



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Matthew Craig <matthew.craig@2rn.ie>

2 August 2023 at 11:28

To: Aileen Byrne <abyrne@jodireland.com>

Cc: Ryan Mitchell <rmitchell@jodireland.com>, windfarms <windfarms@rte.ie>, Johnny Evans <johnny.evans@2rn.ie>

Hi Aileen,

The new Turbine locations do not change our previous assessment of the sites impact:

The proposed windfarm site will have no impact on 2rn's fixed linking.

There is however a risk of interference to broadcast services to viewers receiving from our sites at Drogheda and Clermont Carn.

We would therefore ask that a protocol be signed between 2rn and the developers should the site go ahead.

Regards

Matthew Craig

Project Engineer

Projects and Coverage Planning

2RN

Block B, Cookstown Court, Old Belgard Road, Tallaght, Dublin 24, Ireland

D24 WK28

Phone: + 353 (0) 1 2082261

Mobile: + 353 (0) 87 7509955

From: Aileen Byrne <abyrne@jodireland.com>**Sent:** Friday, July 28, 2023 2:22 PM**To:** windfarms <windfarms@rte.ie>; Matthew Craig <matthew.craig@2rn.ie>**Cc:** Ryan Mitchell <rmitchell@jodireland.com>**Subject:** Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

[CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe]

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Kind regards,

Aileen Byrne

For: Jennings O'Donovan & Partners Limited



Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: +353719161416 Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/> . COMPANY REG. NO. 149104. **Please consider the environment before printing this e-mail.**

2rn Disclaimer: The information in this e-mail is confidential and may be legally privileged. It is intended solely for the addressee. Access to this e-mail by anyone else is unauthorised. If you are not the intended recipient, any disclosure, copying, distribution, or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. Please note that emails to, from and within 2rn may be subject to the Freedom of Information Act 2014 and may be liable to disclosure

Sarah Gallagher

From: Roger Woods <rwoods@cnam.ie> on behalf of Roger Woods
Sent: Thursday 27 July 2023 16:32
To: rmitchell@jodireland.com
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Ryan

Coimisiún na Meán does not perform an in-depth analysis of the effect of wind turbines on FM networks. However, we are not aware of any issues from existing windfarms into existing FM networks. Also, the proposed windfarms are not located close to any existing or planned FM transmission sites.

Regards

Roger

Senior Executive Engineer

*My email address has now changed to rwoods@cnam.ie, please update your address book accordingly.
Tá mo sheoladh ríomhphoist athraithe anois go rwoods@cnam.ie, dá réir sin déan do leabhar seoltaí a uasdátú, le do thoil.*

Coimisiún na Meán | 2-5 Plás Warrington, Baile Átha Cliath D02 XP29, Éire
Coimisiún na Meán | 2-5 Warrington Place, Dublin D02 XP29, Ireland
T: + 353 (0)1 644 1200 | rwoods@cnam.ie



Tá an ríomhphost seo agus aon iatán a ghabhann leis rúnda agus is leis an duine sin amháin a bhfuil siad seolta chuige/chuici a bhaineann siad. Muna duitse an ríomhphost seo, ní ceart é a léamh ná a scaoileadh chuig aon tríú páirtí. Iarrtar ort teachtaireacht a sheoladh chuig an seoltóir nó chuig info@cnam.ie, agus an ríomhphost seo a scrios.

This email and any files transmitted with it are confidential and intended only for the use of the addressee. If you have received this email in error, please notify the sender or info@cnam.ie immediately and delete this email. If you are not the intended recipient, any distribution or copying of this email is strictly prohibited.

Please consider the environment before printing this email

From: Reception CnaM <reception@cnam.ie>
Sent: Thursday, July 27, 2023 3:25 PM
To: Roger Woods <rwoods@cnam.ie>
Subject: FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

From: Ryan Mitchell <rmitchell@jodireland.com>
Sent: Thursday, July 27, 2023 3:23 PM
To: Reception CnaM <reception@cnam.ie>
Cc: Aileen Byrne <abyrne@jodireland.com>
Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as “the Developer”).

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Yours faithfully,



Ryan Mitchell
For: Jennings O'Donovan & Partners Limited

Kind regards
Ryan Mitchell



Head Office

Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)
Tel: [+353719161416](tel:+353719161416) Email: rmitchell@jodireland.com Web: www.jodireland.com



Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104.

Please consider the environment before printing this e-mail.



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon, Co. Louth.

Housing Manager DAU <Manager.DAU@npws.gov.ie>
To: Aileen Byrne <abyrne@jodireland.com>
Cc: Ryan Mitchell <rmitchell@jodireland.com>

31 July 2023 at 14:37

Our Ref: G Pre00169/2023 (Please quote in all related correspondence)

A Chara

I acknowledge receipt of your recent consultation.

In the event of observations, you will receive a co-ordinated heritage-related response by email from Development Applications Unit (DAU).

The normal target turnaround for pre-planning and other general consultations is six weeks from date of receipt. In relation to general consultations from public bodies under the European Communities (Environmental Assessment of Certain Plans and Programmes) Regulations 2004 to 2011, the Department endeavours to meet deadline dates, where requested.

If you have not heard from DAU and wish to receive an update, please email manager.dau@npws.gov.ie.

Regards

Diarmuid

Diarmuid Buttimer

Executive Officer

An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreachta

Department of Housing, Local Government and Heritage

Aonad na nIarratas ar Fhorbairt

Development Applications Unit

Oifigi an Rialtais

Government Offices

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90

Newtown Road, Wexford, County Wexford, Y35 AP90

Diarmuid.Buttimer@npws.gov.ie

Manager.DAU@npws.gov.ie

From: Aileen Byrne <abyrne@jodireland.com>

Sent: Monday 31 July 2023 09:09

To: Housing Manager DAU <Manager.DAU@npws.gov.ie>

Cc: Ryan Mitchell <rmitchell@jodireland.com>

Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

CAUTION: This eMail originated from outside your organisation and the BTS Managed Desktop service. Do not click on any links or open any attachments unless you recognise the sender or are expecting the email and know that the content is safe. If you are in any doubt, please contact the OGCIO IT Service Desk.

[Quoted text hidden]

RECEIVED: 04/12/2024

Louth CC, Planning Department - Viewing Purposes Only

Ryan Mitchell

From: Jonathan Stirland (Housing) <Jonathan.Stirland@housing.gov.ie> on behalf of Jonathan Stirland (Housing)
Sent: Thursday 22 February 2024 14:38
To: rmitchell@jodireland.com
Cc: abyrne@jodireland.com
Subject: G Pre00169/2023 FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

G Pre00169/2023 FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Archaeology

Dear Mr Mitchell and Aileen Byrne

With regard to the above proposed development the Department has reviewed the Scoping document that was prepared in preparation of an Environmental Impact Assessment (EIA) Report for Kellystown Wind Farm, Drumshallon , Co. Louth.

It is noted that the proposed development is large in scale and located within the proximity of a number of Recorded Monuments, which are subject to statutory protection in the Record of Monuments and Places, established under section 12 of the National Monuments (Amendment) Act 1994.

Given the extent and location of the proposed development it could also impact on previously unrecorded subsurface archaeological remains.

In line with national policy, see Section 3.6 of Framework and Principles for the Protection of the Archaeological Heritage 1999, the Department recommends that an Archaeological Impact Assessment (AIA) be carried out that includes the results of an archaeological geophysical survey and archaeological test excavations, as described below, this should be prepared to assess the impact on the archaeological heritage. This assessment should be submitted with any future planning application. This will enable the Planning Authority and this office to prepare an informed archaeological recommendation before a planning decision is taken.

Archaeological Impact Assessment;

1. The applicant is required to engage the services of a suitably qualified archaeologist to carry out an archaeological impact assessment (AIA) of the development site, in relation any Recorded Monument. No sub-surface work should be undertaken until an archaeological assessment has been completed and commented on by this office.
2. The archaeologist should carry out any relevant documentary research and inspect the development site. This assessment shall also define a buffer area or area contiguous with the any recorded monuments which will preserve the setting and visual amenity of the site. No sub-surface work should be undertaken in the absence of the archaeologist without his/her express consent including ground investigations works.
3. A geophysical survey and a programme of test excavations should be carried out at locations chosen by the archaeologist (licensed under the National Monuments Acts 1930-2004), having consulted the site drawings and the

National Monuments Service of this Department. The results of which should be included within the archaeological impact assessment (AIA)

4. Having completed the work, the archaeologist should submit a written report stating their recommendations to the National Monuments Service. Where archaeological material/features are shown to be present, preservation in situ, preservation by record (excavation) or monitoring may be required.

Reason: To ensure the continued preservation (either in situ or by record) of places, caves, sites, features or other objects of archaeological interest.

Kind Regards

Jon

Jon Stirland

Seandálaí - Archaeologist

Seirbhís Séadchomharthaí Náisiúnta - National Monuments Service

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

M +353 (0) 85 747 9528

T +353 (0)1

Email: Jonathan.Stirland@housing.gov.ie



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

2 messages

Ryan Mitchell <rmitchell@jodireland.com>
To: MobileNetworksTXN@eir.ie, john.bagnall@eir.ie
Cc: Aileen Byrne <abyrne@jodireland.com>

27 July 2023 at 15:46

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Yours faithfully,



RECEIVED: 04/12/2024

Ryan Mitchell

For: Jennings O'Donovan & Partners Limited

Kind regards

Ryan Mitchell



Head Office

Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: +353719161416 Email: rmitchell@jodireland.com Web: www.jodireland.com



Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104.

Please consider the environment before printing this e-mail.

 **6918 Kellystown WF - Scoping Report_Final.pdf**
10678K

John Bagnall <john.bagnall@eir.ie>

24 August 2023 at 08:14

To: Ryan Mitchell <rmitchell@jodireland.com>

Cc: MobileNetworksTXN@eir.ie, Aileen Byrne <abyrne@jodireland.com>

Hi Ryan,

We have no transmission links within the proposed area and it has no risk to the network. Best of luck with the development.

Kind regards,

 **John Bagnall**
Transmission Design & Engineering

M: +353 85 1053746

E: john.bagnall@eir.ie

Address: EirCode - D24 HX03

[Quoted text hidden]

The information contained in this e-mail and any files transmitted with it is confidential and may be subject to legal professional privilege. It is intended solely for the use of the addressee(s). If you are not the intended recipient of this e-mail, please note that any review, dissemination, disclosure, alteration, printing, copying or transmission of this e-mail and/or any file transmitted with it, is prohibited and may be unlawful. If you have received this e-mail by mistake, please promptly inform the sender by reply e-mail and delete the material. Whilst this e-mail message has been swept for the presence of computer viruses, eir does not, except as required by law, represent, warrant and/or guarantee that the integrity of this communication has been maintained nor that the communication is free of errors, viruses, interception or interference.

eircom Limited, Registered as a Branch in Ireland Number 907674. Incorporated in Jersey Number 116389. Branch Address: [2022 Bianconi Avenue, Citywest Business Park, Dublin 24, D24 HX03, Ireland.](#)



RECEIVED: 04/12/2024

Ryan Mitchell
Jennings O'Donovan & Partners Limited
Consulting Engineers
Finisklin Business Park,
Sligo

09 August 2023

Re: Preparation of an EIA for Kellystown Wind Farm, Drumshallon, Co Louth

Your Ref: 6918
Our Ref: 23/185

Dear Ryan,

Geological Survey Ireland is the national earth science agency and is a division of the Department of the Environment, Climate and Communications. We provide independent geological information and gather various data for that purpose. Please see our [website](#) for data availability. We recommend using these various data sets, when conducting the EIAR, SEA, planning and scoping processes. Use of our data or maps should be attributed correctly to 'Geological Survey Ireland'.

The publicly available data referenced/presented here, should in no way be construed as Geological Survey Ireland support for or objection to the proposed development or plan. The data is made freely available to all and can be used as independent scientific data in assessments, plans or policies. It should be noted that in many cases this data is a baseline or starting point for further site specific assessments.

With reference to your email received on the 27 July 2023, concerning the Preparation of an EIA for Kellystown Wind Farm, Drumshallon, Co Louth, Geological Survey Ireland would encourage use of and reference to our datasets. Please find attached a list of our publicly available datasets that may be useful to the environmental assessment and planning process. We recommend that you review this list and refer to any datasets you consider relevant to your assessment. The remainder of this letter and following sections provide more detail on some of these datasets.

Geoheritage

A national inventory of geoheritage sites known as County Geological Sites (CGSs) is managed by the Geoheritage Programme of Geological Survey Ireland. CGSs, as adopted under the National Heritage Plan, include sites that are of national importance which have been selected as the very best examples for NHA (Natural Heritage Areas) designation. NHA designation will be completed in partnership with the National Parks and Wildlife Service (NPWS). CGSs are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system. CGSs can be viewed online under the Geological Heritage tab on the online [Map Viewer](#).

The audit for Co. Louth was completed in 2013. The full report details can be found [here](#). Our records show that there are no CGSs within the project boundary of the proposed wind farm development.

Groundwater

Geological Survey Ireland's [Groundwater and Geothermal Unit](#), provides advice, data and maps relating to groundwater distribution, quality and use, which is especially relevant for safe and secure drinking water supplies and healthy ecosystems.

Proposed developments need to consider any potential impact on specific groundwater abstractions and on groundwater resources in general. We recommend using the groundwater maps on our [Map viewer](#) which should include: wells; drinking water source protection areas; the national map suite - aquifer, groundwater vulnerability, groundwater recharge and subsoil permeability maps. For areas underlain by limestone, please refer to the karst specific data layers (karst features, tracer test database; turlough water levels (gwlevel.ie). Background information is also provided in the Groundwater Body Descriptions. Please read all disclaimers carefully when using Geological Survey Ireland data.



The Groundwater Data Viewer indicates an aquifer classed as a 'Poor Aquifer - Bedrock which is Generally Unproductive' underlies the proposed wind farm development.

