



APPENDIX 2-1

SCOPING RESPONSES

Shaun Doolin

From: Marcin Skupski <Marcin.Skupski@viatel.com>
Sent: Tuesday 16 February 2021 11:18
To: Karen Mulryan; newbuild
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Thank you for your email, I have no comments here. Good luck with you development.

Regards,

Marcin Skupski

Build and Maintenance Team Leader

T: 086 832 0724

M: marcin.skupski@viatel.com

www.viatel.com



We make Cloud, Connectivity,
& Security Services easy to use

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 10:52
To: Marcin Skupski <Marcin.Skupski@viatel.com>; newbuild <newbuild@viatel.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Marcin,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. I do not believe there are any link issues with the site; however, I would like to send you the proposed final turbine locations for your records.

Please see attached. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611



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From: Marcin Skupski <Marcin.Skupski@viatel.com>
Sent: Friday 22 May 2020 09:30
To: Karen Mulryan <kmulryan@mkoireland.ie>; newbuild <newbuild@viatel.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Apologies for late reply. This development shouldn't interfere with Viatel's wireless network.

Marcin Skupski
Build and Maintenance Team Leader

T: 086 832 0724
M: marcin.skupski@viatel.com

www.viatel.com



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& Security Services easy to use

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 8 May 2020 17:05
To: newbuild <newbuild@viatel.com>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment

process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Click [here](#) to report this email as spam.

Shaun Doolin

From: Roger Woods <rwoods@bai.ie>
Sent: Monday 11 May 2020 09:51
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen

The BAI 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
Broadcasting Authority of Ireland
2-5 Warrington Place
Dublin D02 XP29

Tel: 01 6441200
Fax: 01 6441299

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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@bai.ie, agus an ríomhphost seo a scrios.

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 7 May 2020 17:21
To: Roger Woods <rwoods@bai.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bord na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: John Bagnall <john.bagnall@eir.ie>
Sent: Friday 14 May 2021 10:57
To: Shaun Doolin
Cc: Karen Mulryan; Mobile Networks TXN
Subject: Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

The new turbine positions are fine, 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

On Fri, 7 May 2021 at 15:57, Shaun Doolin <sdoolin@mkoireland.ie> wrote:

Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,

Shaun

Shaun Doolin

From: John Bagnall <john.bagnall@eir.ie>
Sent: Friday 12 February 2021 13:39
To: Karen Mulryan
Subject: Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

The plotted 26 turbines are fine and dont impact the Eir mobile network. Best of luck with your proposal.

Kind regards,



John Bagnall

Transmission Design & Engineering

M: +353 85 1053746

E: john.bagnall@eir.ie

Address: EirCode - D24 HX03

On Fri, 12 Feb 2021 at 10:45, Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Good morning,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. I do not believe there are any ESB issues with the site; however, I would like to send you the proposed final turbine locations for your records.

Please see attached. If you have any comments, please let us know.

Kind regards,

Karen.

Shaun Doolin

From: John Bagnall <john.bagnall@eir.ie>
Sent: Friday 15 May 2020 07:20
To: Karen Mulryan
Cc: Mobile Networks TXN
Subject: Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,

We have three transmission links within the proposed area that could be at risk, the end points of the transmission link is below, for windfarm developments we would keep a buffer of 100meters radius away from this transmission path as always.

The link endpoints are below if you could incorporate them into your analysis when plotting the turbines locations.

Link 1 – End point 1 - 53°32'32.94"N 6°59'58.28"W , End point 2 – 53°38'33.12"N 7° 7'16.93"W

Link 2 – End point 1 - 53°32'32.94"N 6°59'58.28"W , End point 2 – 53°34'10.92"N 6°53'51.15"W

Link 3 – End point 1 - 53°32'32.94"N 6°59'58.28"W , End point 2 – 53°32'47.03"N 6°47'45.02"W

Please send future windfarm development analysis and large infrastructure project request to MobileNetworksTXN@eir.ie for Eir Mobile (formerly Meteor) network analysis.

Kind regards,



John Bagnall

Transmission Design & Engineering

M: +353 85 1053746

E: john.bagnall@eir.ie

Address: EirCode - D24 HX03

On Thu, 7 May 2020 at 17:50, Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directedly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Thomas Sheridan <thomas.sheridan@eir.ie>
Sent: Thursday 18 February 2021 16:53
To: Karen Mulryan
Subject: Re: 191137 Proposed Ballivor Wind Farm

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,

I have checked the proposed wind turbine locations as detailed below and I don't expect them to have any impact on the eircom LTD fixed line microwave radio network.

X	Y	X	Y	LABEL
265859.5	252173.3	665796.3	752196	A
265224.6	253488.3	665161.6	753510.8	B
264038.5	253098.9	663975.7	753121.5	C
264392.3	253696.6	664329.5	753719	D
263846	252429.3	663783.2	752452	E
264564.8	252669.3	664501.9	752691.9	F
265527.5	259828.7	665464.4	759849.8	G
264085.8	259531.6	664023	759552.7	H
264807	259706.2	664744.1	759727.3	I
265091	259150.8	665028	759172	J
265946.9	258523.3	665883.8	758544.6	K
264336.8	259032.4	664273.9	759053.6	L
265184.5	258473.9	665121.5	758495.3	M
266046.6	252942.2	665983.4	752964.8	N
264685.5	251983.9	664622.5	752006.7	O
265991.2	251671	665928	751693.8	P
262657.3	257783.6	662594.8	757805.2	Q
261570.3	257032.2	661508.1	757053.9	R
262064.4	256782.6	662002	756804.4	S
263536.6	257474.1	663474	757495.7	T
262827.4	257301.7	662764.9	757323.3	U

Best Regards,
Thomas Sheridan.

On Fri, Feb 12, 2021 at 11:21 AM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Hi Thomas,

Please see attached.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO

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From: Thomas Sheridan <thomas.sheridan@eir.ie>
Sent: Friday 12 February 2021 11:16
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: Re: 191137 Proposed Ballivor Wind Farm

Hi Karen,

Can you please send me the wind turbine locations in Irish Grid format.

Best Regards,

Thomas Sheridan

On Fri, Feb 12, 2021 at 10:53 AM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Good morning Thomas,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records.

If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Thomas Sheridan <thomas.sheridan@eir.ie>
Sent: Wednesday 30 September 2020 11:48
To: Karen Mulryan
Subject: Re: 191137 Proposed Ballivor Wind Farm

Hi Karen,

It looks extremely likely that this radio link will be ceased.

Regards,
Thomas

On Tue, Sep 29, 2020 at 1:14 PM Thomas Sheridan <thomas.sheridan@eir.ie> wrote:
Karen,

I expect the radio to be removed but a definite decision has not been made yet.

Regards,
Thomas

On Tue, Sep 29, 2020 at 1:02 PM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Hi Thomas,

Thanks for the below. Can you confirm this link will be removed or its it tentative for now? As the WF application process and time to construction and operation can take a few years, if it this link due to be removed then there is the possibility we wont need to constrain it out.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Thomas Sheridan <thomas.sheridan@eir.ie>
Sent: Tuesday 29 September 2020 12:46
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: Re: 191137 Proposed Ballivor Wind Farm

Hi Karen,

It would be ideal to have 100m clearance from the blade tip to the radio path boundary. This is sometimes reduced to 30m after determining precise gps locations of the radio endpoints.

In this case it looks likely that this radio will be removed in the next year or two.

