation with the Public

The Oriel Wind Farm Project has been consulting with the public for many years. A Community Liaison Officer was appointed to the project in 2018 and consultation with the public at that stage. An Oriel Windfarm Project Office was established at Dundalk Institute of Technology (DkIT) in 2020.

Early engagement with local public representatives including several in Northern Ireland was also undertaken from 2018 - 2024 as well as engagement with the Public Participation Network (PPN) in Co. Louth and the District Electoral Area Forums in Co. Down.

There were two main periods of active consultation with the public held in 2021 and 2023.

- In 2021, the public consultation period was between 18 January 2021 and 19 February 2021; and,
- In 2023, the public consultation period was between the 11 January 2023 and the 20 February 2023.

Many public consultation events were held online due to the impact of restrictions of Covid 19 that were introduced in March 2020 until March 2022. Most of the online elements of the consultation process have been maintained on an ongoing basis and the Community Liaison Officer and representatives from Oriel Windfarm Limited continue to meet with individuals and groups. The contents of the public exhibition have been moved on to the Oriel project website (<https://www.orielwindfarm.ie>). The public can also stay

PLANNING PARTICULARS

informed of developments by signing up on the website for regular updates and can also arrange to make an appointment to meet the project team.

The following tables give details of the public consultations that were held in 2021 and in 2023.

Table 6: Public consultation that occurred during 2021

Details of Public Consultation that occurred during 2021

Direct mail (letter and brochure) along proposed onshore cable route

Public online webinar event – 10 February 2021

Public website with online exhibition accessible via <https://www.orielwindfarm.ie>

Consultation with the following Local Fisheries Groups;

- Dunany Lobster and Shellfish Association
- Clogherhead Fishermen’s Association
- Anglo-North Irish Fish Producers Organisation (ANIFPO)
- Northern Ireland Fish Producers’ Organisation (NIFPO)

Consultation with the following Ports;

- | | |
|---|---|
| <ul style="list-style-type: none"> • Dundalk • Drogheda | <ul style="list-style-type: none"> • Dublin • Warrenpoint • Greenore |
|---|---|

Consultation with the following community groups;

- | | |
|--|--|
| <ul style="list-style-type: none"> • Togher Residents Community Group • Dundalk Chamber • Dunleer Environmental Group | <ul style="list-style-type: none"> • Dundalk Sailing Club • Skerries Sailing Club • Cooley Residents Group • Louth Birdwatch Ireland Group |
|--|--|

Table 7: Public consultation the occurred during 2023

Details of Public Consultation that occurred during 2023

Direct mail (letter and brochure) along proposed onshore cable route

Virtual exhibition opened on website <https://www.orielwindfarm.ie> – 11 January 2023

Public online webinar events – 19 January 2023 and 10 February 2023

Public (in-person) consultations;

- Dundalk – 24 – 25 January 2023
- Ardee – 31 January 2023
- Kilkeel – 01 February 2023

Consultation with the following local fisheries groups;

- Dunany Lobster and Shellfish Association
- Clogherhead Fishermen’s Association
- ANIFPO
- NIFPO
- Dundalk Bay Fishermen’s Group

PLANNING PARTICULARS

Details of Public Consultation that occurred during 2023**Consultation with the following ports;**

- Dundalk
- Drogheda

- Dublin
- Warrenpoint
- Greenore

Consultation with the following community groups;

- Togher Residents
- Dundalk Chamber
- Dunleer Environmental Group
- Dundalk Sailing Club

- Skerries Sailing Club
- Cooley Peninsula Residents (post consultation period)
- Louth Birdwatch (post consultation period)

Schedule 9:

Schedule of Notified Prescribed Bodies,
Notified Transboundary States and
Sample Copy of Notifications



PLANNING PARTICULARS

Schedule of Notified Prescribed Bodies

Name of Prescribed Bodies to whom notification of making the application has been sent