The Groundwater Vulnerability map indicates the range of groundwater vulnerabilities within the area covered is variable. We would therefore recommend use of the Groundwater Viewer to identify areas of High to Extreme Vulnerability and 'Rock at or near surface' in your assessments, as any groundwater-surface water interactions that might occur would be greatest in these areas.

[GWClimate](#) is a groundwater monitoring and modelling project that aims to investigate the impact of climate change on groundwater in Ireland. This is a follow on from a previous project (GWFlood) and the data may be useful in relation to Flood Risk Assessment (FRA) and management plans. Maps and data are available on the [Map viewer](#).

Geological Survey Ireland has completed Groundwater Protection Schemes (GWPSs) in partnership with Local Authorities, and there is now national coverage of GWPS mapping. A Groundwater Protection Scheme provides guidelines for the planning and licensing authorities in carrying out their functions, and a framework to assist in decision-making on the location, nature and control of developments and activities in order to protect groundwater. **The Groundwater Protection Response overview and link to the main reports is here:** <https://www.gsi.ie/en-ie/programmes-and-projects/groundwater/projects/protecting-drinking-water/what-is-drinking-water-protection/county-groundwater-protection-schemes/Pages/default.aspx>

Geological Mapping

Geological Survey Ireland maintains online datasets of bedrock and subsoils geological mapping that are reliable and accessible. We would encourage you to use these data which can be found [here](#), in your future assessments.

Please note we have recently launched QGIS compatible bedrock (100K) and Quaternary geology map data, with instructional manuals and videos. This makes our data more accessible to general public and external stakeholders. QGIS compatible data can be found in our downloadable bedrock 100k .zip file on the [Data & Maps](#) section of our website.

Geohazards

Geohazards can cause widespread damage to landscapes, wildlife, human property and human life. In Ireland, landslides, flooding and coastal erosion are the most prevalent of these hazards. We recommend that geohazards be taken into consideration, especially when developing areas where these risks are prevalent, and we encourage the use of our data when doing so.

Geological Survey Ireland has information available on landslides in Ireland via the National Landslide Database and Landslide Susceptibility Map both of which are available for viewing on our dedicated [Map Viewer](#). Associated guidance documentation relating to the National Landslide Susceptibility Map is also available.

Geological Survey Ireland also engaged in a national project on Groundwater Flooding. The data from this project may be useful in relation to Flood Risk Assessment (FRA) and management plans, and is described in more detail under 'Groundwater' above.

Natural Resources (Minerals/Aggregates)

Geological Survey Ireland provides data, maps, interpretations and advice on matters related to minerals, their use and their development in our [Minerals section](#) of the website. The Active Quarries, Mineral Localities and the Aggregate Potential maps are available on our [Map Viewer](#).

We would recommend use of the Aggregate Potential Mapping viewer to identify areas of High to Very High source aggregate potential within the area. In keeping with a sustainable approach we would recommend use of our data and mapping viewers to identify and ensure that natural resources used in the proposed wind farm development are sustainably sourced from properly recognised and licensed facilities, and that consideration of future resource sterilization is considered.



Geochemistry of soils, surface waters and sediments

Geological Survey Ireland provides baseline geochemistry data for Ireland as part of the Tellus programme. Baseline geochemistry data can be used to assess the chemical status of soil and water at a regional scale and to support the assessment of existing or potential impacts of human activity on environmental chemical quality. Tellus is a national-scale mapping programme which provides multi-element data for shallow soil, stream sediment and stream water in Ireland. At present, mapping consists of the border, western and midland regions. Data is available at <https://www.gsi.ie/en-ie/data-and-maps/Pages/Geochemistry.aspx>.

Guidelines

The following guidelines may also be of assistance:

- Institute of Geologists of Ireland, 2013. Guidelines for the Preparation of the Soils, Geology and Hydrogeology Chapters of Geology in Environmental Impact Statements.
- [EPA, 2022](#). Guidelines on the information to be contained in Environmental Impact Assessment Reports (EIAR)

Other Comments

Should development go ahead, all other factors considered, Geological Survey Ireland would much appreciate a copy of reports detailing any site investigations carried out. The data would be added to Geological Survey Ireland's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to the Geological Mapping Unit, at <mailto:GeologicalMappingInfo@gsi.ie>, 01-678 2795.

I hope that these comments are of assistance, and if we can be of any further help, please do not hesitate to the Geological Survey Ireland Planning Team at GSIPlanning@gsi.ie.

Yours sincerely,

Geoheritage and Planning Programme

Enc: Table - Geological Survey Ireland's Publicly Available Datasets Relevant to Planning, EIA and SEA processes.



Health Service Executive,
Environmental Health Service,
Unit 1.02, First Floor Southgate,
Dublin Road,
Drogheda,
Co. Louth,

Phone: 041 2152011
E-Mail: marie.mccaffrey@hse.ie

Ryan Mitchell
Jennings O'Donovan & Partners Limited
Consulting Engineers
Finisklin Business Park,
Sligo,
F91 RHH9
rmitchell@jodireland.com

Date: 11th Aug 2023
Name: Ryan Mitchell, Jennings O'Donovan & Partners Limited, Consulting Engineers, Finisklin Business Park, Sligo, F91 RHH9
Consultant's reference: Project No. 6918

Re: EIA Scoping
Proposed development: Kellystown Wind Farm, Co. Louth

Applicant: EDF Renewables Ireland Limited
EHIS Reference: 3326

Dear Ryan,

Please find enclosed the HSE Consultation Report in relation to the above proposal.

The following HSE departments were made aware of the consultation request for the proposed development on 28th July 2023.

- Emergency Planning – Brendan Lawlor
- Estates – Helen Maher/Stephen Murphy
- Director of National Health Protection – Eamonn O'Moore
- CHO – Des O'Flynn

If you have any queries regarding this report please contact Ms. Marie McCaffrey, PEHO, Louth (marie.mccaffrey@hse.ie) in the first instance.

Yours sincerely

A handwritten signature in black ink that reads "Marie McCaffrey".

Marie McCaffrey
Principal Environmental Health Officer

**HSE EIA Scoping
Environmental Health Service Submission Report**

Date: 11th August 2023
Our reference: EHIS 3326
Report to: Ryan Mitchell, Jennings O'Donovan & Partners Limited, Consulting Engineers, Finisklin Business Park, Sligo, F91 RHH9
Type of Consultation: EIA Scoping
Proposed development: Kellystown Windfarm
Applicant: EDF Renewables Ireland Limited

Proposed Development: EDF Renewable Ireland Limited intends to apply to Louth County Council for planning permission for the construction of up to 8 wind turbines, each typically of 6-8 megawatts (MW) with a combined output maximum range of 48 – 64MW. The wind farm will also incorporate a Battery Energy Storage System (BESS) compound with up to 50 MW of electricity storage/discharge potential, comprising an array of several modular battery storage containers. The proposed development will also include planning permission for the construction of an on-site 38kV substation and an underground grid connection to Drybridge 110kV substation, Co. Louth.

The proposed development at Drumshallon, Piperstown, Co. Louth is to be located approximately 3.5km to the southeast of the town of Dunleer, Co. Louth with the underground grid connection to be developed in a southwest direction to the Drybridge substation approximately 7.2km from the proposed development. It has a potential buildable area of approx. 466 ha or 1,151 acres on land that is comprised of pasture farmland, forestry incorporating a mosaic of wetland and scrubland habitats.

General Introduction

The following documents should be taken into consideration when preparing the Environmental Impact Assessment Report:

- Guidelines on the information to be contained in Environmental Impact Assessment Reports (2022), EPA.
- Advice Notes on Current Practice in the preparation of EIS (2003), 435kb
- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment

https://www.housing.gov.ie/sites/default/files/publications/files/guidelines_for_planning_authorities_and_an_bord_pleanála_on_carrying_out_eia_-_august_2018.pdf

EU publication: Environmental Impact Assessment of Projects Guidance on the preparation of the Environmental Impact Assessment Report, EU, 2017

http://ec.europa.eu/environment/eia/pdf/EIA_guidance_EIA_report_final.pdf

Adoption of the Directive (2014/52/EU) in April 2014 initiated a review of the above guidelines. The draft new guidelines can be seen at:

<http://www.epa.ie/pubs/consultation/reviewofdrafteisguidelinesadvicenotes>

Climate Action Plan 2023 CAP 2023 Changing Ireland for the Better, Govt. of Ireland.

Generally, the Environmental Impact Assessment should examine all likely significant impacts and provide the following information for each:

- a) Description of the receiving environment;
- b) The nature and scale of the impact;
- c) An assessment of the significance of the impact;
- d) Proposed mitigation measures;
- e) Residual impacts.

Directive 2014/52/EU has an enhanced requirement to assess likely significant impacts on Population and Human Health. It is the experience of the Environmental Health Service (EHS) that impacts on human health are often inadequately assessed in EIAs in Ireland. It is recommended that the wider determinants of health and well-being are considered in a proportionate manner when considering the EIA. Guidance on wider determinants of health can be found at www.publichealth.ie

In addition to any likely significant negative impacts from the proposed development, any positive likely significant impacts should also be assessed. For example the potential for health gain should be assessed in the context of climate change.

The HSE will consider the final EIAR accompanying the Planning application and will make comments to Louth County Council on the methodology used for assessing the likely significant impacts and the evaluation criteria used in assessing the significance of the impact.

This report only comments on Environmental Health Impacts of the proposed development. It is based on an assessment of the correspondence submitted (cover letter and scoping report) to this office dated on the 27th July 2023.

The Environmental Health Service (EHS) recommends that the following matters are included and assessed in the EIAR

- Public Consultation
- Population and Human Health
- Climate Change and Opportunity for Health Gain

- Siting and location of turbines
- Noise & Vibration
- Shadow Flicker
- Air Quality
- Surface and Groundwater Quality
- Geological Impacts
- Ancillary facilities
- Cumulative impacts

Some comment on selected criteria for inclusion are provided below.

Public Consultation

The full EIAR should demonstrate that the public have been consulted about the proposed development and that the efforts to consult the public are inclusive, to ensure participation from all sections of society potentially affected by the proposed development.

Sensitive receptors and other stakeholders should be identified to ensure all necessary and appropriate mitigation measures are put in place to avoid any complaints about the wind farm development during construction, operation and decommissioning.

The Environmental Impact Assessment Report (EIAR) should clearly demonstrate the link between public consultations and how those consultations have influenced the decision-making process in the EIA.

Population and Human Health

The scoping report indicates that the potential positive and negative impacts of the development on human health will also be considered (pg 21 of the Scoping Report).

The EHS recommends that potentials impacts on human health are assessed in each of the three phases of the proposed development, construction, operations and decommissioning.

Air Quality

In the context of air quality the scoping report indicates that air quality issues are most relevant during the construction phase of the proposed development. Potential effects stem from dust and vehicle exhaust emissions. (pg 52 of the Scoping Report)

Due to the nature of the proposed construction works, generation of airborne dust has the potential to have significant impacts on sensitive receptors. A Construction Environmental Management Plan (CEMP) should be included in the EIAR, which details dust control mitigation measures. Measures should include:

RECEIVED: 04/12/2024

Louth County Council Planning Department - Reviewing Purposes Only

- Sweeping of hard road surfaces
- Provision of a water bowser on site, regular spraying of haul roads
- Wheel washing facilities at site exit
- Restrict speed on site
- Provide covers to all delivery trucks to minimise dust generation
- Inspect and clean public roads in the vicinity if necessary
- Material stockpiling provided with adequate protection from the wind
- Dust monitoring at the site boundary
- Truck inspection and maintenance plan
- Details of a road maintenance agreement between the wind farm operator and the Local Roads Authority to clarify responsibility for the upkeep and repair of access roads during the construction phase of the project

The EIAR should provide details of the baseline air quality in the area of the proposed development and assess the potential effects on sensitive receptors close to the site of construction and along haul routes. The potential impact of using low emission vehicles and machinery should be considered to not only reduce particulate and other air pollutants but also mitigate green house gas emissions from the proposed development during all phases.

Climate Change and Opportunity for Health Gain

The scoping report refers to the susceptibility of the proposed development to the effects of climate change and the contribution of the proposed development to the meeting of targets set out in the Government's Climate Action Plan.

The EIAR should clearly illustrate how the development contributes to obligations under the Climate Action and Low Carbon Development Act 2015 and amendment of 2021 and the most recent Climate Action Plan 2023.

Under Mitigation of Green House Gas emissions the HSE recommends that the EIAR assess the effects of the proposed development at every phase, construction, operation and decommissioning. The construction phase is likely to generate the most emissions and the EIAR should demonstrate how the construction phase will aim to minimise green-house gas emissions. Minimisation of green house gas emissions should extend to 'green procurement'.

Under Adaptation the EIAR should assess adaptation from the two angles of disaster risk reduction and opportunities for health gain. Reference is made in the scoping report to how flood risk is covered in the Hydrology and Hydrogeology Chapter. The EIAR should assess all potential risks from a changing climate including but not limited to severe weather events such as floods, windstorms and dry spells (which may include the risk of forest fires).

The EIAR should further assess the potential health gains the proposed development offers. For example does the development intend to create recreational space for the local population providing health and well-being benefits? Will the development enable locals and staff to engage in active travel thereby impacting positively on cardio vascular health?

Land, Soils and Geology

The scoping report refers to an assessment of land, soils and geology and within that, reference is made to the consideration of ground stability issues.

A detailed assessment of the current ground stability of the site for the proposed wind farm and all proposed mitigation measures should be detailed in the EIAR. The assessment should include

the impact construction work may have on the future stability of ground conditions, taking into consideration extreme weather events, site drainage and the potential for soil erosion.

Information should be provided on the make and model of the turbines and on construction details for the turbine foundations, including the depth and volume of concrete required. An accurate assessment of the potential impacts of the foundations on water quality and peat stability cannot be undertaken without this information.

Reference is made to a peat slide which occurred near Ballybofey in Co. Donegal on November 13th 2020 which may have been linked to construction activity at Meenbog Wind Farm. Potential impacts on water supply associated with contamination following a peat slide include sedimentation and alteration of pH levels.