Regards,

Thomas Sheridan

From

On Tue, Sep 29, 2020 at 11:54 AM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Hi Thomas,

What set back distance do you require for this link?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Thomas Sheridan <thomas.sheridan@eir.ie>

Sent: Tuesday 29 September 2020 11:48

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: Re: 191137 Proposed Ballivor Wind Farm

Hi Karen,

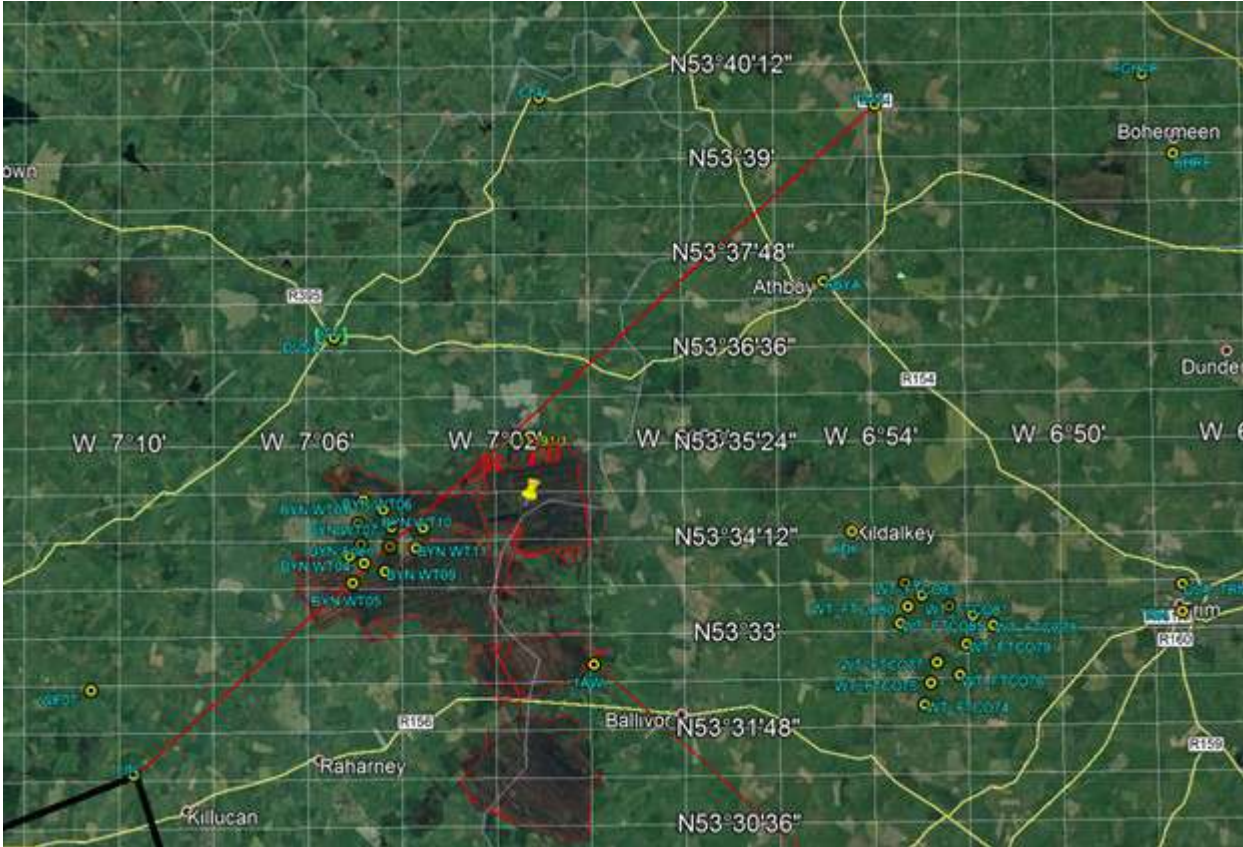
The radio link path detailed below passes through the site.

licence
no

Eastings Northings

Eastings Northings

PP11191/1	Fordstown	273000	268460	Killucan	255700	252850
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Best Regards,

Thomas Sheridan

On Tue, Sep 29, 2020 at 9:22 AM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Hi Thomas,

Please see attached.

Thanks,

Karen.



Karen Mulryan
Environmental Scientist

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From: Thomas Sheridan <thomas.sheridan@eir.ie>

Sent: Monday 28 September 2020 16:57

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: Re: 191137 Proposed Ballivor Wind Farm

Hi Karen,

Can you please send me the site boundary details in kmz format.

Best Regards,

Thomas Sheridan

On Fri, Sep 25, 2020 at 1:36 PM Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Hi Thomas,

I am hoping you can help me. John Bagnall gave me your contact details. We are looking at the attached site for a proposed wind farm development and would like to know if you have any Openair links in the area that may be impacted. If you could provide coordinates of any in the area and recommended set back distances from them it would be greatly appreciated.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO

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Shaun Doolin

From: Matthew Craig <matthew.craig@2rn.ie>
Sent: Friday 7 May 2021 16:05
To: Shaun Doolin
Cc: Johnny Evans; windfarms@rte.ie; Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

Thanks for the update the turbine that is of most concern for us is T16.
Its location at the moment is OK but I would be concerned should it move any further to the north-east.

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

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From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: 07 May 2021 15:47
To: Matthew Craig <matthew.craig@2rn.ie>
Cc: Johnny Evans <Johnny.Evans@2rn.ie>; windfarms@rte.ie; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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Shaun Doolin

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Sent: Monday 11 May 2020 14:57
To: Karen Mulryan; Johnny Evans
Cc: windfarms@rte.ie
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

We request a corridor of 380m for links at this frequency.

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

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From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 11 May 2020 12:56
To: Matthew Craig <matthew.craig@2rn.ie>; Johnny Evans <Johnny.Evans@2rn.ie>
Cc: windfarms@rte.ie
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Matthew,

Do you have a set back distance for your links?

Thanks,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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From: Matthew Craig <matthew.craig@2rn.ie>
Sent: 08 May 2020 11:17
To: Karen Mulryan <kmulryan@mkoireland.ie>; Johnny Evans <Johnny.Evans@2rn.ie>
Cc: windfarms@rte.ie
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

We have a signal path running between our site at Three Rock and Cairn Hill that passes through the middle of the proposed site.

The details are in the table below:

Site	Lat	Long	Ant Height(AMSL)	Frequency (MHz)
Three Rock	53.244.455	-6.238.067	577	546
Cairn Hill	53.807.227	-7.715.351	295	

I have also attached a KMZ file with the proposed windfarm outline, the path and two 180m tip height turbines at the beginning and end of where the path passes through.

There is also a risk of interference to DTT viewers in the area we suggest that a protocol be signed with the developer should the site go ahead.

Could you please let me know if you have any further information as to the height and location of the turbines we will be able to complete a more detailed assessment.

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

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From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 07 May 2020 17:09

To: Johnny Evans <Johnny.Evans@2rn.ie>
Cc: Matthew Craig <matthew.craig@2rn.ie>; windfarms@rte.ie
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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www.mkoireland.ie



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Shaun Doolin

From: Thomas Barry <Tom.Barry@TETRAIRELAND.IE>
Sent: Friday 5 March 2021 07:03
To: Karen Mulryan
Subject: RE: EXTERNAL MAIL:- RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Karen,

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

Regards,
Tom

From: Karen Mulryan [mailto:kmulryan@mkoireland.ie]
Sent: Friday 12 February 2021 10:56
To: Thomas Barry
Subject: EXTERNAL MAIL:- RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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

Good morning Thomas,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen



Karen Mulryan
Environmental Scientist

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From: Thomas Barry <Tom.Barry@TETRAIRELAND.IE>

Sent: Friday 15 May 2020 13:40

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Karen,

We have equipment on a site at E266385 N255170, we specify an exclusion zone of 500m from the location. Can you also ensure the proposal is reviewed by eir.

Regards,
Tom



From: Karen Mulryan [<mailto:kmulryan@mkoireland.ie>]

Sent: Friday 8 May 2020 10:26

To: Thomas Barry

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale

lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Alister Cole <Alister.Cole1@three.ie>
Sent: Tuesday 11 May 2021 13:50
To: Shaun Doolin
Cc: Sean Kelly; DL Estates ROI; Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

I have reviewed the original/new Turbine locations (26) and 3Ireland have no microwave links that could potentially be affected.

Best regards,

Alister



Alister Cole
Transmission Engineer

Mobile: 086 6024556
Email: Alister.Cole1@three.ie

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: 07 May 2021 15:54
To: Alister Cole <Alister.Cole1@three.ie>
Cc: Sean Kelly <Sean.Kelly2@three.ie>; DL Estates ROI <Estates@three.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

CAUTION! External Email.

Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun

Shaun Doolin

From: Alister Cole <Alister.Cole1@three.ie>
Sent: Friday 12 February 2021 16:47
To: Karen Mulryan
Cc: Sean Kelly; DL Estates ROI
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Thanks Karen,

Looking at the Turbine locations our links will not be affected.

Thanks and regards,

Alister



Alister Cole
Transmission Engineer

Mobile: 086 6024556
Email: Alister.Cole1@three.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 12 February 2021 16:32
To: Alister Cole <Alister.Cole1@three.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

CAUTION! External Email.

Hi Alister,

Its not decided yet, ranging 140m-160m RD.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Alister Cole <Alister.Cole1@three.ie>
Sent: Friday 12 February 2021 16:30
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Would you also have the rotor diameter please?

Thanks

Alister



Alister Cole
Transmission Engineer

Mobile: 086 6024556
Email: Alister.Cole1@three.ie

From: Alister Cole
Sent: 12 February 2021 14:26
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Perfect, much appreciated,

Thanks

Alister



Alister Cole
Transmission Engineer

Mobile: 086 6024556
Email: Alister.Cole1@three.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 12 February 2021 14:04

To: Alister Cole <Alister.Cole1@three.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

CAUTION! External Email.

Hi Alister,

Please see attached.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Alister Cole <Alister.Cole1@three.ie>

Sent: Friday 12 February 2021 13:57

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Thank you for sending the location kmz file. Would you also have the turbine location in Irish Grid coordinates?

Thanks and regards,

Alister



Alister Cole
Transmission Engineer

Mobile: 086 6024556
Email: Alister.Cole1@three.ie

From: Alan Hutchinson <alan.hutchinson@three.ie>
Sent: 12 February 2021 12:48
To: Karen Mulryan <kmulryan@mkoireland.ie>; Alister Cole <Alister.Cole1@three.ie>
Cc: DL Estates ROI <Estates@three.ie>
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Alister,

Please see correspondence from Karen on final proposed turbine locations.

Regards,
Alan.



Alan Hutchinson
RAN Programme and Commercial Manager

+353(0) 86 814 5316
alan.hutchinson@three.ie



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 12 February 2021 10:57
To: Gerry Callan <Gerry.Callan@three.ie>
Cc: Alan Hutchinson <alan.hutchinson@three.ie>; DL Estates ROI <Estates@three.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

CAUTION! External Email.

Good morning Gerry,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen

Shaun Doolin

From: Gerry Callan <Gerry.Callan@three.ie>
Sent: Tuesday 12 May 2020 10:45
To: Karen Mulryan
Cc: Alan Hutchinson; DL Estates ROI
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,

We would normally seek a 100m buffer, however once we have the turbine layout we can look at specific links and turbines more closely.

Hope this helps,

Best wishes,



Gerry Callan
Transmission Engineer

086 3884246
gerry.callan@three.ie



Make it count.

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 12 May 2020 10:41
To: Gerry Callan <Gerry.Callan@three.ie>
Cc: Alan Hutchinson <alan.hutchinson@three.ie>; DL Estates ROI <Estates@three.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Gerry,

What set back distance do you need for your links?

Regards,

Karen.



Karen Mulryan
Environmental Scientist

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+353 (0) 91 735611
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From: Gerry Callan <Gerry.Callan@three.ie>
Sent: 12 May 2020 09:36
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Alan Hutchinson <alan.hutchinson@three.ie>; DL Estates ROI <Estates@three.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Thank you for the various files supplied allowing us conduct our analysis of the impact this windfarm development might have on our network.

This is actually an area where we are currently optimising our service as new fibre is being delivered to one of the sites we use. Once it's in place in the next few months, our links in the area will be reconfigured as per the table below.

Site A	X	Y	Site B	X	Y	Band	Dish Height A
Lisnabin Killucan	255742	252754	Coillte Cockstown	264764	260496	15	27.3
Vodafone Delvin	259789	263451	Rathcore SDH	276204	244149	11	30
Ballivor Coillte	266371	255159	Delvin Coillte	259633	264651	18	30
Kinnegad	259835	247003	Ballivor Coillte	266371	255159	18	30
Vodafone Delvin	259789	263451	Ballivor Coillte	266371	255159	TBC	TBC
Vodafone Delvin	259789	263451	Coillte Cockstown	264764	260496	TBC	TBC
Vodafone Delvin	259789	263451	Delvin Coillte	259633	264651	TBC	TBC
Vodafone Delvin	259789	263451	Coillte Grange More	263369	253606	TBC	TBC

At present we have 4 links traversing the development area (the first 4 in the table), however 3 of these will be decommissioned in due course.

4 new links will be deployed in the area, 2 of which will not traverse the development area.

So the final layout in the region will be links 4, 5 and 8 (highlighted in amber) above. Those are the links you'll need to factor into your constraints planning for this development.

Once you have a confirmed turbine layout, do please let us know the coordinates (in Irish Grid format) and we'll import them into our planning tool to ensure that there is not impact on our existing network and to ensure future planning takes them into account as well.

Good luck with the development,

Best wishes,



Gerry Callan
Transmission Engineer

086 3884246
gerry.callan@three.ie



Make it count.

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 11 May 2020 11:11

To: Gerry Callan <Gerry.Callan@three.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Gerry,

Please see attached.

If you need anything else please let me know.

Regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Gerry Callan <Gerry.Callan@three.ie>

Sent: 08 May 2020 11:19

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

To enable us get a quick response back to you on this, would you have any of the following ...

1. A MapInfo Shapefile of the outline of the development area.
2. A Google Earth KMZ file of the outline of the development area.

3. An Excel file with Irish Grid coordinates of the extremities of the development area (NW, NE, SW, SE) which will allow us identify the development area on our planning tool.

Thanks in advance,

Best wishes,



Gerry Callan
Transmission Engineer

086 3884246
gerry.callan@three.ie



Make it count.

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 08 May 2020 10:30

To: Gerry Callan <Gerry.Callan@three.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.

Shaun Doolin

From: Stephenson, Chris, Vodafone Ireland (External) <chris.stephenson2@vodafone.com>
Sent: Wednesday 12 May 2021 11:53
To: Shaun Doolin
Cc: Byrne, Gavin, Vodafone Ireland; Lyons, Sean, Vodafone Ireland (External); Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,
Thanks for the update, that looks fine.

Kind regards
Chris

C2 General

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Friday 7 May 2021 15:56
To: Stephenson, Chris, Vodafone Ireland (External) <chris.stephenson2@vodafone.com>
Cc: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>; Lyons, Sean, Vodafone Ireland (External) <sean.lyons@vodafone.com>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Stephenson, Chris, Vodafone Ireland (External) <chris.stephenson2@vodafone.com>
Sent: Friday 26 February 2021 11:47
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>; Lyons, Sean, Vodafone Ireland (External) <sean.lyons@vodafone.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,
The proposed positions are fine.

Kind regards
Chris

C2 General

From: Lyons, Sean, Vodafone Ireland (External) <sean.lyons@vodafone.com>
Sent: Monday 15 February 2021 08:29
To: Stephenson, Chris, Vodafone Ireland (External) <chris.stephenson2@vodafone.com>
Cc: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Chris,

Could you please complete analysis on this proposed windfarm?

Please send your findings to:
Karen Mulryan <kmulryan@mkoireland.ie>



Sean Lyons

Transmission Program Manager

Converged Transmission

Technology- NET

+353877758117

sean.lyons@vodafone.com

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vodafone.ie

The future is exciting.
Ready?

C2 General

From: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>
Sent: Friday 12 February 2021 15:26
To: Lyons, Sean, Vodafone Ireland (External) <sean.lyons@vodafone.com>
Cc: Neill o', Shane, Vodafone Ireland <shane.oneill2@vodafone.com>
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Sean,

Can you ask one of the team to take a look at this windfarm development please?



Gavin Byrne

TX Planning & Design Engineer
Converged Transmission
+353876448159
gavin.byrne@vodafone.com

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Ireland: No. 326967

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From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 11:22
To: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning Gavin,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen



Karen Mulryan
Environmental Scientist

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From: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>
Sent: Monday 11 May 2020 13:34
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Exclusion zones are +30m from the maximum 1st Fresnel zone diameter, (from rotor tip) of each microwave. From the tower, +50m as a general rule, again from rotor tip, but the near field calculation like the Fresnel zone is frequency dependent.