No. Name of Prescribed Body

1	Minister for Housing, Local Government and Heritage
	<ul style="list-style-type: none"> • National Parks and Wildlife Service • National Monuments Service (Development Applications Unit) • Underwater Archaeology Unit
2	Minister for the Environment, Climate and Communications
3	Minister for Transport
4	Minister for Defence
5	Minister for Agriculture, Food and the Marine
6	Environmental Protection Agency
7	Maritime Area Regulatory Authority
8	Minister for Rural and Community Development
9	Marine Institute
10	Inland Fisheries Ireland
11	Health and Safety Authority
12	Commission for Regulation of Utilities
13	Fáilte Ireland
14	An Taisce
15	Eastern and Midland Regional Assembly
16	National Transport Authority
17	Irish Aviation Authority
18	Sustainable Energy Authority of Ireland
19	EirGrid
20	Commissioner of Irish Lights
21	Irish Coast Guard
22	<ul style="list-style-type: none"> • Northern Ireland Department for Regional Development (now Department for Infrastructure) • Loughs Agency • Minister for Foreign Affairs
23	Meath County Council
24	Fingal County Council
25	Louth County Council (Coastal Planning Authority)

PLANNING PARTICULARS**Schedule of Notified Transboundary States / Consultees****Name of Transboundary State to whom notification of making the application has been sent****No. Name of Transboundary State**

1 Northern Ireland

2 United Kingdom

3 Wales

4 Scotland

5 Isle of Man

Sample copies of the Notification Letters that have been issued to both Prescribed Bodies and Transboundary States / Consultees is included overleaf.



West Pier Business Campus
Dun Laoghaire, Co. Dublin
A96 N6T7
T +353 1 488 2900

Our ref: MDR1520BLt0006

Date: 22 May 2024

[Name and Address]

RE: Notice of making an Application for Development Permission to An Bord Pleanála under Section 291 of Planning and Development Act 2000 (as amended)

Oriel Wind Farm Project

Dear Sir / Madam,

Please be advised that Oriel Windfarm Limited, gives notice of its intention to seek permission from An Bord Pleanála for the development of an offshore wind farm called the Oriel Wind Farm Project, herein referred to as the as 'the Project'. The Project is proposed to generate a maximum export capacity (MEC) of 375 MW of renewable energy and will consist of 25 No. offshore wind turbine generators (WTGs).

The Project is located in the Irish Sea, off the coast of County Louth (approximately 22 km east of Dundalk town centre and 18 km east of Blackrock). The closest wind turbine will be located approximately 6 km from the closest shore on the Cooley Peninsula. The offshore cable corridor extends approximately 11 km southwest from the wind farm area to the landfall south of Dunany Point. The onshore cable route (which is approximately 20 km in length) is predominantly routed along public roads and will connect to a new 'loop-in' onshore substation below the existing 220 kV overhead power line (that runs from Louth to Woodlands) at the townland of Stickillin, east of Ardee on the N33.

The Minister for the Environment, Climate and Communications granted Oriel Windfarm Limited a Marine Area Consent (MAC) (Ref. MAC No. 2022-MAC-001) with a commencement date of 23 December 2022. As holder of a MAC, and as is required and in accordance with Section 287 of the Planning and Development Act 2000, as amended, the Applicant entered into pre-application consultations with An Bord Pleanála (ABP), via Case No. ABP-315803-23. ABP formally closed the pre-application phase via a determination that was made on 25 January 2024.

The nature, extent and location of the proposed development is fully described in the application plans and particulars, which include an Environmental Impact Assessment Report and a Natura Impact Statement. A copy of this application is enclosed herewith. The application may also be viewed on the application website: <https://orielwindfarm-marineplanning.ie>.