The Environmental Health Service recommends that a detailed Peat Stability/Geotechnical Assessment should be undertaken to assess the suitability of the soil for the proposed development. The EIAR should include provision for a peat stability monitoring programme to identify early signs of potential bog slides ('pre-failure indicators' see the Scottish Government's 'Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Developments 2017)

<https://www.gov.scot/binaries/content/documents/govscot/publications/advice-and-guidance/2017/04/peat-landslide-hazard-risk-assessments-best-practice-guide-proposed-electricity/documents/00517176-pdf/00517176-pdf/govscot%3Adocument/00517176.pdf>

Hydrology and Hydrogeology

This section of the scoping report assesses the potential for significant effects on surface water and groundwater, the potential risk of flooding and drainage requirements as a result of the development (pg 61 of the Scoping Report). The scoping report indicates that surface waters on the site are ultimately used for drinking water purposes. The scoping report states that the site is not located within a groundwater public supply source of drinking water.

The Environmental Health Service recommends that the EIAR assess the potential impact of the development on surface and ground water quantity and quality. In the context of climate change dry spells/drought should be included as an extreme weather event that contributes to potential vulnerability. Linking to this aspect of adaptation in climate action the EIAR should assess the potential effect of dry spells on the availability of water for drinking water purposes and adapt, through for example, harvesting of rainwater. In the context of flood risk the assessment should examine historical data on flooding events but also model the level of potential flooding events in the context of a climate in Ireland that is warming and potentially wetter including periods of extreme precipitation.

The EHS recommends particular attention is paid to the Battery Energy Storage System (BESS) and put forward mitigation measures that minimise the potential of soil and water pollution.

A Construction Environmental Management Plan (CEMP) should detail actions to be taken that will mitigate the potential impact on surface and ground waters during the construction phase and decommissioning phase of the proposed development.

Noise & Vibration

The scoping report indicates that all noise sensitive receptors within 2km of the nearest turbine will be assessed for potential impact. The focus here is on operational noise with noise during

construction and decommissioning being regarded as temporary and unlikely to result in significant effects given the distance to nearest receptors.

The potential impacts for noise and vibration from all phases of the proposed development on all noise sensitive locations must be clearly identified in the EIAR. The EIAR must also consider the appropriateness and effectiveness of all proposed mitigation measures to minimise noise and vibration. A Construction Environmental Management Plan (CEMP) detailing mitigation measures to limit effect on noise sensitive receptors should be included in the EIAR and include mitigation along haul routes.

Shadow Flicker

The scoping report defines the study area of shadow flicker as all houses with 10 rotor diameters of a turbine (1,600 m with a rotor diameter of 160m), but expanded out to cover a distance of 2km.

It is recommended that a shadow flicker assessment is undertaken to identify any houses/dwellings and sensitive receptors which may be impacted by shadow flicker. The assessment must include all proposed mitigation measures. Dwellings should include all occupied properties and any existing or proposed properties for which planning consent has been granted for construction or refurbishment.

It is recommended that turbine selection will be based on the most advanced available technology that permits shut down during times when residents are exposed to shadow flicker. As a result no dwelling should be exposed to shadow flicker.

Ancillary Facilities

The EIAR should include details of the on-site infrastructure covering items such as site office, fuel storage depot, sanitary accommodation and canteen, First Aid facilities, disposal of wastewater and the provision of a potable water supply.

Cumulative Impacts

All existing or proposed wind farm developments in the vicinity should be clearly identified in the EIAR.

The impact on sensitive receptors of the proposed development combined with any other wind farm developments in the vicinity should be considered. The EIAR should include a detailed assessment of any likely significant cumulative impacts of the proposed renewable energy development.



Niall Roche

Oifigeach Sláinte Comhshaoil - Environmental Health Officer

Timpeallacht/Athrú Aeráide, Aonad Tacaíochta Líonra - Environment/Climate Change, Network Support Unit (NSU)



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Planning <planning@iaa.ie>

25 August 2023 at 15:52

To: Ryan Mitchell <rmitchell@jodireland.com>, Planning <planning@iaa.ie>

Cc: Aileen Byrne <abyrne@jodireland.com>

Dear Mr Mitchell,

Thank you for your scoping report and request for comments in relation to the proposed Kellystown Wind Farm, Drumshallon , Co. Louth..

The development appears to be approximately 38km North of Dublin Airport, as such, it is recommended that the developer engage directly with daa Dublin Airport and the Air Navigation Service Provider Airnav Ireland to make them aware of the proposal and ensure appropriate screening from an aviation safety perspective.

It is likely that the following general observations would be proffered by the Authority during a formal planning process:

In the event of planning consent being granted, the applicant should be conditioned to contact the Irish Aviation Authority to:

- (1) agree an aeronautical obstacle warning light scheme for the wind farm development,
- (2) provide as-constructed coordinates in WGS84 format together with ground and blade tip height elevations at each wind turbine location and
- (3) notify the Authority of intention to commence crane operations with at least 30 days prior notification of their erection.

Kind regards,

Dave

From: Ryan Mitchell <rmitchell@jodireland.com>**Sent:** 27 July 2023 16:13**To:** Planning <planning@iaa.ie>**Cc:** Aileen Byrne <abyrne@jodireland.com>**Subject:** Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

*** This message originated from outside the Irish Aviation Authority. Please treat hyperlinks, attachments and instructions in this email with caution. ***

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Yours faithfully,



Ryan Mitchell

For: Jennings O'Donovan & Partners Limited

Kind regards

Ryan Mitchell



RECEIVED: 04/12/2024

Head Office

Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: +353719161416 Email: rmitchell@jodireland.com Web: www.jodireland.com



Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104.

Please consider the environment before printing this e-mail.

=====

===== PLEASE consider the environment;
 PRINT ONLY when necessary! DISCLAIMER: This message contains information that is confidential, may be privileged and is the property of The Irish Aviation Authority (IAA). If you are not the intended recipient, you may not use this email or the information it contains. If you are not the intended recipient please notify the sender immediately and delete all copies of this message. Thank you. This email message has been swept for the presence of computer viruses. Internet Emails are not necessarily secure. The IAA accepts no responsibility for malicious content such as viruses or for changes made to this message after it was sent.

Registered Office: The Times Building, 11-12 D'Olier Street, Dublin 2.
 D02 T449 Registered Number: 211082 Place of Registration: Ireland A limited liability company

=====

=====

Louth CC - Planning Department - Planning Purposes Only



Iascaigh Iníre Éireann
Inland Fisheries Ireland

Ryan Mitchell,
Jennings O'Donovan and Partners Ltd.

Email: rmitchell@jodireland.com

15th September, 2023

Re: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment for - Kellystown Windfarm, Drumshallon, Co. Louth

Dear Sir/Madam,

We refer to your correspondence regarding the above-mentioned request for scoping opinion on Kellystown Windfarm, Drumshallon, Co. Louth.

Inland Fisheries Ireland (IFI) is a statutory agency responsible for inland fisheries in Ireland. Under section 7(1) of the Inland Fisheries Act 2010 (No. 10 of 2010) *the principal function of IFI is the protection, management and conservation of the inland fisheries resource.*

There are two river catchments located in the wind farm site footprint, namely the Termonfeckin River and the Slieveboy River. These rivers support stocks of brown trout and sea trout among other species in their lower reaches.

The WFD Ecological status of the watercourses are as follows:
Termonfeckin_010 Poor and At Risk of not achieving Good status.
Slieveboy_010 Moderate with the Risk status to be reviewed.

All the waters referred to have, in the context of the proposed development, the potential to convey deleterious matter from the works such as silt, concrete, fuel, lubricating fuels and oils from construction plant and equipment downstream unless proper safeguards are in place.

Silt can clog salmonid spawning beds, and juvenile salmonids are particularly sensitive to siltation of gill structures. Similarly, plant and macroinvertebrate communities can be blanketed over, and this can lead to loss or degradation of valuable habitat. It is important to incorporate best practices into construction methods and strategies to minimise discharges of silt/suspended solids to waters.

Uncured concrete can kill fish and macroinvertebrates by altering the pH of the water. Pre-cast concrete should be used whenever possible, to eliminate the risk to all forms of aquatic life. When cast-in-place concrete is required, all work must be done in the dry and effectively isolated from any water that may enter the drainage network for a period sufficient to cure the concrete. Concrete delivery vehicles should be precluded from washing out at locations which would result in a discharge to surface waters. Specific controlled and environmentally safe vehicle washout areas must be provided. If cement is stored on site during construction work, it should be held in a dry secure area when not in use.

All oils and fuels should be stored in secure bunded areas and particular care, and attention should be taken during refuelling and maintenance operations on plant and equipment. Bunding should be designed to recommended standards. All plant and equipment should carry oil fuel spill kits. Where temporary diesel or petrol driven pumps are required, they should be sited within portable temporary bunded units. Where site works involve the discharge of drainage water to receiving rivers and streams, temporary oil interceptor facilities should be installed and maintained.



Iascaich Iníre Éireann
Inland Fisheries Ireland

Permanent or temporary watercourse crossings on site have the potential to have a negative impact on fisheries habitats. All crossings should be designed to replicate existing conditions to ensure no alteration to hydraulic characteristics, which can hinder the passage of fish and other aquatic fauna.

The underground grid connection is likely to involve river/streams along the route. While the route is not included in the scoping document IFI would like to take the opportunity to point out that our preferred method is by way of trenchless crossings, which avoids impacting on the fisheries resource and as a result works do not have to be confined to the July-September period for instream works. Open cut or trench type crossings will generally be limited to the period July to September. IFI guidelines include requirements for both trenchless and open cut crossings. The guidance document *Guidelines on protection of fisheries during construction works in and adjacent to waters* can be accessed on our website www.fisheriesireland.ie

In the event of the project proceeding, it is the responsibility of the developer and the contractors to ensure that works will not give rise to a discharge of deleterious or polluting matter to waters.

At all times the precautionary principle should be applied throughout for the entire development.

Particular attention should be paid to the various environmental directives including the Water Framework Directive, the Habitat and Birds Directives, the Fisheries Acts in particular, and the Local Government (Water Pollution) Acts. Other environmental legislation should be considered as appropriate.

Yours faithfully,

Michaela Kirrane,
Senior Fisheries Environmental Officer, IFI Dublin

CC Noel McGloin, SFEO, IFI Dublin



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Anne D Callan <anned.callan@louthcoco.ie>

15 August 2023 at 11:36

To: "abyrne@jodireland.com" <abyrne@jodireland.com>

Cc: Frances Hodggers <Frances.Hodgers@louthcoco.ie>, Joanna Kelly <Joanna.Kelly@louthcoco.ie>, Patricia Hughes <Patricia.Hughes@louthcoco.ie>

Dear Aileen

I have been advised to inform you that if below is a formal scoping request under S176CA of the Planning Act it needs to be sent to the Planning Section and not Tourism, in Louth County Council.

It may be sent by post to: Planning Section, Louth County Council, Crowe Street, Dundalk or to planninggroup@louthcoco.ie

You should note that Article 95 of the Regulations has a very prescriptive procedure for dealing with formal requests and statutory timelines i.e. 7 weeks.

The formal request also needs to set out under what part of the Act it is seeking the scoping opinion as the Planning Authority will have to notify prescribed bodies.

If you have any queries please feel free to contact the Planning Group on the above address.

Kind Regards

Anne

From: Aileen Byrne [<mailto:abyrne@jodireland.com>]**Sent:** Friday 28 July 2023 14:32**To:** Tourism**Cc:** Ryan Mitchell**Subject:** Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Kind regards,

Aileen Byrne

For: Jennings O'Donovan & Partners Limited



Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: +353719161416 Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/> . COMPANY REG. NO. 149104. **Please consider the environment before printing this e-mail.**

Le do thoil cuimhnigh ar an imshaol roimh priontáil an ríomhphost seo. Tá an ríomhphost seo (agus aon iatán a ghabhann leis) príobháideach agus rúnda agus d'fhéadfadh go mbeadh eolas inti atá faoi phribhléid dlíthúil. Ní ceadmhach úsáid an ríomhphost seo d'éinne ach don té ar seoladh chuige é. Munar duit an ríomhphost seo nó an té atá freagrach as é a sheoladh, tá cosc ar chóipeáil agus ar sheachadadh an ríomhphost seo agus aon iatán a ghabhann leis chuig éinne nó úsáid a bhaint as a bhfuil ann; ní ceart an ríomhphost seo nó aon iatán a léamh. D'fhéadfadh do mbeadh cosc iomlán dlíthúil ar sceitheadh nó comhfhreagras nó aon úsáid eile gan chead ar a bhfuil sa ríomhphost seo agus d'fhéadadh sé a bheith ina chion coiriúil.

Please consider the environment before printing this eMail. The contents of this e-mail (including attachments) are private and confidential and may also be subject to legal privilege. It is intended only for the use of the addressee. If you are not the addressee, or the person responsible for delivering it to the addressee, you may not copy or deliver this e-mail or any attachments to anyone else or make any use of its contents; you should not read any part of this e-mail or any attachments. Unauthorised disclosure or communication or other use of the contents of this e-mail or any part thereof may be prohibited by law and may constitute a criminal offence.

Follow us on Twitter [@louthcoco](https://twitter.com/louthcoco)



Aileen Byrne <abyrne@jodireland.com>

Automatic reply: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Planning Enquiries <PEnquiries@meathcoco.ie>
To: Aileen Byrne <abyrne@jodireland.com>

28 July 2023 at 14:35

Dear Sir/ Madam

The Planning Department acknowledges receipt of your email and a response will issue in due course.

If your email refers to any of the following, please see our website, accessible through the links below, for information.