Any turbine that resides within the 30m exclusion zone will need to be assessed by us directly

If you want further clarification, please let me know.

If you want me to analyse specific turbine locations and dimensions, by all means send them to me.

Thanks

Gavin

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Monday 11 May 2020 12:55
To: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Hi Gavin,

Do you have a set back distance for your links?

Thanks,

Karen.



Karen Mulryan
Environmental Scientist

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From: MKO-Admin <info@mkoireland.ie>
Sent: 08 May 2020 11:21

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

From: Byrne, Gavin, Vodafone Ireland

Sent: Friday 8 May 2020 11:19

To: MKO-Admin <info@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

For the attention of Karen Mulryan:

Hi Karen,

Can you please send all future correspondence to this Vodafone email address, the Netshare address is no longer valid and because of the forwarding rules, I was unable to find your email address, hence I have emailed this response to this address.

Please find attached list of potentially impacted microwaves. Of particular importance is the MPLS trunk microwave between WHLIN Kilucan and MH009 Faughan Hill. This is a trunk radio that carries a significant amount of traffic across our MPLS backhaul network.

If you have turbine locations that you want me to assess, please send them on.



Gavin Byrne

TX Planning & Design Engineer

Converged Transmission

+353876448159

gavin.byrne@vodafone.com

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Ireland: No. 326967

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Ready?

From: Gavin Byrne <gavin.byrne@netshare.ie>

Sent: Friday 8 May 2020 10:24

To: Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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U

From: Karen Mulryan
Sent: Friday 8 May 2020 10:24:17 (UTC+00:00) Dublin, Edinburgh, Lisbon, London
To: Gavin Byrne
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Peter O'Brien <peter.obrien@enet.ie>
Sent: Tuesday 11 May 2021 10:46
To: Shaun Doolin
Cc: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

125m is great, should be no issues for us,

Regards,
Peter

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Tuesday, May 11, 2021 10:33 AM
To: Peter O'Brien <peter.obrien@enet.ie>
Cc: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Hi Peter,

We have placed a minimum setback buffer of 50m either side of your links. However, our turbines are actually placed a minimum of 125m from your links.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Peter O'Brien <peter.obrien@enet.ie>
Sent: Tuesday 11 May 2021 10:10
To: Shaun Doolin <sdoolin@mkoireland.ie>
Cc: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

What is the setback distance from our links to the turbines?

Regards,
Peter

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Tuesday, May 11, 2021 10:06 AM
To: Peter O'Brien <peter.obrien@enet.ie>
Cc: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Hi Peter,

Thank you for getting back to me on this.

Could you please confirm that your links will not be impacted by our proposed turbine locations?

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Peter O'Brien <peter.obrien@enet.ie>
Sent: Monday 10 May 2021 07:58
To: Shaun Doolin <sdoolin@mkoireland.ie>
Cc: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

We still have just the two links passing through this windfarm:

Site A Coordinates	Site A Antenna Height	Site B Coordinates	Site B Antenna Height	Link Frequency
53°38'21.08"N 7°16'28.13"W	15m	53°24'18.20"N 6°44'45.50"W	20m	7GHz

53°38'21.08"N 7°16'28.13"W	15m	53°26'39.70"N 6°51'41.80"W	10m	13GHz
-------------------------------	-----	-------------------------------	-----	-------

Regards,
Peter

From: Shaun Doolin <sdoolin@mkofireland.ie>
Sent: Friday, May 7, 2021 4:35 PM
To: Peter O'Brien <peter.obrien@enet.ie>
Cc: Karen Mulryan <kmulryan@mkofireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations. I have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Karen Mulryan
Sent: Friday 12 February 2021 11:06
To: 'Peter O'Brien' <peter.obrien@enet.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Peter,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Shaun Doolin

From: Peter O'Brien <peter.obrien@enet.ie>
Sent: Tuesday 23 June 2020 12:41
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,

Between 100 - 150m,

Thanks,
Peter

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Tuesday, June 23, 2020 12:12 PM
To: Peter O'Brien <peter.obrien@enet.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Thanks Peter,

What buffer do you require for your links?

Regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Peter O'Brien <peter.obrien@enet.ie>
Sent: 23 June 2020 10:46
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

We have two links currently that are over this area, details below:

Site A Coordinates	Site A Antenna Height	Site B Coordinates	Site B Antenna Height	Link Frequency
53°38'21.08"N 7°16'28.13"W	15m	53°24'18.20"N 6°44'45.50"W	20m	7GHz
53°38'21.08"N 7°16'28.13"W	15m	53°26'39.70"N 6°51'41.80"W	10m	13GHz

Best Regards,
Peter

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Monday, June 22, 2020 3:08 PM

To: Peter O'Brien <peter.obrien@enet.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Peter,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directedly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. We would be grateful for any information regarding any telecoms links and buffers you have in the area so we can exclude them from our design. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Redmond. Myles (ESB Networks) <myles.redmond2@esb.ie>
Sent: Friday 14 May 2021 16:50
To: Shaun Doolin; McDonagh. Paul (ESB Networks)
Cc: Dalikeni. Wilson (ESB Networks); Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,

I have carried out further analysis on this windfarm and I can confirm that there will be no expected impact to our microwave and point to multipoint radio networks.

Regards,

Myles

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Friday 7 May 2021 16:37
To: Redmond. Myles (ESB Networks) <myles.redmond2@esb.ie>; McDonagh. Paul (ESB Networks) <paul.mcdonagh@esb.ie>
Cc: Dalikeni. Wilson (ESB Networks) <wilson.dalikeni@esb.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations. I have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Myles Redmond <myles.redmond2@esb.ie>
Sent: 10 July 2020 16:00
To: Paul McDonagh <paul.mcdonagh@esb.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Wilson Dalikeni <wilson.dalikeni@esb.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

I have checked the proposed area for the Scada point to multi point network and I do not envisage the proposed Windfarm development will not impact on any of our current infrastructure.

The nearest site to the development is Delvin 38kV and this is bearing north towards of our hillsites so will not be impacted.



Regards,

Myles

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Tuesday 7 July 2020 15:02
To: McDonagh. Paul (ESB Networks) <paul.mcdonagh@esb.ie>

Cc: Dalikeni. Wilson (ESB Networks) <wilson.dalikeni@esb.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Paul,

Would you be able to provide any detail on the UHF SCADA point to multi point radio links in the area. We are trying to come up with an interim design so coordinates would be very helpful.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist
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From: Paul McDonagh <paul.mcdonagh@esb.ie>

Sent: 13 May 2020 11:58

To: Karen Mulryan <kmulryan@mkoireland.ie>

Cc: Wilson Dalikeni <wilson.dalikeni@esb.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen

Going off the centre of site co-ordinates within the document, we have a couple of UHF SCADA point to multi point radio links in the area. It is OK from a point to point MW radio link perspective.

Would have details on the proposed turbine layout to review further.

Thanks

Paul

From: Dalikeni. Wilson (ESB Networks) <wilson.dalikeni@esb.ie>

Sent: Monday 11 May 2020 09:29

To: McDonagh. Paul (ESB Networks) <paul.mcdonagh@esb.ie>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Paul,

Can you please review this development and respond to developer.

Regards,

Shaun Doolin

From: Paul McDonagh <paul.mcdonagh@esb.ie>
Sent: Wednesday 13 May 2020 11:58
To: Karen Mulryan
Cc: Wilson Dalikeni
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen

Going off the centre of site co-ordinates within the document, we have a couple of UHF SCADA point to multi point radio links in the area. It is OK from a point to point MW radio link perspective.

Would have details on the proposed turbine layout to review further.

Thanks

Paul

From: Dalikeni. Wilson (ESB Networks) <wilson.dalikeni@esb.ie>
Sent: Monday 11 May 2020 09:29
To: McDonagh. Paul (ESB Networks) <paul.mcdonagh@esb.ie>
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Paul,

Can you please review this development and respond to developer.