Dublin | Cork | Galway | Sligo | Kilkenny
rpsgroup.com

RPS Group Limited, registered in Ireland No. 91911
RPS Consulting Engineers Limited, registered in Ireland No. 161581
RPS Engineering Services Limited, registered in Ireland No. 99795
The Registered office of each of the above companies is West Pier Business Campus, Dun Laoghaire, Co. Dublin, A96 N6T7



Public consultation in respect of this application runs for an 8-week period commencing on 4 June 2024. Any submissions or observations may be made **only** to the Marine / Climate Section of An Bord Pleanála, 64 Marlborough Street, Dublin 1, in writing or online on the Board's website www.pleanala.ie and **must be received no later than 5:30p.m. on 30 July 2024**. Submission or observations must be relating to -

- i. the implications of the proposed development for maritime spatial planning, and
- ii. the implications of the proposed development for proper planning and sustainable development, and
- iii. the likely effects on the environment or any European site of the proposed development, if carried out.

Such submissions / observations must also include the following information:

- The name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the application should be sent,
- the subject matter of the submission or observation, and
- the reasons, considerations and arguments on which the submission or observation is based in full. (Article 5 of the Planning and Development Act (Marine Development) Regulations 2023 refers).

Any submissions or observations which do not comply with the above requirements cannot be considered by the Board. The Board may at its absolute discretion hold an oral hearing on the application.

The Board may in respect of an application for permission decide to –

- (a)
 - i. grant the permission subject to such modification (if any), to the proposed development as it may specify, or
 - ii. grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, and any of the above decisions may be subject to or without conditions, or
- (b) refuse to grant the permission.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel. 01-8588100).

Yours sincerely,
for RPS Group Limited



Valerie Brennan
Director of Planning
RPS.oriel@rps.tetrattech.com
+353 1 488 2900



Our ref: MDR1520BLt0007

West Pier Business Campus
Dun Laoghaire, Co. Dublin
A96 N6T7
T +353 1 488 2900

Date: 22 May 2024

[Name and Address]

RE: Notice of making an Application for Development Permission to An Bord Pleanála under Section 291 of Planning and Development Act 2000 (as amended) in Ireland

Oriel Wind Farm Project

Dear Sir / Madam,

We are notifying you as the transboundary point of contact for Northern Ireland regarding a planning application that has been made for development permission in respect of an offshore wind energy project off the coast of County Louth in Ireland.

Please be advised that Oriel Windfarm Limited, gives notice of its intention to seek permission from An Bord Pleanála for the development of an offshore wind farm called the Oriel Wind Farm Project, herein referred to as the as 'the Project'. The Project is proposed to generate a maximum export capacity (MEC) of 375 MW of renewable energy and will consist of 25 No. offshore wind turbine generators (WTGs).

The Project is located in the Irish Sea, off the coast of County Louth (approximately 22 km east of Dundalk town centre and 18 km east of Blackrock). The closest wind turbine will be located approximately 6 km from the closest shore on the Cooley Peninsula. The offshore cable corridor extends approximately 11 km southwest from the wind farm area to the landfall south of Dunany Point. The onshore cable route (which is approximately 20 km in length) is predominantly routed along public roads and will connect to a new 'loop-in' onshore substation below the existing 220 kV overhead power line (that runs from Louth to Woodlands) at the townland of Stickillin, east of Ardee on the N33.

The Minister for the Environment, Climate and Communications granted Oriel Windfarm Limited a Marine Area Consent (MAC) (Ref. MAC No. 2022-MAC-001) with a commencement date of 23 December 2022. As holder of a MAC, and as is required and in accordance with Section 287 of the Planning and Development Act 2000, as amended, the Applicant entered into pre-application consultations with An Bord Pleanála (ABP), via Case No. ABP-315803-23. ABP formally closed the pre-application phase via a determination that was made on 25 January 2024.