Development Management

[A request for pre-planning](#)

[How to apply for planning permission](#)

[Viewing a planning application online](#)

[How to make a submission on a planning application](#)

[Exempted Developments](#)

[Development Contributions](#)

Forward Planning

[Meath County Development Plan 2021-2027](#)

[How to make a submission on a current public consultation](#)

Planning Compliance

[How to submit compliance requested as a condition of planning permission to \[planningcompliance@meathcoco.ie\]\(mailto:planningcompliance@meathcoco.ie\)](#)

Taking-in-Charge of a Roads/Estates

Planning Enforcement

[Reporting an alleged unauthorised Development](#)

Vacant Sites

Yours sincerely

Planning Department

Meath County Council

Tel: 046 9097500

RECEIVED: 04/12/2024

Louth CC, Planning Department - Viewing Purposes Only!



Mr. Ryan Mitchell,
Jennings O'Donovan & Partners LTD.,
Project, Civil and Structural Consulting Engineers,
Finisklin Business Park,
Sligo,
Ireland.

By email 23 August 2023

Kellystown Windfarm Proposal

Without Prejudice

Dear Mr. Mitchell,

I refer to your e-mail dated 27 July 2023, in relation to the Kellystown Windfarm development located in Drumshallon Co. Louth.

I wish to advise at the outset that any determination in relation to a planning consent is solely a matter for the planning authorities and/or ABP, as appropriate. Therefore, the following observations are made on a non-prejudicial basis, and are not intended to be used to rely on for a prospective planning application, nor are these observations to be relied on in the event of any commercial transaction pertaining to such lands and they are not to be relied on in the event of any contract exchange pertaining to same.

As a matter of practice, the Department of Defence does not provide observations or advice in the scoping process, except where the relevant parties have been directed by a planning authority to seek the Department's views. The following observations are based solely on the material provided by you and should be read in that context only. It should be noted that additional or supplemental observations may be made at the formal planning process.

Having consulted with the relevant military authorities the Department wishes to make the following observations:

1. The Minister for Defence is responsible for the regulation of military aviation, whereas the Irish Aviation Authority (IAA) is responsible for the safety regulation of civil aviation including aerodromes. The IAA does not have remit for military aviation or installations. Safeguarding of military flight operations and installations is intended to protect both current and future aircraft operations and



RECEIVED: 04/12/2024
Louth County Council - Planning Department - Viewing Purposes Only

to take account of the security requirements associated with some of those operations.

2. The Department of Defence opposes the erection of wind farms or other obstacles which will affect the ability of the Irish Air Corps to train and operate in a safe and economic manner. Based on the information provided by Jennings O'Donovan, the proposed windfarm lies within 3NM of the M1/N1 identified as a critical route which could affect Air Corps' ability to access regional areas.
3. If this proposed development was to go to the planning stage, the Department of Defence would be obligated to raise the above concern and advise the planning authorities accordingly.
4. Any IAC requirements including obstacle lighting are separate to Irish Aviation Authority (IAA) requirements.

Nothing in the above observations shall be taken as a binding response by the Minister for Defence in the event that a planning application is made. The Minister reserves the right to comment on an actual planning application as and when it is submitted in accordance with the provisions of the planning regulatory code.

We would appreciate if you could keep us informed on any progress relating to this proposed development, in particular if this development was to progress to the pre-planning stage.

Yours sincerely

Gillian Holden
Property Management Branch
Department of Defence
Station Road
Newbridge
Co. Kildare W12 AD93

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Shane Hayes <shane.hayes@opw.ie>
To: "abyrne@jodireland.com" <abyrne@jodireland.com>

Hello Aileen.

I am the OPW Area Engineer for the area that includes Louth.

I have been on leave a lot of the summer, not sure if you have received a response from the OPW.

My main concern is that the proposed development may be adjacent to OPW maintainable channels see below.

Also any bridge/culverts will require Section 50 consent from the OPW in advance.

Polygon areas indicate benefitting lands, areas at flood risk.

Sect 50 app form and brochure attached.

Regards

Shane



Shane Hayes CEng MIEI
Eastern Drainage Maintenance

Oifig na nOibreacha Poiblí

Office of Public Works

An Baile Nua, Baile Átha Troim, Co na Mí, C15 K8V0
Newtown, Trim, Co Meath, C15 K8V0

M +353 87 262 7583 T +353 46 942 2560
<https://gov.ie/opw>

To send me files larger than 30MB, please use the link below <https://filetransfer.opw.ie/filedrop/shane.hayes@opw.ie>

Email Disclaimer: <https://www.gov.ie/en/organisation-information/439daf-email-disclaimer/>

From: Drainage Admin <drainage.admin@opw.ie>
Sent: Monday 31 July 2023 16:02
To: Aidan Harney <aidan.harney@opw.ie>
Cc: Shane Hayes <shane.hayes@opw.ie>
Subject: FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co.

Hi Aidan,

Please see email below and attachments on Casetracker,

Reference number; 299-2023.

Please let me know if you would like to issue any comments/observations.

Kind regards,

Sarah

From: Info Opw <info@opw.ie>
Sent: Monday 31 July 2023 10:32
To: Drainage Admin <drainage.admin@opw.ie>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co.

Please see attached as requested.

Regards..

Alex

Communications

Oifig na nOibreacha Poiblí
Office of Public Works

Sráid Jonathan Swift, Baile Átha Troim, Co na Mí, C15 NX36
Jonathan Swift Street, Trim, Co Meath, C15 NX36

T +353 46 942 6000
<https://gov.ie/opw>

Email Disclaimer: <https://www.gov.ie/en/organisation-information/439daf-email-disclaimer/>

From: Drainage Admin <drainage.admin@opw.ie>
Sent: Friday 28 July 2023 15:50
To: Info Opw <info@opw.ie>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co.

Hi Alex

Thank you for your email.

We cannot access the file transfers could you send them as pdf's please?

Kind regards,

Sarah

From: Info Opw <info@opw.ie>
Sent: Friday 28 July 2023 14:26
To: Drainage Admin <drainage.admin@opw.ie>; Library <library@opw.ie>
Subject: FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co.

Please see below and attached for your attention.

Regards,
Alex

Files attached to this message

Filename	Size	Checksum (SHA256)
6918 Kellystown WF - Scoping Report_Final.pdf	10.4 MB	8d4167ff32a3f7f65225952a7c1d186a5389cca95d95341cf9b4b112584e4670

Please click on the following link to download the attachments: <https://filetransfer.opw.ie/message/pvh81NrraSEMvoSMzizXmR>

This email or download link can not be forwarded to anyone else.

The attachments are available until: **Friday, 25 August.**

Message ID: pvh81NrraSEMvoSMzizXmR

Communications

Oifig na nOibreacha Poiblí
Office of Public Works

Sráid Jonathan Swift, Baile Átha Troim, Co na Mí, C15 NX36
Jonathan Swift Street, Trim, Co Meath, C15 NX36

T +353 46 942 6000
<https://www.gov.ie/opw>

Email Disclaimer: <https://www.gov.ie/en/organisation-information/439daf-email-disclaimer/>

From: Aileen Byrne <abyrne@jodireland.com>
Sent: Friday 28 July 2023 14:22
To: Info Opw <info@opw.ie>
Cc: Ryan Mitchell <rmitchell@jodireland.com>
Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth

This email has been scanned by the OPW Secure Email Gateway and contains terms which may relate to invoices or payments.

Please pay particular attention to email that is unexpected. If in doubt please forward any suspicious emails to icthelpdesk@opw.ie

[Quoted text hidden]



3 attachments

- 6918 Kellystown WF - Scoping Report_Final_compressed.pdf
3248K
- Section 50 Application Forms - pdf.pdf
166K
- Section 50 Brochure.pdf
579K



Aileen Byrne <abyrne@jodireland.com>

RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Drainage Admin <drainage.admin@opw.ie>
To: "abyrne@jodireland.com" <abyrne@jodireland.com>

29 August 2023 at 17:23

Dear Aileen,

I refer to your email dated 28/07/2023 in relation to the above project seeking comments or observations from this office.

Please find attached observations/comments from the OPW's Eastern Regional Office.

Kind regards,

Sarah

Sarah Roche
Flood Projects Management

Oifig na nOibreacha Poiblí
Office of Public Works

Sráid Jonathan Swift, Baile Átha Troim, Co na Mí, C15 NX36
Jonathan Swift Street, Trim, Co Meath, C15 NX36

T +353 41 980 9950
<https://gov.ie/opw>

To send me files larger than 30MB, please use the link below <https://filetransfer.opw.ie/filedrop/sarah.roche@opw.ie>

Email Disclaimer: <https://www.gov.ie/en/organisation-information/439daf-email-disclaimer/>

4 attachments

335-2023 - EIA Scoping Report - Kellystown Wind Farm, Co. Louth - Standard Observations (S.50 DD).docx
62K



Past-Flood-Summary-Report.pdf

293K



299-2023 Kellystown Wind Farm, Co. Louth.docx

63K



299-2023_Drainage Map.docx

2500K

RECEIVED: 04/12/2024

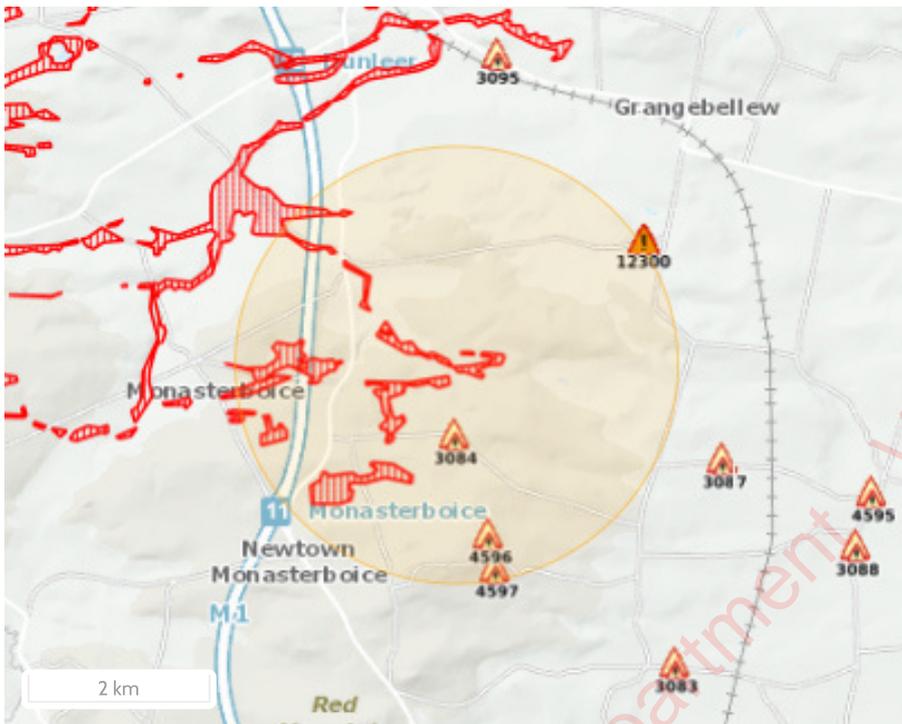
Louth CC, Planning Department - Viewing Purposes Only!



Report Produced: 29/8/2023 16:11

This Past Flood Event Summary Report summarises all past flood events within 2.5 kilometres of the map centre.

This report has been downloaded from www.floodinfo.ie (the "Website"). The users should take account of the restrictions and limitations relating to the content and use of the Website that are explained in the Terms and Conditions. It is a condition of use of the Website that you agree to be bound by the disclaimer and other terms and conditions set out on the Website and to the privacy policy on the Website.



Map Legend

- Single Flood Event
- Recurring Flood Event
- Past Flood Event Extents
- Drainage Districts Benefited Lands*
- Land Commission Benefited Lands*
- Arterial Drainage Schemes Benefited Lands*

* Important: These maps do not indicate flood hazard or flood extent. Their purpose and scope is explained on Floodinfo.ie

3 Results

	Name (Flood_ID)	Start Date	Event Location
1.	Carricknashanagh Recurring (ID-3084) Additional Information: Reports (2) Press Archive (0)	n/a	Approximate Point
2.	Fieldstown Recurring (ID-4596) Additional Information: Reports (2) Press Archive (0)	n/a	Approximate Point
3.	Hammondstown Recurring (ID-4597) Additional Information: Reports (2) Press Archive (0)	n/a	Approximate Point

Sarah Gallagher

From: Aileen Byrne <abyrne@jodireland.com> on behalf of Aileen Byrne
Sent: Wednesday 2 August 2023 11:35
To: Matthew Craig
Cc: Ryan Mitchell; windfarms; Johnny Evans
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Matthew,

Thank you for your response.

Kind regards,

Aileen Byrne
Junior Environmental Scientist

From: Matthew Craig <matthew.craig@2rn.ie>
Sent: Wednesday, August 2, 2023 11:28 AM
To: Aileen Byrne <abyrne@jodireland.com>
Cc: Ryan Mitchell <rmitchell@jodireland.com>; windfarms <windfarms@rte.ie>; Johnny Evans <johnny.evans@2rn.ie>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Aileen,

The new Turbine locations do not change our previous assessment of the sites impact:

The proposed windfarm site will have no impact on 2rn's fixed linking.

There is however a risk of interference to broadcast services to viewers receiving from our sites at Drogheda and Clermont Carn.

We would therefore ask that a protocol be signed between 2rn and the developers should the site go ahead.

Regards

Matthew Craig

Project Engineer
Projects and Coverage Planning
2RN
Block B, Cookstown Court, Old Belgard Road, Tallaght, Dublin 24, Ireland
D24 WK28
Phone: + 353 (0) 1 2082261
Mobile: + 353 (0) 87 7509955

From: Aileen Byrne <abyrne@jodireland.com>
Sent: Friday, July 28, 2023 2:22 PM
To: windfarms <windfarms@rte.ie>; Matthew Craig <matthew.craig@2rn.ie>
Cc: Ryan Mitchell <rmitchell@jodireland.com>
Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

[CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe]

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Kind regards,

Aileen Byrne

For: Jennings O'Donovan & Partners Limited



Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)
Tel: +353719161416 Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104. Please consider the environment before printing this e-mail.