Regards,

Wilson Dalikeni | WAN Team Manager, Networks Telecoms | ESB Networks | T: +353 1 702 6814 / +353 87 257 9770 | www.esbnetworks.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 8 May 2020 09:46
To: Dalikeni. Wilson (ESB Networks) <wilson.dalikeni@esb.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Pleanála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Pleanála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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An timpeallacht? - Smaoinigh air sula bpriontáileann tú an r-phost seo.
Please consider the Environment before printing this email.

* * * * *

Tá an t-eolas sa ríomhphost seo agus in aon chomhad a ghabhann leis rúnda agus ceaptha le haghaidh úsáide an té nó an aonáin ar seoladh chuige iad agus na húsáide sin amháin.

Is tuairimí nó dearcthaí an údair amháin aon tuairimí nó dearcthaí ann, agus ní gá gurb ionann iad agus tuairimí nó dearcthaí ESB.

Má bhfuair tú an ríomhphost seo trí earráid, ar mhiste leat é sin a chur in iúl don seoltóir.

Scanann ESB ríomhphoist agus ceangaltáin le haghaidh víreas, ach ní ráthaíonn sé go bhfuil ceachtar díobh saor ó víreas agus ní glacann dliteanas ar bith as aon damáiste de dhroim víreas.

<https://www.esb.ie/contact>

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Karen Mulryan

From: Paul Brunel <Paul.Brunel@imaginegroup.ie>
Sent: Thursday 2 September 2021 16:57
To: Karen Mulryan; Ronnie O'Neill
Cc: Shaun Doolin
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,
We have agreed the proposed set back as outlined by Kevin Hayes of AI Bridges on the 1st of July this year.
(Minimum 33m Clearance between blade tip and the 2nd fresnel zone).

Kind Regards,

Paul Brunel.
Transmission Planning.
Ph: 086 388 1962

Imagine Group.
Sandyford Business Centre.
Blackthorn Road, Sandyford, D18 AW89



From: [Karen Mulryan](#)
Sent: 02 September 2021 16:06
To: [Ronnie O'Neill](#); [Paul Brunel](#)
Cc: [Shaun Doolin](#)
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Hi Ronnie,

I am just following up with you to ensure the setbacks AI Bridges provided are agreed. The potential proposed construction period if this project was to get a grant wouldn't be until towards the end of the decade.

Kind regards,

From: Karen Mulryan
Sent: Tuesday 3 August 2021 16:04
To: 'Ronnie O'Neill' <Ronnie.ONeill@imaginegroup.ie>; 'Paul Brunel' <Paul.Brunel@imaginegroup.ie>; Shaun Doolin <sdoolin@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Ronnie,

Just want to confirm you received my email below regarding the potential construction timeframes if this project was to be successful in planning?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Karen Mulryan
Sent: Tuesday 27 July 2021 15:02
To: Ronnie O'Neill <Ronnie.ONeill@imaginegroup.ie>; Paul Brunel <Paul.Brunel@imaginegroup.ie>; Shaun Doolin <sdoolin@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Ronnie,

We are just in the pre-planning stage at the moment. If we were to get a consent, it is anticipated the project would commence construction in the latter half of the decade.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Ronnie O'Neill <Ronnie.ONeill@imginegroup.ie>

Sent: Friday 23 July 2021 09:06

To: Karen Mulryan <kmulryan@mkoireland.ie>; Paul Brunel <Paul.Brunel@imginegroup.ie>; Shaun Doolin <sdoolin@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen ,

We have agreed with AI Bridges that the locations of turbines T20 & T25 should have enough clearance to not cause us an issue but there is always an element of doubt .

I know this , at the moment , is the proposed layout but can you give an estimate of when these works might take place .

We currently have over approx 200x customers connected to our site & if the MW link is interfered with at all , we are in a very bad situation .

We do not have an alternative solution for connection onto our network .

It is something we will have to monitor very carefully as the construction works are progressing .

Rgds,
Ronnie .

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Wednesday 21 July 2021 10:17

To: Paul Brunel <Paul.Brunel@imginegroup.ie>; Shaun Doolin <sdoolin@mkoireland.ie>

Cc: Ronnie O'Neill <Ronnie.ONeill@imginegroup.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning Paul,

Further to our correspondence below, I believe AI Bridges were in touch regarding the setbacks from your links and an set back buffer of 30m from the 2nd Fresnel was agreed?

Can you confirm this is the case and you have no concerns regarding the proposed layout attached?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Paul Brunel <Paul.Brunel@imgrougroup.ie>
Sent: Tuesday 18 May 2021 15:58
To: Shaun Doolin <sdoolin@mkoireland.ie>
Cc: Ronnie O'Neill <Ronnie.ONeill@imgrougroup.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,
We need a 50m clearance buffer from the centre if our MW path.
Please let us know the radius of the turbine blades when you have this information.

Kind Regards,

Paul Brunel.
Transmission Planning.
Imagine Group.
Ph: 086 388 1962
imagine

t. +353 1 437 5000
m. +353 863832470
w. imagine.ie
Imagine

Sandyford Business Centre
Blackthorn Road, Sandyford, D18



AW89



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From: Shaun Doolin [<mailto:sdoolin@mkoireland.ie>]
Sent: 12 May 2021 14:12
To: Paul Brunel
Cc: Ronnie O'Neill; Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Hi Paul,

Thank you for getting back to me about this.

There is a 45m clearance buffer placed either side of your MW path.
You are correct in that T20 is approximately 131m from the MW path.
The radius of the turbine blades has not yet been determined for this development, but we do have a turbine tip height of 200m.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Paul Brunel <Paul.Brunel@imginergroup.ie>
Sent: Wednesday 12 May 2021 10:23
To: Shaun Doolin <sdoolin@mkoireland.ie>
Cc: Ronnie O'Neill <Ronnie.ONeill@imginergroup.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Shaun,
Thank you for the mail.
Please confirm that the new location for T20 will still leave a 50m clearance from our MW path.
T20 is now just over 130m from the MW path.
I trust that the Radius of the Turbine Blades will not exceed 80m.

Kind Regards,

Paul Brunel.

This email originated outside of the organisation - please exercise caution when opening attachments or clicking links.

Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations. I have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Karen Mulryan
Sent: Friday 12 February 2021 11:01
To: 'Ronnie O'Neill' <Ronnie.ONeill@imginigroup.ie>
Cc: Lorna Brennan <lorna.brennan@imginigroup.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Ronnie,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed turbine locations for your records.
If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Ronnie O'Neill <Ronnie.ONeill@imginegroup.ie>
Sent: Monday 11 May 2020 14:35
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Lorna Brennan <lorna.brennan@imginegroup.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen ,

We would require 50mtrs either side of the line I showed in the screenshot .

Thanks ,
Ronnie .

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Monday 11 May 2020 12:55
To: Ronnie O'Neill <Ronnie.ONeill@imginegroup.ie>
Cc: Lorna Brennan <lorna.brennan@imginegroup.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Ronnie,

Do you have a set back distance for your links?

Thanks,

Karen.



Karen Mulryan
Environmental Scientist

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From: Ronnie O'Neill <Ronnie.ONeill@imginegroup.ie>
Sent: 11 May 2020 11:50

Imagine have a Microwave Point to Point link that may be affected by this wind farm , depending on the exact locations of the turbines .

We have an installation on an Cellnex owned tower at the north east of the bog you have identified . It's a 36mtr mast known as Cellnex Cockstown (53.590497° / -7.022789°)

Our link connects to 3IRL Rathcore (53.442111° / -6.853837°) . The attached screenshot shows the path across which the link works .

Any installation along this path will cause an issue for Imagines' network .

Let us know when you have identified exact locations for the turbines and we can look into this further .

Rgds,
Ronnie .

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Friday 8 May 2020 09:50

To: Ronnie O'Neill <Ronnie.ONeill@imagegroup.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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www.mkoireland.ie

Shaun Doolin

From: Lawler Jamie <Jamie.Lawlor@irishrail.ie>
Sent: Wednesday 23 September 2020 14:06
To: Karen Mulryan
Cc: Quigley Tom
Subject: RE: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border
Attachments: Base station locations.png

Hello Karen,

Please find attached the coordinates of base stations on the Sligo line from Enfield to Mullingar. Enfield, Hill of Down and Mullingar have both UHF and GSMR equipment. The remaining sites have GSMR equipment only. Hill of Down additionally has a microwave link to Mt. Oriel (Lat 53N4729 Long 06W3044). I am not aware of any set back distances but will check with supplier.