Dublin | Cork | Galway | Sligo | Kilkenny
rpsgroup.com

RPS Group Limited, registered in Ireland No. 91911
RPS Consulting Engineers Limited, registered in Ireland No. 161581
RPS Engineering Services Limited, registered in Ireland No. 99795
The Registered office of each of the above companies is West Pier Business Campus, Dun Laoghaire, Co. Dublin, A96 N6T7



The nature, extent and location of the proposed development is fully described in the application plans and particulars, which include an Environmental Impact Assessment Report and a Natura Impact Statement. A copy of this application is enclosed herewith. The application may also be viewed on the application website: <https://orielwindfarm-marineplanning.ie>.

Public consultation in respect of this application runs for an 8-week period commencing on 4 June 2024. Any submissions or observations may be made **only** to the Marine / Climate Section of An Bord Pleanála, 64 Marlborough Street, Dublin 1, in writing or online on the Board's website www.pleanala.ie and **must be received no later than 5:30p.m. on 30 July 2024**. Submission or observations must be relating to -

- i. the implications of the proposed development for maritime spatial planning, and
- ii. the implications of the proposed development for proper planning and sustainable development, and
- iii. the likely effects on the environment or any European site of the proposed development, if carried out.

Such submissions / observations must also include the following information:

- The name of the person making the submission or observation, the name of the person acting on his or her behalf, if any, and the address to which any correspondence relating to the application should be sent,
- the subject matter of the submission or observation, and
- the reasons, considerations and arguments on which the submission or observation is based in full. (Article 5 of the Planning and Development Act (Marine Development) Regulations 2023 refers).

Any submissions or observations which do not comply with the above requirements cannot be considered by the Board. The Board may at its absolute discretion hold an oral hearing on the application.

The Board may in respect of an application for permission decide to –

- (a)
 - i. grant the permission subject to such modification (if any), to the proposed development as it may specify, or
 - ii. grant the permission in respect of part of the proposed development concerned subject to such modifications (if any) to that part as it may specify, and any of the above decisions may be subject to or without conditions, or
- (b) refuse to grant the permission.

Any enquiries relating to the application process should be directed to the Marine Area Planning Section of An Bord Pleanála (Tel. 01-8588100).

Yours sincerely,
for RPS Group Limited



Valerie Brennan

Director of Planning (Ireland)
RPS.oriel@rps.tetrattech.com
+353 1 488 2900

Schedule 10: Copy of EIA Portal Confirmation Notice



EIA Portal Confirmation Notice Portal ID 2024090

Housing Eiaportal <EIAportal@housing.gov.ie>

Fri 17/05/2024 14:10

To [REDACTED] >

Dear [REDACTED]

An EIA Portal notification was received on 17/05/2024 in respect of this proposed application. The information provided has been uploaded to the EIA Portal on 17/05/2024 under EIA Portal ID number 2024090 and is available to view at <http://housinggovie.maps.arcgis.com/apps/webappviewer/index.html?id=d7d5a3d48f104ecbb206e7e5f84b71f1>.

Portal ID: 2024090

Competent Authority: An Bord Pleanála

Applicant Name: Oriel Windfarm Ltd.

Location: Co. Louth, between the onshore substation site in Stickillin (3km east of Ardee) to the landfall location south of Dunany Point; The offshore wind farm area will be located in the Irish Sea, 6km from the closest shore at Cooley Peninsula.

Description: Offshore wind farm comprising 25 no. wind turbine generators, 1 no. offshore substation, 16 km offshore export cable, 20.1 km underground onshore cable located predominantly along public roads, 1 no. onshore substation at Stickillin.

Linear Development: Yes

Date Uploaded to Portal: 17/05/2024

Kindest Regards,

Hugh Wogan,

EIA Portal team

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta
Department of Housing, Local Government and Heritage

Teach an Chustaim, Baile Átha Cliath 1, D01 W6X0
Custom House, Dublin 1, D01 W6X0

T +353 (0) 1 888 2142

www.gov.ie/housing



**An Roinn Tithíochta,
Rialtais Áitiúil agus Oidhreachta**
Department of Housing,
Local Government and Heritage