2rn Disclaimer: The information in this e-mail is confidential and may be legally privileged. It is intended solely for the addressee. Access to this e-mail by anyone else is unauthorised. If you are not the intended recipient, any disclosure, copying, distribution, or any action taken or omitted to be taken in reliance on it, is prohibited and may be unlawful. Please note that emails to, from and within 2rn may be subject to the Freedom of Information Act 2014 and may be liable to disclosure



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Customer Service <Customer.Service@tcagsm.gov.ie>

28 July 2023 at 14:34

To: Ryan Mitchell <rmitchell@jodireland.com>

Cc: "abyrne@jodireland.com" <abyrne@jodireland.com>, Customer Service <Customer.Service@tcagsm.gov.ie>, "Manager.DAU@housing.gov.ie" <Manager.DAU@housing.gov.ie>, pleanailteanga <pleanailteanga@tcagsm.gov.ie>

Thank you for contacting Customer Service in the Department of Tourism, Culture, Arts, Gaeltacht, Sport and Media.

Planning matters in general fall within the remit of [the Department of Housing, Local Government and Heritage](#). Please note that following the coming into force of the [Planning and Development, Heritage and Broadcasting \(Amendment\) Act 2021 \(Act 11 of 2021\)](#) all Heritage functions previously held by the Department of Culture, Heritage and the Gaeltacht are now held by that Department.

The **Development Applications Unit** may be contacted at Manager.DAU@housing.gov.ie (copied above).

Gaeltacht Areas

The Department of Tourism, Culture, Arts, Gaeltacht, Sport and Media is a notice party under section 28(1) of the Planning and Development Regulations 2001 in relation to any planning application in an area where the proposed development could – in the view of the local Planning Authority – have a material impact on the linguistic and cultural heritage of the Gaeltacht, including the promotion of Irish as the community language. Such developments must be brought to the attention of the Department. Relevant documentation in relation to such planning applications should be submitted to pleanailteanga@tcagsm.gov.ie (copied above).

[Quoted text hidden]

Tá an t-eolas sa ríomhphost seo faoi rún, chomh maith le gach comhad atá ceangailte leis, agus i gcomhair úsáid an duine nó an chórais a bhfuil sé dírithe air amháin. Má fhaigheann tú an ríomhphost seo trí bhotún, cuir scéal chugainn ag webmaster@tcagsm.gov.ie. Tá an ríomhphost seo arna sheiceáil ag scanóir víreas agus dealramh air go bhfuil sé glan.

The information in this email, and any attachments transmitted with it, are confidential and are for the intended recipient only. If you receive this message in error, please notify us via webmaster@tcagsm.gov.ie. This e-mail has been scanned by a virus scanner and appears to be clean.

 **6918 Kellystown WF - Scoping Report_Final.pdf**
10678K



Aileen Byrne <abyrne@jodireland.com>

RE: EXTERNAL MAIL:- Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

1 message

Thomas Barry <Tom.Barry@tetraireland.ie>
To: Aileen Byrne <abyrne@jodireland.com>, Info <info@tetraireland.ie>
Cc: Ryan Mitchell <rmitchell@jodireland.com>

14 August 2023 at 07:18

Aileen,

We anticipate no impact from the development as proposed. Can you ensure it is also reviewed by eir.

Regards,

Tom

From: Aileen Byrne [mailto:abyrne@jodireland.com]

Sent: 28 July 2023 14:26

To: Thomas Barry; Info

Cc: Ryan Mitchell

Subject: EXTERNAL MAIL:- Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

**CAUTION: This mail is from outside Tetra.
Do NOT click suspicious links.
Do NOT click or download suspicious attachments.**

Dear Sir/Madam

??

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as ???the Developer???)

??

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

??

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 ??? 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

??

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR.?? Accordingly, we enclose a copy of a Scoping Document for your consideration.?? We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

??

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

??

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

??

??

??

Kind regards,

??

Aileen Byrne

??

For: Jennings O'Donovan & Partners Limited

??



??

Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: [+353719161416](tel:+353719161416) Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/> . COMPANY REG. NO. 149104. **Please consider the environment before printing this e-mail.**

??

??

??

??

??

??

Privacy Notice: This message contains confidential information and is intended only for the intended recipients. If you are not an intended recipient you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version. F MAYNE (UK), K MAHER (US), O HENKEN (GE) REGISTERED IN IRELAND NO.406355, PRIVATE COMPANY LIMITED BY SHARES REGISTERED OFFICE: C/O LAW DEBENTURE (IRELAND) LIMITED, [38/39 FITZWILLIAM SQUARE WEST, DUBLIN 2, D02 NX53](#)

RECEIVED: 04/01/2024
Louth CC, Planning Department - Viewing Purposes Only

Sarah Gallagher

From: Aileen Byrne <abyrne@jodireland.com> on behalf of Aileen Byrne
Sent: Monday 31 July 2023 16:35
To: David Montgomery
Cc: Sean Kelly; Monika Biniaszewska; Ryan Mitchell
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Dave,

Thank you for the quick response.

Kind regards,

Aileen Byrne
Junior Environmental Scientist

From: David Montgomery <David.Montgomery@three.ie>
Sent: Monday, July 31, 2023 4:34 PM
To: Aileen Byrne <abyrne@jodireland.com>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; Monika Biniaszewska <Monika.Biniaszewska@three.ie>; Ryan Mitchell <rmitchell@jodireland.com>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Aileen,

Thanks for that. None of these positions will have an impact on our transmission network.

Regards,

Dave

From: Aileen Byrne <abyrne@jodireland.com>
Sent: Monday, July 31, 2023 4:02 PM
To: David Montgomery <David.Montgomery@three.ie>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; Monika Biniaszewska <Monika.Biniaszewska@three.ie>; Ryan Mitchell <rmitchell@jodireland.com>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

CAUTION! External Email.

Hi Dave,

Please see attached turbine positions KML.

Kind regards,

Aileen Byrne

Junior Environmental Scientist

From: David Montgomery <David.Montgomery@three.ie>
Sent: Monday, July 31, 2023 3:40 PM
To: Aileen Byrne <abyrne@jodireland.com>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; Monika Biniaszewska <Monika.Biniaszewska@three.ie>
Subject: RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Aileen,

Would you have these positions in a KLM Google Earth file?

Thanks,

Dave

From: Sean Kelly <Sean.Kelly2@three.ie>
Sent: Monday, July 31, 2023 8:50 AM
To: Monika Biniaszewska <Monika.Biniaszewska@three.ie>; David Montgomery <David.Montgomery@three.ie>
Subject: FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi guys,

Can you add this windfarm review to your work stack.

Thanks,
Sean.

From: Ross Murray <Ross.Murray@three.ie>
Sent: Monday, July 31, 2023 7:41 AM
To: Sean Kelly <Sean.Kelly2@three.ie>
Subject: FW: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Hi Sean

Can you send this to whoever deals with that area?

Thanks

Ross



Ross Murray
Estates

0833301422
ross.murray@three.ie



RECEIVED: 04/12/2024



From: Aileen Byrne <abyrne@jodireland.com>
Sent: Friday, July 28, 2023 2:30 PM
To: DL Estates ROI <Estates@three.ie>
Cc: Ryan Mitchell <rmitchell@jodireland.com>
Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

CAUTION! External Email.

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as “the Developer”).

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Kind regards,

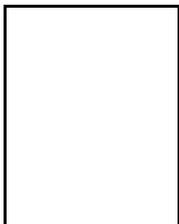
Aileen Byrne

For: Jennings O'Donovan & Partners Limited



Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)
Tel: +353719161416 Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104. **Please consider the environment before printing this e-mail.**



Three Ireland

28/29 Sir John Rogerson's Quay, Dublin 2, Ireland.

www.three.ie 

This e-mail message (including any attachment) is intended only for the personal use of the recipient(s) named above. This message is confidential and may be legally privileged. If you are not an intended recipient, you may not review, copy or distribute this message. If you have received this communication in error, please notify us immediately by e-mail and delete the original message. Any views or opinions expressed in this message are those of the author only. Three Ireland (Hutchison) Limited is a company registered in Ireland with company number 316982. Registered Office 28/29 Sir John Rogerson's Quay, Dublin 2, Ireland. Three Ireland Services (Hutchison) Limited is a company registered in Ireland with company number 234895. Registered Office 28/29 Sir John Rogerson's Quay, Dublin 2, Ireland. Furthermore, this message (including any attachment) does not create any legally binding rights or obligations whatsoever, which may only be created by the exchange of hard copy documents signed by a duly authorized representative(s) of Three Ireland (Hutchison) Limited or Three Ireland Services (Hutchison) Limited.



Three Ireland

28/29 Sir John Rogerson's Quay, Dublin 2, Ireland.

www.three.ie 

This e-mail message (including any attachment) is intended only for the personal use of the recipient(s) named above. This message is confidential and may be legally privileged. If you are not an intended recipient, you may not review, copy or distribute this message. If you have received this communication in error, please notify us immediately by e-mail and delete the original message. Any views or opinions expressed in this message are those of the author only. Three Ireland (Hutchison) Limited is a company registered in Ireland with company number 316982. Registered Office 28/29 Sir John Rogerson's Quay, Dublin 2, Ireland. Three Ireland Services (Hutchison) Limited is a company registered in Ireland with company number 234895. Registered Office 28/29 Sir John Rogerson's Quay, Dublin 2, Ireland. Furthermore, this message (including any attachment) does not create any legally binding rights or obligations whatsoever, which may only be created by the exchange of hard copy documents signed by a duly authorized representative(s) of Three Ireland (Hutchison) Limited or Three Ireland Services (Hutchison) Limited.

RECEIVED 12/12/2024
Louth CC, Planning Department - Viewing Purposes Only



Aileen Byrne <abyrne@jodireland.com>

TII23-123898 - Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon, Co. Louth.

INFO <Information@tii.ie>

28 August 2023 at 15:10

To: "abyrne@jodireland.com" <abyrne@jodireland.com>

A Chara,

Thank you for your email of 28 July 2023 regarding the above scoping request. The position in relation to your request is as follows.

Transport Infrastructure Ireland (TII) wishes to advise that it is not in a position to engage directly with planning applicants concerning proposed developments. TII will endeavour to consider and respond to planning applications that are referred to it, given its status and duties as a statutory consultee under the planning acts. The approach to be adopted by TII in making such submissions or comments will seek to uphold official national road policy in the spatial planning and national roads guidelines for planning authorities (DoECLG, 2012). Regard should also be had to other relevant guidance available at www.TII.ie.

The issuing of this correspondence is provided as best practice guidance only and does not prejudice TII's statutory right to make any observations, requests for further information, objections or appeals following the examination of any valid planning application referred.

Concerning EIAR scoping issues, the recommendations indicated below provide only general guidance for the preparation of an EIAR, which may affect the national road network.

The developer/scheme promoter should have regard, inter alia, to the following:

- Consultations should be had with the relevant local authority/national roads design office about locations of existing and future national road schemes,
- TII would be specifically concerned with the potential significant impacts the development would have on the national road network (and junctions with national roads) in the proximity of the proposed development,
- The developer should assess the visual impacts of existing national roads,
- The developer should have regard to any Environmental Impact Statement and all conditions and/or modifications imposed by An Bord Pleanála regarding road schemes in the area. The developer should in particular have regard for any potential cumulative impacts,
- The developer, in conducting an Environmental Impact Assessment, should have regard to TII publications (formerly DMRB and the manual of contract documents for road works),
- The developer, in conducting an Environmental Impact Assessment, should have regard to TII's Environmental Assessment and Construction Guidelines, including the Guidelines for the Treatment of Air Quality During the Planning and Construction of National Road Schemes (National Roads Authority, 2006),
- The EIAR should consider the Environmental Noise Regulations 2006 (SI 140 of 2006) and, in particular, how the development will affect future action plans by the relevant competent authority. The developer may need to consider the incorporation of noise barriers to reduce noise impacts (see Guidelines for the Treatment of Noise and Vibration in National Road Schemes (1st Rev., National Roads Authority, 2004)),
- It would be important that, where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment (TTA) be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site concerning impacts on the national road network and junctions of lower category roads with national roads. TII's Traffic and Transport Assessment Guidelines (2014) should be referred to in relation to proposed development with potential impacts on the national road network. The scheme promoter is also advised to have regard to Section 2.2 of the NRA/TII TTA Guidelines which addresses requirements for sub-threshold TTA,
- The designers are asked to consult TII publications to determine whether a road safety audit is required,
- In the interests of maintaining the safety and standard of the national road network, the EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network,

- In relation to haul route identification, the applicant/developer should clearly identify the haul routes proposed and fully assess the network to be traversed. Separate structure approvals/permits and other licences may be required in connection with the proposed haul route, including where temporary modification to the road network may be required. Consultation with relevant PPP companies and MMarC contractors may also be required. All structures on the haul route should be checked by the applicant/developer to confirm their capacity to accommodate any abnormal load proposed, including abnormal weight load,
- In relation to cabling and potential connection routing, the scheme promoter should note locations of existing and future national road schemes and develop proposals to safeguard proposed road schemes. In the context of existing national roads, alternatives to the provision of cabling along the national road network, such as alternative routing or the laying of cabling in private lands, should be considered in the interests of safeguarding the investment in and the potential for future upgrade works to the national road network. The cable routing should avoid all impacts to existing TII infrastructure such as traffic counters, weather stations, etc. and works required to such infrastructure shall only be undertaken in consultation with and subject to the agreement of TII, any costs attributable shall be borne by the applicant/developer. The developer should also be aware that separate approvals may be required for works traversing the national road network and motorway network.

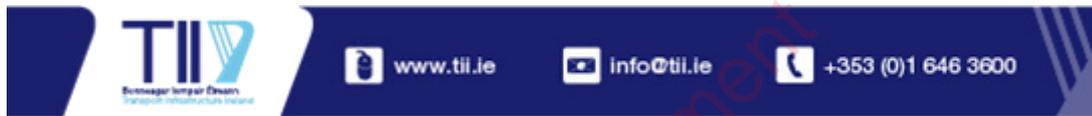
Notwithstanding any of the above, the developer should be aware that this list is non-exhaustive, thus site and development-specific issues should be addressed in accordance with best practice.