Thanks,
Jamie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Wednesday 23 September 2020 11:54
To: Lawler Jamie <Jamie.Lawlor@irishrail.ie>
Subject: RE: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border
Importance: High

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Hi Jamie,

I would appreciate any list of links and coordinates you may have so we can map and subsequently avoid them. The Hill of Down is c.4km south of the proposed development site boundary.
Do you have set back distances from your base stations and links that we can incorporate into our design?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Lawler Jamie <Jamie.Lawlor@irishrail.ie>
Sent: Wednesday 23 September 2020 11:20
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: FW: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border

Hello Karen,

We currently have a UHF train radio system with base stations located along the track. This system provides communication between the signalman and the train driver. From the .kml file the closest base station to the site is Hill of Down. We are also in the process of rolling out a GSM radio system for train communication. I will get a list of sites for this.

We have a microwave radio link from Hill of Down to Mt. Oriel. The line of sight looks to be outside the area on the .kml but may need further investigation.

Regards,
Jamie

From: Quigley Tom <Thomas.Quigley@irishrail.ie>
Sent: Wednesday 23 September 2020 10:32
To: Lawler Jamie <Jamie.Lawlor@irishrail.ie>
Subject: FW: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border

Hi Jamie,

Please see below – can you review & respond.

Regards,

Thomas Quigley,
Telecoms Department

 please don't print this e-mail unless you really need to

From: PostMaster (CIE Group of Companies) [<mailto:Postmaster@cie.ie>]
Sent: 23 September 2020 10:29
To: Quigley Tom <Thomas.Quigley@irishrail.ie>
Subject: FW: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Monday 21 September 2020 15:00
To: PostMaster (CIE Group of Companies) <Postmaster@cie.ie>
Subject: FAO Thomas Quigley: 191137 proposed Ballivor Wind Farm, Meath/Westmeath Border

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Mimecast Attachment Protection has deemed this file to be safe, but always exercise caution when opening files.

Good afternoon Thomas,

We are undertaking an environmental impact assessment of a proposed wind farm at the Ballivor Bog Group on the Meath/Westmeath border.

Comreg recommended we contact you to determine if there are any potential telecoms links belonged to Irish Rail in the area.

Would you be able to review the attached and let us know if you have any queries, comments or concerns.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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Iarnrod Eireann Irish Rail, a designated activity company, limited by shares, registered in Ireland at Connolly Station, Dublin 1, No. 119571 VAT No. IE 4812851 O

Shaun Doolin

From: padraig.condon@bt.com
Sent: Friday 12 February 2021 12:45
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

I can confirm the proposed development will have no impact on the BT Ireland radio network.

Regards

Padraig Condon
Core Network Operations

Tel: +353014326819
Mobile number: +353 86 604 0636
BT Meetme: + 353 1 6569053
E-mail padraig.condon@bt.com
<https://www.webjoin.com/>
Participant: 40342233#
Web: www.btireland.com



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From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 12 February 2021 10:39
To: Condon,PG,Padraig,NQE32E R <padraig.condon@bt.com>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Padraig,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. I do not believe there are any ESB issues with the site; however, I would like to send you the proposed final turbine locations for your records.

Please see attached. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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From: padraig.condon@bt.com <padraig.condon@bt.com>

Sent: Thursday 7 May 2020 18:54

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

I can confirm the planned development will have no impact on the BT Ireland microwave network.

Regards

Padraig Condon
Core Network Operations

Tel: +353014326819

Mobile number: +353 86 604 0636

BT Meetme: + 353 1 6569053

E-mail padraig.condon@bt.com

<https://www.webjoin.com/>

Participant: 40342233#

Web: www.btireland.com



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From: Karen Mulryan [<mailto:kmulryan@mkoireland.ie>]

Sent: 07 May 2020 17:37

To: Condon,PG,Padraig,NQE32E R <padraig.condon@bt.com>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: Dominic Crudden <dominic.crudden@emrsolutions.ie>
Sent: Friday 12 February 2021 12:02
To: Karen Mulryan
Cc: info
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Thank you Karen.

Regards,

Dominic Crudden

Business Development Manager at [EMR Integrated Solutions](#)

<https://emr.ie/industries/renewable-energy>

From: Karen Mulryan [mailto:kmulryan@mkoireland.ie]
Sent: Friday 12 February 2021 10:48
To: Dominic Crudden <dominic.crudden@emrsolutions.ie>
Cc: info <info@emrsolutions.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Dominic,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. I do not believe there are any link issues with the site; however, I would like to send you the proposed final turbine locations for your records.

Please see attached. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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that any attachment hereto is free from computer viruses or other defects. The opinions expressed in this e-mail and any attachments may be those of the author and are not necessarily those of MKO

From: Dominic Crudden <dominic.crudden@emrsolutions.ie>
Sent: Friday 15 May 2020 15:50
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: info <info@emrsolutions.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Karen,

EMR Integrated Solutions do not have any radio links which are likely to be impacted by this development.

If you have any queries please let me know.

Regards,

Dominic Crudden
Business Development



Mobile: +353 (86) 7712819
DDI: +353 (1) 2552056
Office: +353 (1) 8013131
Fax: +353 (1) 8013166
Email: dominic.crudden@emrsolutions.ie
Website: <https://emr.ie/>



EMR Integrated Solutions is a trading name of MP&E Trading Company Limited, a company registered in Ireland under CRO number: 82403. Directors: A.Feenan, D.Glynn, M.Quinn, D.Shanley. WEEE Registration number IE00601.

All Quotes and Purchase Orders are subject to EMR standard Terms & Conditions which may be reviewed at www.emrsolutions.ie

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From: Karen Mulryan [<mailto:kmulryan@mkoireland.ie>]
Sent: Thursday 7 May 2020 17:52
To: Dominic Crudden <dominic.crudden@emrsolutions.ie>
Cc: info <info@emrsolutions.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath. The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Pleanála seeking a determination in relation to