I trust that the above comments are of use in your EIAR preparation.

Mise le meas,

Alban Mills

Senior Regulatory & Administration Executive



From: Aileen Byrne <abyrne@jodireland.com>

Sent: Friday, July 28, 2023 2:30 PM

To: INFO <Information@tii.ie>

Cc: Ryan Mitchell <rmitchell@jodireland.com>

Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon, Co. Louth.

You don't often get email from abyrne@jodireland.com. [Learn why this is important](#)

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

Dear Sir/Madam

This email constitutes a request for a Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The Scoping Request has been prepared by Jennings O'Donovan & Partners Ltd., Consulting Engineers (JOD) on behalf of EDF Renewables Ireland Limited. (hereafter known as "the Developer").

The purpose of the scoping process is to provide relevant information to consultees and stakeholders at the outset of the project so that key environmental issues and concerns can be identified. This early engagement allows the Developer the opportunity to avoid and or minimise any potential environmental effects proposed by the development and in turn, provide the appropriate assessments where necessary.

The Proposed Development

The Developer intends to apply to Louth County Council to seek planning permission for the construction of up to approximately 8 no. wind turbines each typically of 6 – 8 megawatts (MW) with a combined output maximum range 48- 64MW. The proposed viable lands for the development are located approximately 3.5km to the southeast of the town of Dunleer in, Co. Louth. The proposed development will also include planning permission for the construction of an underground grid connection to Drybridge 110kV substation, Co. Louth, located approximately 7.2km to the southwest of the Development.

The purpose of this scoping request is to set out the intended scope of the Environmental Impact Assessment Report (EIAR) and the key issues to be considered as part of that EIAR. Accordingly, we enclose a copy of a Scoping Document for your consideration. We would welcome feedback from the following Council Departments:

- Planning Department
- Roads Department
- Water Services
- Environment Section

The EIAR will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2023.

We look forward to receiving your comments on the scoping document in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Kind regards,

Aileen Byrne

For: Jennings O'Donovan & Partners Limited



JENNINGS O'DONOVAN
& PARTNERS LIMITED
CONSULTING ENGINEERS

Head Office Finisklin Business Park, Sligo, Ireland, F91 RHH9. [MAP](#)

Tel: [+353719161416](tel:+353719161416) Email: abyrne@jodireland.com Web: www.jodireland.com

Disclaimer: This message is for the use of person(s) to whom it was intended to be addressed. If you have received this electronic message in error, please notify us by email to info@jodireland.com and delete the message. While we take reasonable safeguards to protect our computer network against viruses, we do not accept any liability for contamination or damage to your systems from viruses attached to emails received from us. Therefore, we recommend that you scan all emails and attachments. The views expressed in this email may not necessarily be the views held by Jennings O'Donovan & Partners. Jennings O'Donovan & Partners are committed to data protection and will continue to improve procedures to provide a safe and secure data environment <http://www.jodireland.com/privacy/>. COMPANY REG. NO. 149104. Please consider the environment before printing this e-mail.

In accordance with TII's Right to Disconnect policy, if you are receiving this email outside of normal working hours, I do not expect a response or action outside of your own working hours unless it is clearly noted as requiring urgent attention.

De réir pholasaí BIÉ An Ceart gan a bheith Ceangailte, má tá an ríomhphost seo á fháil agat lasmuigh de na gnáthuaireanta oibre, nílim ag súil le freagra ná le gníomh uait lasmuigh de do ghnáthuaireanta oibre féin mura bhfuil sé ráite go soiléir go bhfuil gá gníomhú go práinneach.

TII processes personal data provided to it in accordance with its Data Protection Notice available at <https://www.tii.ie/about/about-tii/Data-Protection/>

Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag <https://www.tii.ie/about/about-tii/Data-Protection/?set-lang=ga>

TII E-mail system: This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error then please notify postmaster@tii.ie and delete the original including attachments.

Córas r-phoist BIE: Tá an ríomhphost seo agus aon chomhaid a tharchuirtear leis faoi rún agus beartaithe lena n-úsáid ag an duine aonair nó ag an eintiteas a bhfuil siad dírithe chuige/chuici amháin. Más rud é go bhfuair tú an ríomhphost seo trí bhotún, cuir sin in iúil do postmaster@tii.ie, le do thoil, agus scríos an ríomhphost bunaidh agus aon cheangaltáin.

In accordance with TII's Right to Disconnect policy, if you are receiving this email outside of normal working hours, I do not expect a response or action outside of your own working hours unless it is clearly noted as requiring urgent attention.

De réir pholasaí BIÉ An Ceart gan a bheith Ceangailte, má tá an ríomhphost seo á fháil agat lasmuigh de na gnáthuaireanta oibre, nílim ag súil le freagra ná le gníomh uait lasmuigh de do ghnáthuaireanta oibre féin mura bhfuil sé ráite go soiléir go bhfuil gá gníomhú go práinneach.

TII processes personal data provided to it in accordance with its Data Protection Notice available at <https://www.tii.ie/about/about-tii/Data-Protection/>

Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag <https://www.tii.ie/about/about-tii/Data-Protection/?set-lang=ga>

TII E-mail system: This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error then please notify postmaster@tii.ie and delete the original including attachments.

Córas r-phoist BIE: Tá an ríomhphost seo agus aon chomhaid a tharchuirtear leis faoi rún agus beartaithe lena n-úsáid ag an duine aonair nó ag an eintiteas a bhfuil siad dírithe chuige/chuici amháin. Más rud é go bhfuair tú an ríomhphost seo trí bhotún, cuir sin in iúil do postmaster@tii.ie, le do thoil, agus scríos an ríomhphost bunaidh agus aon cheangaltáin.

In accordance with TII's Right to Disconnect policy, if you are receiving this email outside of normal working hours, I do not expect a response or action outside of your own working hours unless it is clearly noted as requiring urgent attention.

De réir pholasáí BIÉ An Ceart gan a bheith Ceangailte, má tá an ríomhphost seo á fháil agat lasmuigh de na gnáthuaireanta oibre, nílim ag súil le freagra ná le gníomh uait lasmuigh de do ghnáthuaireanta oibre féin mura bhfuil sé ráite go soiléir go bhfuil gá gníomhú go práinneach.

TII processes personal data provided to it in accordance with its Data Protection Notice available at <https://www.tii.ie/about/about-tii/Data-Protection/>

Próiseálann BIÉ sonraí pearsanta a sholáthraítear dó i gcomhréir lena Fhógra ar Chosaint Sonraí atá ar fáil ag <https://www.tii.ie/about/about-tii/Data-Protection/?set-lang=ga>

TII E-mail system: This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed. If you have received this email in error then please notify postmaster@tii.ie and delete the original including attachments.

Córas r-phoist BIE: Tá an ríomhphost seo agus aon chomhaid a tharchuirtear leis faoi rún agus beartaithe lena n-úsáid ag an duine aonair nó ag an eintiteas a bhfuil siad dírithe chuige/chuici amháin. Más rud é go bhfuair tú an ríomhphost seo trí bhotún, cuir sin in iúil do postmaster@tii.ie, le do thoil, agus scríos an ríomhphost bunaidh agus aon cheangaltáin.

Sarah Gallagher

From: VMTV info <VMTVinfo@virginmedia.ie> on behalf of VMTV info
Sent: Friday 28 July 2023 14:34
To: Aileen Byrne
Subject: Automatic reply: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Thank you for your email. Please note this inbox is for **Virgin Media Television Broadcast** queries only.

Please contact the below for any other queries:

Newsroom queries: news@virginmedia.ie

Ireland AM queries: irelandam@virginmedia.ie

Weather photo's: weather@virginmedia.ie

Six O'Clock show: six@virginmedia.ie

If you have a query in relation to Broadband/Mobile or your TV package, please contact Virgin Media Ireland here <https://www.virginmedia.ie/contact/>.

If you have a complaint in relation to Broadband/Mobile or your TV package, please file your complaint here <https://www.virginmedia.ie/complaint>.

We endeavour to respond to all other queries in a timely manner.

Kind regards

Virgin Media Television

***** Virgin Media Ireland Limited Registered Number in Ireland: 435668 Registered Address: Macken House, 39/40 Mayor Street Upper, Dublin 1, D01 C9W8. The contents of this email and any attachments are sent for the attention of the addressee(s) only and are or may be confidential, proprietary and/or privileged material. If you have received this email in error, please notify the sender immediately and delete it from your system. If you are not the addressee, any review, retransmission, disclosure, copying or other use of this email and any attachments is prohibited. Statements and opinions expressed in this email may not represent those of the company and any representations or commitments in this email are subject to contract."*****



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

William Morgan, Vodafone (External) <william.morgan@vodafone.com>

31 July 2023 at 12:28

To: Aileen Byrne <abyrne@jodireland.com>, "rmitchell@jodireland.com" <rmitchell@jodireland.com>

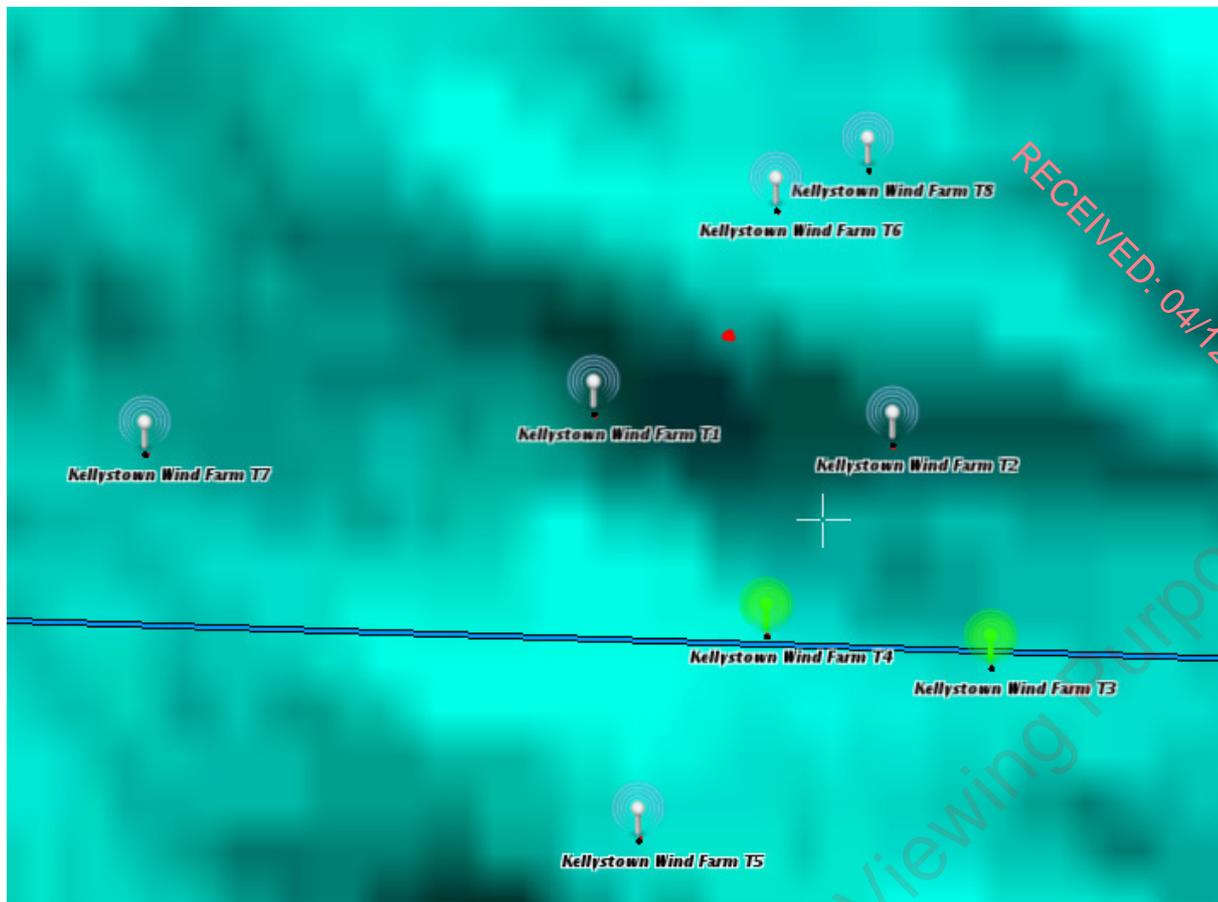
Cc: "Siobhan Burke, Vodafone" <siobhan.burke1@vodafone.com>, "Sean Lyons, Vodafone (External)" <sean.lyons@vodafone.com>

Hi Aileen/Ryan,

I have reviewed the proposed turbine locations in the Kellystown Wind Farm development and I can confirm that based on coordinates that you have provided in the table below it is highly likely that turbine #4 and possibly turbine #3 will cause interference to an existing link on the Vodafone network.

Table 5.1: Indicative Turbine Coordinates at Design Iteration 1 stage

Turbine No.	ITM Easting [m]	ITM Northing [m]
T01	707981	783632
T02	708560	783584
T03	708762	783153
T04	708325	783205
T05	708087	782802
T06	708325	784037
T07	707113	783533
T08	708501	784120



Please let me know what additional information you require in an attempt to resolve this potential issue?

Kind Regards,

Will.

Will Morgan

Transmission Planning and Design Engineer

Converged Transmission

Technology- NET

+353858775530

william.morgan@vodafone.com



Together We Can!

Vodafone Ireland Limited, Registered Office:

MountainView, Leopardstown, Dublin 18,

Registered in Ireland: No. 326967

C2 General

From: Aileen Byrne <abyrne@jodireland.com>

Sent: Friday 28 July 2023 14:32

To: Sean Lyons, Vodafone (External) <sean.lyons@vodafone.com>; Gavin Byrne, Vodafone <gavin.byrne@vodafone.com>; fiona.byrne2@vodafone.com

Cc: Ryan Mitchell <rmitchell@jodireland.com>

Subject: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

This is an external email. Do you know who has sent it? Can you be sure that any links and attachments contained within it are safe? If in any doubt, use the Report Message button in your Outlook client to report this mail.

[Quoted text hidden]

RECEIVED: 04/12/2024
Louth CC, Planning Department - Viewing Purposes Only



Aileen Byrne <abyrne@jodireland.com>

Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon , Co. Louth.

Ryan Mitchell <rmitchell@jodireland.com>

31 July 2023 at 12:40

To: "William Morgan, Vodafone (External)" <william.morgan@vodafone.com>, Aileen Byrne <abyrne@jodireland.com>

Cc: "Siobhan Burke, Vodafone" <siobhan.burke1@vodafone.com>, "Sean Lyons, Vodafone (External)" <sean.lyons@vodafone.com>

Hi Will,

Thank you for your email.

We will look at the design of the wind farm to try and resolve this issue.

Please could you send on a shapefile of the Fresnel Zone of the transmission line so we can re-evaluate our turbine distances.

Kind regards,

Ryan

[Quoted text hidden]

6918//RM/SG

KELLYSTOWN WIND FARM

ROADS ENGINEERING MEETING

WITH

LOUTH COUNTY COUNCIL

RECEIVED: 04/12/2024
Viewing Purposes Only

ITEM	NOTES	ACTION
1.0	<u>ATTENDANCE AND CIRCULATION</u>	
1.1	<u>Attendance</u>	
	Ryan Mitchell - Jennings O’Donovan & Partners Limited John Doogan - Jennings O’Donovan & Partners Limited Helena Hennigan- EDF Renewables Damian Byrne - EDF Renewables	
2.0	Cheryl O’Connor - EDF Renewables Kevin McKeown- EDF Renewables	
2.1	Noel.Treanor - Senior Executive Engineer - Louth County Council Aaron Lynch - Road Engineer - Louth County Council Declan McMahon - Senior Executive Engineer - Louth County Council	
	<u>OPTION 1 -HDD detailed review</u>	
2.2	3 - HDD crossings required.	
	Break Down of Grid Route on roads.	
	- N51 – 0.86km - R132 – 3.6km - Local Roads – 6.65km	
	5 water crossings	
	- WC1 – Ballymakenny Road - WC2 – Ballymakenny Road - WC3 – Cockle Road - WC4 – R132 - WC5 – Slane Road	
	National Monument features. Boyne Vally Baptist church.	
3.0	NOEL TRENOR –Planning Applications Review AARON – Road Opening Licences Kevin	

ITEM	NOTES	ACTION
4.0	<p><u>SLANE ROAD</u> M1 Bridge crossing not in control of Louth County Council (TII) (Meeting needed).</p> <p>HDD not required in this location the UGC will go through the underpass.</p> <ul style="list-style-type: none"> - Big housing development along this section - Condition New Road Path - Speed RAMs Priority - Ladened water utilities - Irish Water - Telecommunications - High Pressure Gas Main on the Road - Restricted by Utilities - Lagan homes finding it difficult to put utilities in the road. <p><u>BARRACK LANE</u> Track reinstatement required however will be basic. No issues.</p> <p><u>R168</u></p> <ul style="list-style-type: none"> - Mayor active travel route planned. - Ideally ducting before the active route is constructed. - 24 months before construction - Option 2 LCC to lay ducting on EDF behalf. This would incur costs. <p><u>N51/R166</u></p> <ul style="list-style-type: none"> - Irish Water a large water main installed on this route. - No other utilities - Northern side of the road preferred. 	
4.0	<p><u>ROSEHALL ROUNDABOUT</u></p> <ul style="list-style-type: none"> - Lot of utilities 	
5.0	<p><u>R132</u></p> <ul style="list-style-type: none"> - Grass verge preferred here (subject to utilities) - Licences footway to Rosehall roundabout. - IDA conversation required. - Very few utilities in this road. - Walls and Planning boundaries to be aware of. - If any damage occurs reinstatement is required. - Opportunity to come off before Cockle Road. - No reinstatement required. (Popes Cross Road). - This would avoid busy junction and be a shorter route. <p><u>COCKLE ROAD</u></p>	

ITEM	NOTES	ACTION
6.0	<ul style="list-style-type: none"> - Ideally cable installed in the verge - Lane width reinstatement required. - Ground structure wet and boggy could jeopardise road structure. - required SD6 for reinstatement. - Unstable road section. 	
7.0	<p><u>BALLYMAKENNY</u></p> <ul style="list-style-type: none"> - Upgrading road surface - Visual splays - Declan MacMahon joins call at 11.45. - Lots of residential builds - SD6 where road falls below 6m wide full instatement required. - EGG Form on road structure is compromised in some sections. <p><u>7.0</u></p> <ul style="list-style-type: none"> - Lots of drainage/culverts - SD6 PDF Guidelines available online this outlines Drawings required. - HALF Road width reinstatement. 	
8.0	<p><u>PIPERSTOWN</u></p> <ul style="list-style-type: none"> - Trauma on the road to be considered. - Broadband cables located in the road network. - No other utility concerns. <p><u>8.0</u></p> <ul style="list-style-type: none"> - Wall structural analysis maybe required. - Visibility splays need to meet LCC requirements. - Mapping TII displaying sloping road - Damien O'Brien. 	
9.0	<p><u>TDR</u> R162 on to R132</p> <ul style="list-style-type: none"> - Lots of street furniture to consider. - Licence to carry abnormal loads required. - Time restrictions - M1 crossing Boyne bridges north link/Toll gates, provisions to be made. - Weight request LCC -JD shared weight information. - Weight and length restrictions may apply. - Boyne bridge/Old Shore Road conversation around TDR. - A small section not of the road is not reinforced between Kilsaran Quarry entrance to site entrance 2. <p><u>9.0</u></p> <ul style="list-style-type: none"> - Damien O'Brien to advise on motorway TDR. - RM to send on TDR Swept Path analysis to LCC. - Option routes and docking route to send to DM. 	
10.0	<p><u>ROAD CLOSURES</u></p> <ul style="list-style-type: none"> - Aaron – we can get permission before active travel plans. - Road width will be reduced. - Rosehall roundabout to Barrack Lane. - Will road diversions be able to take HGV. - Double check class of roads diverting onto Cockle Road. 	

ITEM	NOTES	ACTION
<p>11.0</p> <p>12.0</p> <p>13.0</p>	<p><u>COCKLE ROAD</u></p> <ul style="list-style-type: none"> - Two way working possible. - Possible Long Road Closures. <p>- Restricted to School Holidays for Cockle Road in addition dry road conditions.</p> <p><u>NT</u></p> <ul style="list-style-type: none"> - Redline boundary to ensure ducting is included highly important. <p><u>INFRASTRUCTURE REPORT</u></p> <ul style="list-style-type: none"> - A condition you must liaise with roads authority to agree TDR and UGC. <p><u>FINAL COMMENTS</u></p> <ul style="list-style-type: none"> - Active Travel will likely be in operation. - Ducting Costs can be provided on this section by LCC. - Full surface width resurface required at 6m less. <p>Signed:  _____ Date: <u>29th February 2024</u></p> <p>Ryan Mitchell for: Jennings O'Donovan & Partners Limited</p>	

RECEIVED: 04/22/2024
 Louth CC, Planning Department - Viewing Purposes Only

**NOTES OF DESIGN FLEXIBILITY MEETING CONVENED UNDER SECTION 32H OF THE
PLANNING & DEVELOPMENT ACT, 2000 (AS AMENDED)**

Meeting Reference: S32DF001-24

Applicant: EDF Renewables Ltd

Proposal: Erection of 5 no. 180m high wind turbines

Site Location: Townlands of Kellystown, Kearneystown, Gallstown, Stonehouse, Drumshallon, Piperstown, Swinestown, Co. Louth

Meeting: Held at 11am on 17th May 2024 (Online MS Teams Meeting)

In attendance:

Ryan Mitchell – Jennings O’Donovan & Partners Ltd.

Aileen Byrne – Jennings O’Donovan & Partners Ltd.

Sarah Jones – Jennings O’Donovan & Partners Ltd.

Helena Hennigan – EDF Renewables Ltd.

Cheryl O’Connor – EDF Renewables Ltd.

Representing Louth County Council:

Terence Loane (Executive Planner)

Joanna Kelly (Senior Planner)

Planning Authority notes:

The consultants gave a presentation on the proposed development, covering the following matters:

- Introduction to EDF Renewables
- Legislative and planning context
- Site overview
- Design Flexibility Proposals
- Assessments throughout the EIAR
- Questions & Answers

The applicants set out that the design flexibility requirements arise due to the prolonged timescales associated with developing a wind farm project where a period of years can elapse between a planning being made and the commencement of construction due to a wide variety of reasons, such as planning decision timescales, timing of support scheme auctions and grid availability.

During that time, wind turbine technology is constantly evolving, so there can be some uncertainty as to which make/ model of wind turbine is most suitable and appropriate at the actual time of construction, which makes it very difficult to establish exact turbine dimensions at pre-planning stage.

The applicants stated that the wind turbine type will be decided at the pre-construction stage and the dimensions of the chosen turbine will fall within the range specified above. It is proposed that the final wind turbine dimensions be confirmed with the Planning Authority at least 2 weeks prior to the erection of the turbines.

In order to consider all potential situations, particularly for shadow flicker, noise, visual assessment, the EIAR to be submitted will generally assess three different scenarios at the site as follows:

- Scenario 1 – Maximum
- Scenario 2 – Minimum
- Scenario 3 – Medium

The consultants stated in the meeting that they are committed to “no shadow flicker” from the proposed development.

In the case of bat mitigation, Scenario 1 (maximum) will be assessed as it gives rise to the largest felling radius.

In relation to birds, Scenario 1 (maximum) and 2 (minimum) will be assessed, as these account for the largest and smallest turbine blade swept path in the Collision Risk Model.

Scenario 1 (Maximum) will be assessed in relation to aquatic ecology, biodiversity, soils and geology, hydrology, air and climate material assets.

In relation to cultural heritage, Scenario 3 (Medium) will be used in the EIAR.

The traffic assessment will use Scenario 1 (maximum) as this includes for the longest blade length, which obviously has the greatest potential for significant impacts along the proposed haul routes.

Joanna Kelly (SP) raised the issue of grid capacity at Drybridge electricity substation. The consultants stated that there is capacity available.

Terence Loane (EP) raised issues in relation to traffic management, potential changes to agreed haul routes for larger structures (blades, etc), larger base foundations potentially required for additional loading and additional impact on watercourses, etc. The consultants confirmed that all these issues would be addressed in detail.

The parameters within which the turbine specifications will fall are as follows:

- Total tip height range of 179.5m – 180m
- Rotor diameter range of 149m – 163m
- Hub height range of 98m to 105m

The applicant was advised to provide with the application the most robust information in respect of turbine total tip height, turbine rotor diameter and turbine hub height within the EIAR which assesses the effects associated with the design flexibility parameters sought.

Applicant was advised that the Planning Authority would consider the Design Flexibility details, specifications and information submitted, including the meeting request form (No. 20), cover letter, maps and drawings, as per Section 32I(2) of the Planning and Development Act, 2000 as amended and issue an opinion in due course within the required statutory 4 week timeframe.

Terence Loane (Executive Planner)

Joanna Kelly (Senior Planner)

NOTE: ADVICE GIVEN IS PRE-PLANNING ADVISE BASED ON INFORMATION AVAILABLE AT THE TIME & DOES NOT PREJUDICE ANY SUBSEQUENT PLANNING APPLICATION AND/OR BIND THE PLANNING AUTHORITY AND/OR PRESCRIBED BODIES IN ASSESSMENT OF ANY APPLICATION RECEIVED ON FOOT OF PRE-PLANNING CONSULTION.

PRE-PLANNING CONSULTATION NOTES

PLANNER'S NOTES:

Preplanning Reference: PP23/305

Applicant: EDF Renewables Ltd

Proposal: Erection of 5 no. 110m high wind turbines

Site Location: Kellystown, Grangebellew, Co. Louth

Meeting: Held at 11am on 15th February 2024 (Online MS Teams Meeting)

In attendance:

Ryan Mitchell – Jennings O'Donovan & Partners Ltd.
Aideen Byrne – Jennings O'Donovan & Partners Ltd.
John Doogan – Jennings O'Donovan & Partners Ltd.
Helena Hennigan – EDF Renewables Ltd.
Cheryl O'Connor – EDF Renewables Ltd.
Aoife Sedgewick – EDF Renewables Ltd.
Damien Byrne – EDF Renewables Ltd.

Representing Louth County Council:

Terence Loane (Executive Planner)
Noel Treanor (Senior Executive Engineer)

Planning Authority advised as follows:

National & Regional Policy Documents which may be relevant to this proposal include:

- Project Ireland 2040 – National Planning Framework (NPF) (May 2018);
- National Development Plan 2021-2030 (NDP) (2018);
- Regional Spatial & Economic Strategy (RSES);
- Wind Energy Development Guidelines (2006);
- Draft Wind Energy Development Guidelines (2019);
- Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment (August 2018);
- The Planning System and Flood Risk Management (2009);
- Development Management Guidelines (2007)

Louth County Development Plan 2021-2027, as varied applies to this site

Land Zoning

I note that the proposed site is located within "**Rural Policy Zone 2**" as detailed in Chapter 3 of the Louth CDP, 2021-2027, as varied, which is described as an 'Area under strong urban influence'.

The following sections and policy objectives in the Louth CDP are relevant to this proposal;

Chapter 10 relates to **Infrastructure & Public Utilities** – Policy Objectives IU 52, IU 55, IU, 56, IU 57, IU 58, IU 62 are relevant

10.5.2 (Renewable Energy)

10.6 (Wind Energy)

10.11.9 (Wind Energy)

Chapter 12 relates to **Climate Action**.

12.7.3.6 (Renewable Energy)

Chapter relates to **Development Management Guidelines**

13.18.1 (Wind Energy)

NBG 3 To protect and conserve Special Areas of Conservation (SACs) and Special Protection Areas (SPAs) designated under the EU Habitats and Birds Directives.