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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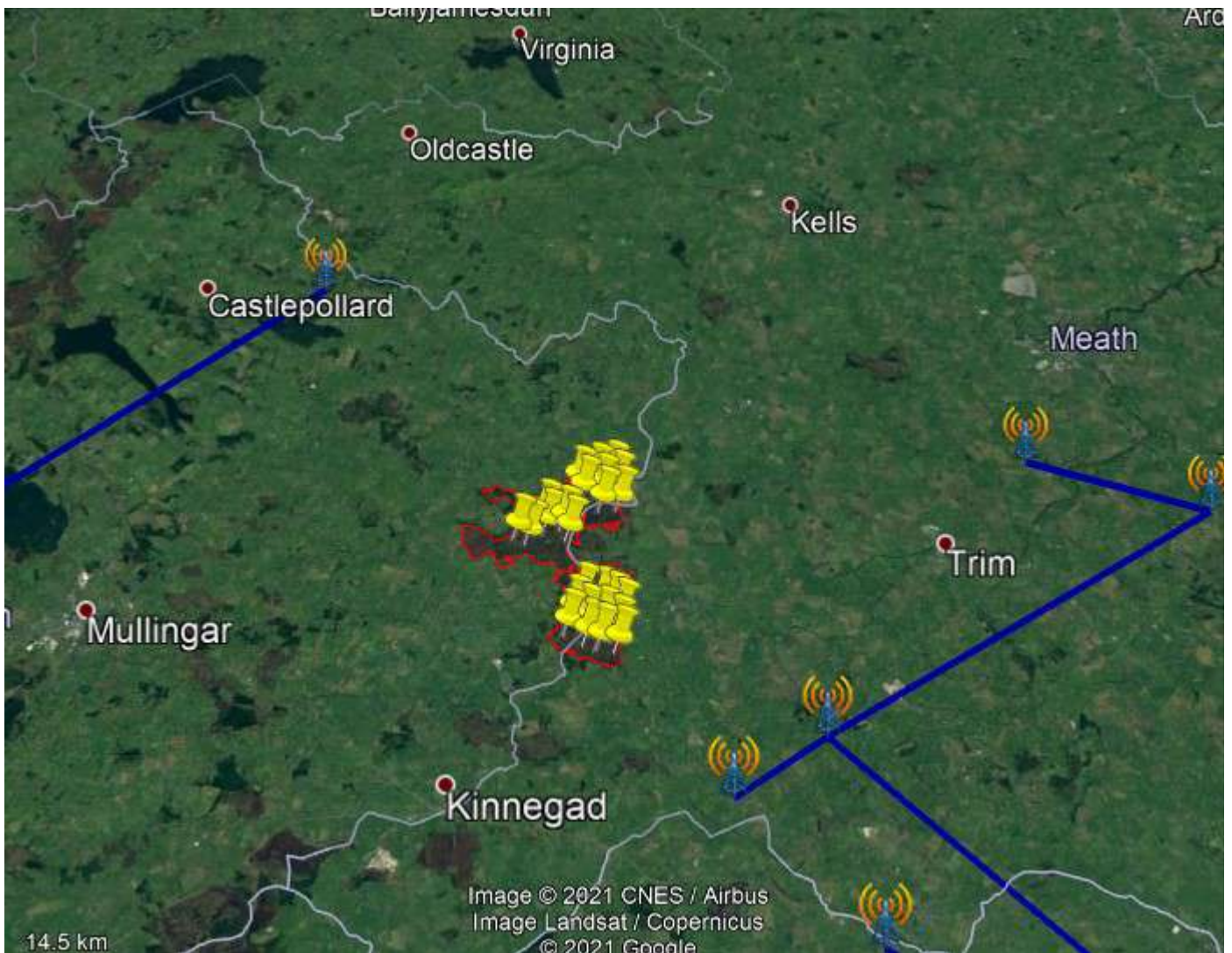
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Shaun Doolin

From: Adrian Carroll <adrian.carroll@ripplecom.net>
Sent: Friday 12 February 2021 11:27
To: Karen Mulryan; Licensing; Ripplecom Support
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

That shouldn't affect us, see below.



Regards,

Adrian Carroll | Network Operations Manager

T: 061 5711561 M: 086 8372264


E: adrian.carroll@ripplecom.net | W: ripplecom.net

Houston Hall, Raheen Business Park, Limerick, V94 PKF1



 Available

 Contactable

 Adaptable

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 12 February 2021 10:50

To: Adrian Carroll <adrian.carroll@ripplecom.net>; Licensing <licensing@ripplecom.net>; Ripplecom Support <support@ripplecom.net>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Adrian,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. I do not believe there are any link issues with the site; however, I would like to send you the proposed final turbine locations for your records.

Please see attached. If you have any comments, please let us know.

Kind regards,

Karen



Karen Mulryan
Environmental Scientist

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From: Adrian Carroll <adrian.carroll@ripplecom.net>

Sent: Thursday 9 July 2020 16:00

To: Karen Mulryan <kmulryan@mkoireland.ie>; Licensing <licensing@ripplecom.net>; Ripplecom Support <support@ripplecom.net>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

This will not impact our links.

Regards,

Adrian Carroll | Network Operations Manager

T: 061 5711561 M: 086 8372264

E: adrian.carroll@ripplecom.net | W: ripplecom.net

Houston Hall, Raheen Business Park, Limerick, V94 PKF1



From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 09 July 2020 15:51

To: Licensing <licensing@ripplecom.net>; Ripplecom Support <support@ripplecom.net>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

I previously sent the attached document two months ago Diarmuid O'Briain and Piotr Zurek but I have not a reply. Comreg has asked us to contact you in case there are any potential Ripplecom links or assets that run through the proposed site boundary.

Would you be able to review the attached? Could you let us know of any links you have going through the site and if any, what recommended buffers you would require from the rotor blade tips?

We would appreciate a response at your earliest convenience.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611



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From: Karen Mulryan

Sent: 08 May 2020 10:16

To: Diarmuid.obriain@ripplecom.net; piotr.zurek@ripplecom.net

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



Karen Mulryan

From: Manager DAU <Manager.DAU@chg.gov.ie>
Sent: Friday 26 June 2020 12:03
To: Karen Mulryan
Subject: Ballivor Wind Farm
Attachments: Ballivor Wind Farm.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

A chara,

Attached please find the heritage recommendations of the Department of Culture, Heritage, and the Gaeltacht for the above mentioned planning application.

Mise le meas,

Connor Rooney
Executive Officer

—

An Roinn Cultúir, Oidhreacht agus Gaeltachta
Department of Culture, Heritage and the Gaeltacht

Aonad na nIarratas ar Fhorbairt
Development Applications Unit

Bóthar an Bhaile Nua, Loch Garman, Contae Loch Garman, Y35 AP90
Newtown Road, Wexford, County Wexford, Y35 AP90

—

T +353 (0)53 911 7464
manager.dau@chg.gov.ie
www.chg.gov.ie

—

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@chg.gov.ie. Tá an ríomhphost seo arna sheiceáil ag scanóir víreas agus dealramh air go bhfuil sé glan.

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Your Ref: 191137
Our Ref: **G Pre00073/2020**
(Please quote in all related correspondence)

26 June 2020

MKO
Tuam Road
Galway
H91 VW84
Via email kmulryan@mkoireland.ie

Re: Ballivor Wind Farm

A chara

On behalf of the Department of Culture, Heritage and the Gaeltacht, I refer to correspondence received in connection with the above.

Outlined below are heritage-related observations/recommendations of the Department under the stated heading(s).

Nature Conservation

1. Cumulative impacts- this appears to suggest that the only cumulative impacts which will be considered are those with other wind farms within 20km of the proposed site. This would not adequately assess the potential impacts on wide ranging species especially those in migration such as geese and swans. Also cumulative effects should include more than just multiple wind farm effects. The cumulative effects of the proposed development with other types of projects should be considered. The indirect effects of the demands for resources to supply and build the development and the impacts these may have elsewhere should be assessed.
2. Interactions with the proposed development and the on-going peat extraction activities at the sites and any impacts arising should be considered. Also detailed rehabilitation plans should be prepared for the peatlands concerned within and adjacent to the proposed site and the potential impacts of the proposed development on rehabilitation of the peatlands should be considered and assessed in an EIAR. Hydrological changes which may prevent future rehabilitation of suitable areas of the site to peat forming habitat are of particular concern.
3. In deciding on the proposed layout of the proposed development, in addition to those proposed, adequate buffers should also be placed around important habitats and species in the locations identified in flora and fauna studies.
4. The EIAR should adequately address the potential impacts to determine local and international bird migration over the proposed site, particularly nocturnal migrants. In this regard, technological methods, for example, radar and sonar surveys, as



outlined in <https://www.nature.scot/sites/default/files/2017-09/Guidance%20note%20-%20Guidance%20on%20methods%20for%20monitoring%20bird%20populations%20at%20onshore%20windfarms.pdf> should be carried out.

5. Passive bat surveying at height should be undertaken to document highflying species such as Leisler bat. Risk to bats in terms of collision and barotrauma should be addressed.
6. The EIAR should include a robust post development mitigation monitoring plan.

You are requested to send further communications to this Department's Development Applications Unit (DAU) at manager.dau@chg.gov.ie (team monitored); if this is not possible, correspondence may alternatively be sent to:

The Manager
Development Applications Unit (DAU)
Department of Culture, Heritage and the Gaeltacht
Newtown Road
Wexford
Y35 AP90

Is mise, le meas

Connor Rooney
Development Applications Unit



Your Ref: 191137
Our Ref: **G Pre00073/2020**
(Please quote in all related correspondence)

26 June 2020

MKO
Tuam Road
Galway
H91 VW84
Via email kmulryan@mkoireland.ie

Re: Ballivor Wind Farm

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outlined in <https://www.nature.scot/sites/default/files/2017-09/Guidance%20note%20-%20Guidance%20on%20methods%20for%20monitoring%20bird%20populations%20at%20onshore%20windfarms.pdf> should be carried out.