NBG 4 To ensure that all proposed developments comply with the requirements set out in the DECLG '*Appropriate Assessment of Plans and Projects in Ireland – Guidance for Planning Authorities 2010*'.

NBG 5 To ensure that no plan, programme, or project giving rise to significant cumulative, direct, indirect or secondary impacts on European sites arising from their size or scale, land take, proximity, resource requirements, emissions (disposal to land, water or air), transportation requirements, duration of construction, operation, decommissioning or from any other effects shall be permitted on the basis of this Plan, either individually or in combination with other plans, programmes or projects.

NBG 6 To ensure a screening for Appropriate Assessment (AA) on all plans and/or projects and/or Stage 2 Appropriate Assessment (Natura Impact Report/ Natura Impact Assessment) where appropriate, is undertaken to make a determination. European Sites located outside of the County but within 15km of the proposed development site shall be included in such screenings as should those to which there are pathways, for example, hydrological links for potential effects.

IU 19 To require the use of Sustainable Drainage Systems to minimise and limit the extent of hard surfacing and paving and require the use of SuDS measures be incorporated in all new development (including extensions to existing developments). All development proposals shall be accompanied by a comprehensive SuDS assessment including run-off quantity, run off quality and impacts on habitat and water quality.

- IU 20** To require all development proposals meet the design criteria, (adjusted to reflect local conditions), and material designs contained in the Greater Dublin Strategic Drainage Study (GDSDS) and demonstrate how runoff is captured as close to source as possible with subsequent slow release to the drainage system and watercourse.
- IU 22** To ensure all new development incorporates appropriate measures to protect existing water bodies, through appropriate treatment of runoff. In particular, discharges from car parks shall be appropriately treated so as to remove pollutant materials.
- IU 52** To produce a Renewable Energy Strategy for County Louth within one year of adoption of the Revised Wind Energy Guidelines. This strategy shall have regard to '*A Methodology for Local Authority Renewable Energy Strategies*', (SEAI) and shall be compliant with the requirements of the SEA & Habitats Directives.
- IU 55** To support the implementation of the EU Green Deal, *Climate Action Plan 2019* (or any subsequent plan), *Programme for Government 2020*, *Climate Change Adaptation Strategy for County Louth* and the Climate Action Charter and facilitate measures which seek to reduce emissions of greenhouse gases.
- IU 56** To encourage the development of wind energy, in accordance with Government policy and guidance and the '*Wind Energy Development Guidelines*' (2006) or any revisions thereof which may be issued during the lifetime of the Plan.
- IU 57** To facilitate the development of wind energy in an environmentally sustainable manner ensuring proposals are consistent with the landscape preservation objectives of the Plan, the protection of the natural and built environment and the visual and residential amenities of the area.
- IU 58** To promote the location of wind farms and wind energy infrastructure in the 'preferred areas' as outlined on Map 10.1, to prohibit such infrastructure in areas identified as 'no-go areas' and to consider, subject to appropriate assessment, the location of wind generating infrastructure in areas 'open for consideration'.
- IU 62** To support the repowering/life extension of wind turbines where appropriate and subject to normal proper planning considerations.

Site appears to be located in the "*Preferred Areas*", as per Map 10.1 of the Louth CDP 2021-2027, which shows areas suitable for wind development in the county.

Applicant stated that there may be traffic issues, road closures, road upgrades, etc required to facilitate the proposal.

Applicant raised the matter of holding a Section 32H Design Flexibility Meeting in relation to things like the turbines, road width, etc – I advised that Joanna Kelly (Senior Planner) is likely to want to attend.

I advised that the residential amenity of all neighbouring homes and properties needs to be carefully considered in relation to shadow flicker, noise pollution, etc, and appropriate reports submitted.

The consultants have given a comprehensive presentation for the proposed development, covering a variety of issues.

AA/NIS

EIAR/ NIS very important given sensitive environmental issues.

I advised that the new “North West Irish Sea SPA” is located to the south of Dunany Point.

Applicant will need to consider and assess the cumulative impacts associated with this large development in the surrounding area. No permanent lighting is proposed.

The potential of the site being an “*ex-situ site*” for foraging qualifying birds should be considered.

The applicants should consider all relevant Appropriate Assessment issues, such as nearby hydrological links to any designated EU Sites and ex-situ sites.

I advised that this is a large windfarm proposal and that it is very likely to attract significant levels of public interest, so community engagement needs to be carefully considered (i.e. Community Report).

Conclusion

Both national government and Louth CDP policy is generally in favour of promoting renewable energy production in the county, including wind energy, subject to compliance with all relevant planning, infrastructure, environmental standards and guidelines, etc.

Terence Loane (Executive Planner)

NOTE: ADVICE GIVEN IS PRE-PLANNING ADVISE BASED ON INFORMATION AVAILABLE AT THE TIME & DOES NOT PREJUDICE ANY SUBSEQUENT PLANNING APPLICATION AND/OR BIND THE PLANNING AUTHORITY AND/OR PRESCRIBED BODIES IN ASSESSMENT OF ANY APPLICATION RECEIVED ON FOOT OF PRE-PLANNING CONSULTION.

27th September 2024

Our reference: 6918/503/RM/001

Gillian Holden,
Property Management Branch,
Department of Defence,
Station Road,
Newbridge,
Co. Kildare, W12 AD93.

Jennings O'Donovan and Partners Limited,
Finisklin Business Park,
Sligo, Ireland, F91 RHH9.

Registered in Ireland Number: 149104
VAT Reg: IE65746504D

Tel: +353 (0)71-91 61416
www.jodireland.com

RE: Request for Scoping Opinion on information to be included in the preparation of an Environmental Impact Assessment (EIA) for Kellystown Wind Farm, Drumshallon, Co. Louth. Department of Defence response.

Dear Ms. Holden,

Introduction

Thank you for your response regarding the Scoping Opinion in respect of an application for planning permission for Kellystown Wind Farm, in Co. Louth. The applicant (EDF Renewables UK and Ireland) wishes to respond to the observations outlined in the scoping response from the Department of Defence dated 23rd August 2024. We set our response hereunder:

Background

The design of the Proposed Development has been modified to take into consideration environmental constraints and the scoping consultation responses received to date. The Proposed Development now consists of 5 no. wind turbines each typically of 5.6 – 8 megawatts (MW) with a combined output maximum range 28- 40MW.

The wind turbine will be within the following parameters:

- Total tip height range of 179.5m – 180m
- Rotor diameter range of 149m – 163m
- Hub height range of 98m to 105m

Directors

Nigel Board (British)
Abigail Draper (British)
David Kiely
Seamus Lee
David O'Hagan
Alan Ryder (British)

Chief Finance Officer

Rose Davis

Technical Directors

Joe Healy
Sean Molloy

Regional Director

Audrey Phelan

Senior Associates

Seán Gilmartin
John McElvaney
Tomás McGloin

Associates

Breana Coyle
Dermot Guilfoyle
Lindsey McCormack
Cáit O'Reilly
Monica Sullivan

The final turbine coordinates for the wind turbines are set out in Table 1:

Table 1

Turbine No.	ITM Easting (m)	ITM Northing (m)	ING Easting	ING Northing
T01	707338	784036	307411	284020
T02	708442	784164	308514	284148
T03	708057	783557	308129	283541
T04	708686	783447	308759	283432
T05	708319	782834	308391	282818

Response from the Department of Defence on the Kellystown Wind Farm Scoping Opinion on the 23rd August 2024:

DoD Scoping Response:

1. *The minister of Defence is responsible for the regulations of military aviation, whereas the Irish Aviation Authority (IAA) is responsible for the safety regulation of civil aviation including aerodromes. The IAA does not have remit for military aviation or installations. Safeguarding of military flight operations and installations is intended to protect both current and future aircraft operations and to take account of the security requirements associated with some of these operations.*
2. *The Department of Defence opposes the erection of wind farms or other obstacles which will effect the ability of the Irish Air Corps to train and operate in a safe and economic manner. Based on the information provided by Jennings O'Donovan, the proposed wind farm lies within 3NM of the M1/N1 identified as a critical route which could affect Air Corps' ability to access regional areas.*
3. *If this proposed development was to go to the planning stage, the department of Defence would be obligated to raise the above concern and advise the planning authorities accordingly.*
4. *Any IAA requirements including obstacle lighting are separate to Irish Aviation Authority (IAA) Requirements.*

The Applicants Response:

An Aviation Study, which will accompany the planning application, was undertaken by Aviation Planning Consultants (O'Dwyer and Jones) dated 28th June 2024 on behalf of the Applicant to consider the conditions and requirements laid down by the Civil Aviation and Irish Aviation Authority and the Department of Defence and Air Corps.

The findings of the report show that the distance of 1.92km between the M1 motorway and the nearest turbine, is twice the necessary International Civil Aviation Organisation (ICAO) clearance required (0.9km) either side of any visual flying route for Helicopters. The study also concluded that the Proposed Wind Farm Site was not in conflict with any current aviation requirements and complied with the Civil Aviation and IAA Best practices.

Civil Aviation and IAA Best practices

ICAO (International Civil Aviation Organization): With regard to the aviation features on the ICAO Aeronautical Chart, which included Dublin airport, aerodromes, disused military aerodromes, aerial sporting locations and the Dublin ATC control area, the findings concluded that none of the aviation features will be affected by the Proposed Wind Farm site.

Civil Aviation Flight Paths: With regard to the Civil Aviation Flight Paths, the findings concluded that a flight route near the Kellystown area (EIDW-AD-2.24-12.1), which shows 2 transit routes (BAMLI & NEVRI) several thousand feet above site, will be unaffected by the Proposed Wind Farm site.

Aviation Authority Guidance¹, ICAO guidance² and EASA guidance³, (EU) 2018/1139 and the Aerodrome Regulation (EU) 139/2014, with regard to Wind Turbines: To comply with the Aviation Authority Guidance principal requirements, the turbines will be marked and lit, specifically related to the height, (specified as per ICAO guidance and EASA guidance) and will be identified on aviation charts.

The Department of Defence have expressed concerns on a previous wind farm application (unrelated project) where proposed turbines were within 9.6km of a 'military installation' or army camp or within 37km of a Casement Aerodrome and more generally anywhere within a Military Operating Area (MOA; set up under section 68 of the IAA Act 1993). The Kellystown Wind Farm Site is outside the MOAs.

¹ IAA, S.I. No. 266/2019 - Irish Aviation Authority (Standardised Rules Of The Air) Order, 2019 Available at:

<https://www.irishstatutebook.ie/eli/2019/si/266/made/en/print>

IAA, S.I. 72/2004 - Irish Aviation Authority (Rules of the Air) Order, 2004 Available at:

<https://www.irishstatutebook.ie/eli/2004/si/72/made/en/print>

² ICAO, Annex 14 - Aerodromes - Volume I - Aerodromes Design and Operations, Ninth edition July 2022 and ICAO, Annex 14 - Aerodromes - Volume II – Heliports, Fifth edition, July 2020

³ EASA (European Aviation Safety Agency) Easy Access Rules for Standardised European Rules of the Air (SERA), revision Feb 2023 Available at: <https://www.easa.europa.eu/en/document-library/easy-access-rules/online-publications/easy-access-rules-standardised-european>

Military Helicopter Routes above Motorways

The Department of Defence have expressed concern with 'tall objects' within 3 nautical miles (5.556km) of either side of a motorway, citing that that helicopters may navigate by following motorway routes. If an area of 3 nautical miles was to be left free on either side of the motorway, there would be an 11.1km corridor along all motorways unavailable for any 'tall objects'. Based on the Aviation Analysis Report, O'Dwyer and Jones Aviation Planning Consultants do not consider this to be necessary in all cases as the Department's concerns can be appropriately managed through other methods. This is expanded upon as follows:

- The ICAO, Annex 14, Vol 2- Heliports states that the 'obstacle limitation surfaces' for helicopter Approaches and Take-offs have an overall width of 1.8km at its widest part. This is applicable to all helicopters;
- ICAO and EASA make provisions for wind turbines up to 315m in height in any location once they have the specified lighting and are marked on aviation charts;
- Provision in aviation legislation for low-level flying of military aircraft is made only in relation to the MOAs and specific restricted and Danger Areas delineated by IAA and published in AirNav Ireland;
- Outside the MOAs Aircraft are obliged to meet the EU Aviation Safety Agency Standardised European Rules of the Air (SERA) 2020 (also contained in the IAA Rules of the Air Orders S.I.72 of 2004 & S.I. 266 of 2019) which require aircrafts to fly at specified safe heights and horizontal distances (1.8km at full width) which are substantially less than the outlined 11.1km. These specified safe distances are within the proposed turbine locations; and
- It is not possible to maintain the obstacle free corridor (11.1km) along any of the motorways or national roads as requested by the Air Corps, due to the presence of existing mast and turbines already well within this distance, along motorways or national roads (M1, N1 and N2).

In summary, given the ICAO and EASA specified overall width (1.8km) to facilitate helicopter Take-off and Approaches (worse case width), 0.9km clearance either side of any visual flying route is sufficient in that it provides a safe 'low level route' for military helicopters. As the Proposed Wind Farm site at its closest turbine is twice this distance (1.92km) from the M1 motorway, it is concluded that the Proposed Wind Farm site is well clear of any low-level helicopter route above the M1 or the National Road N1 or N2. The report concluded that the Proposed Wind Farm Site is not in conflict with any current aviation requirements.

Further details will be included in the EIAR which will form part of a planning application which will be submitted to Louth County Council Planning Authority for determination in Q4 2024. We look forward to receiving your comments on the above response in due course. In the meantime, please do not hesitate to contact me, should you require any clarification on the project proposals.

Yours sincerely,



David Kiely B.E., M.Sc., Eur.Ing., C.Eng., FIEI, MICE, F.RConsEI
Director
Jennings O'Donovan and Partners Limited
E-mail: dkielly@jodireland.com