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The Manager
Development Applications Unit (DAU)
Department of Culture, Heritage and the Gaeltacht
Newtown Road
Wexford
Y35 AP90

Is mise, le meas

Connor Rooney
Development Applications Unit

Shaun Doolin

From: EIAPanning <eiapanning@epa.ie>
Sent: Thursday 27 August 2020 09:50
To: Karen Mulryan
Subject: Scoping Opinion under Article 5(2) of Directive 2011/92/EU as amended by Directive 2014/52/EU (EIA Directive)
Attachments: 191137 Ballivor EIA Scoping Document Final 2020.04.15.pdf; HSE Response.pdf; Department of Agriculture Food and Marine Response.pdf; Failte Ireland Response.pdf

Dear Sir /Madam,

I refer to the scoping request for a wind energy development by Bord na Móna Powergen Ltd. located on the Ballivor Bog Group - Ballivor, Carranstown, Bracklin, Lisclogher, and Lisclogher West received by the Agency on 08/05/2020. In accordance with the requirements of Article 5 (2) of Directive 2011/92/EU as amended by Directive 2014/52/EU *on the assessment of the effects of certain public and private projects on the environment* (EIA Directive), the Agency has consulted with the Planning Authorities Westmeath County Council and Meath County Council and relevant prescribed bodies. I attach copies of the responses received from the Health Services Executive, the Department of Agriculture, Food & the Marine & Failte Ireland.

The Scoping Document provided refers to the land-use/activities within the proposed site comprising a mix of active peat extraction (IPC Licence No. 506), bare cutaway peat, re-vegetation of bare peat, degraded blanket bog, and other landuse. It should be noted that Bord na Mona Energy Limited, Kilberry Group, c/o Ballivor Works, Ballivor, Navan, Co. Meath was issued an IPC Licence (Register No. P0506) on 28th April 2000 for Class 1.4 of the First Schedule of the EPA Act 1992 *'the extraction of peat in the course of business which involves an area exceeding 50 hectares'*. The IPC licence may need to be reviewed or amended to accommodate the proposed development.

Having regard to the specific characteristics of the project, including location and technical capacity, and likely impact on the environment, the Agency is of the opinion that the scope and level of detail to be included in the environmental impact assessment report should as a minimum:

- (i) identify, describe and assess in an appropriate manner, in light of each individual case, the direct and indirect significant effects of a project on each of the factors listed in Article 3 of the EIA Directive;
- (ii) address the matters raised in the responses received from the authorities detailed above;
- (iii) have regard to the requirements of the draft *Guidelines on the information to be contained in Environmental Impact Assessment Reports*, as appropriate;
- (iv) have regard to the relevant topics contained in the EPA's *Advice Notes on Current Practice (in the preparation of Environmental Impact Statements)* September 2003;
- (v) satisfy the requirements of the EIA Directive.

If you require any further information in relation to this matter, please contact the undersigned.

For all further queries and correspondence relating to planning and EIA matters, please contact eiapanning@epa.ie

Yours faithfully,

Environmental Licensing Programme
Office of Environmental Sustainability
Tel: 053-9160600

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 08 May 2020 09:44

To: EIAPlanning <eiaplanning@epa.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
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+353 (0) 91 735611
www.mkoireland.ie



Karen Mulryan

From: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Sent: Thursday 28 May 2020 11:58
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Ms Mulryan,

I refer to your recent correspondence concerning the above and please find comments from the Department of Agriculture, Food & the Marine below;

If the proposed development will involve the felling or removal of any trees, the developer must obtain a Felling Licence from this Department before trees are felled or removed. A Felling Licence application form can be obtained from **Felling Section, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford**. Tel: 076-1064459, Web <https://www.agriculture.gov.ie/forests-service/tree-felling/tree-felling/>

A Felling Licence granted by the Minister for Agriculture, Food and the Marine provides authority under the Forestry Act 2014 to fell or otherwise remove a tree or trees and/or to thin a forest for silvicultural reasons. The Act prescribes the functions of the Minister and details the requirements, rights and obligations in relation to felling licences. The principal set of regulations giving further effect to the Forestry Act 2014 are the Forestry Regulations 2017 (S.I. No. 191 of 2017).

The developer should take note of the contents of **Felling and Reforestation Policy** document which provide a consolidated source of information on the legal and regulatory framework relating to tree felling; <https://www.agriculture.gov.ie/media/migration/forestry/tree-felling/FellingReforestationPolicy240517.pdf>. As this development is within forest lands, particular attention should be paid to deforestation, turbulence felling and the requirement to afforest alternative lands.

In order to ensure regulated forestry operations in Ireland accord with the principles of sustainable forest management (SFM), as well fulfilling the requirements of other relevant environmental protection laws, the Department (acting through its Forest Service division) must undertake particular consultations, and give certain matters full consideration during the assessment of individual Felling Licence applications. This includes consultation with relevant bodies, the application of various protocols and procedures (e.g. Forest Service Appropriate Assessment Procedure), and the requirement for applicants on occasion to provide further information (e.g. a Natura Impact Statement).

Consequently, when the Forest Service is considering an application to fell trees, the following applies:

1. The interaction of these proposed works with the environment locally and more widely, in addition to potential direct and indirect impacts on designated sites and water, is assessed. Consultation with relevant environmental and planning authorities may be required where specific sensitivities

arise (e.g. local authorities, National Parks & Wildlife Service, Inland Fisheries Ireland, and the National Monuments Service);

2. Where a tree Felling Licence application is received, the Department will publish a notice of the application before making a decision on the matter. The notice shall state that any person may make a submission to the Department within 30 days from the date of the notice. The notices for 2020 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-ia-publicconsultation-for-afforestation-forest-road-construction-and-felling-licences-2020/>
3. Third parties that make a submission or observation will be informed of the decision to grant or refuse the licence, and on request, details of the conditions attached to the licence, the main reasons and considerations on which the decision to grant or refuse the licence was based, and where conditions are attached to any licence, the reasons for the conditions. Both third parties and applicants will be also informed of their right to appeal any decision within 28 days to the Forestry Appeals Committee. Felling Licence decisions for 2020 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-2020-register-of-decisions/>

It is important to note that when applying to a **Local Authority**, or **An Bord Pleanàla**, for planning permission where developments are:

- a) subject to an EIA procedure (including screening in the case of a sub-threshold development) and any resulting requirement to produce an EIAR; and/or
- b) subject to an Appropriate Assessment procedure (including screening) and any resulting requirement to a Natura Impact Statement (NIS); and
- c) the proposed development in its construction or operational phases, or any works ancillary thereto, would directly or indirectly involve the felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species,
 1. that there is a requirement inter alia under the EIA Directive for an overall assessment of the effects of the project or the alteration thereof on the environment to be undertaken, including the direct and indirect environmental impact of the project;

and

2. pursuant to Article 2(3) of the EIA Directive, the Department of Agriculture, Food and the Marine strongly recommends that, notwithstanding the fact that a parallel consent in the form of felling licence may also have to be applied for, any EIAR and/or NIS produced in connection with the application for planning permission to the Local Planning Authority or An Bord Pleanàla, should include an assessment of the impact of and measures, as appropriate, to prevent, mitigate or compensate for any significant adverse effects direct or indirect identified on the environment

arising from such felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species.

Kind regards

Cathy Hewitt

Executive Officer

**An tAonad um Chomhordú Timpeallachta, An Rannóg um Athrú Aeráide agus Beartas Bithfhuinnimh,
Environmental Co-ordination Unit | Climate Change & Bioenergy Policy Division |**

An Roinn Talmhaíochta, Bia agus Mara

Department of Agriculture, Food and the Marine

Pailliún A, Páirc Gnó Grattan, Bóthar Átha Cliath, Port Laoise, Co Laoise, R32 K857

Pavilion A, Grattan Business Park, Dublin Road, Portlaoise, Co Laois, R32 K857

T +353 (0)57 868 9915 environmentalco-ordination@agriculture.gov.ie

www.agriculture.gov.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Monday 11 May 2020 09:50

To: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

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As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
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Department of Agriculture, Food and the Marine

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An Roinn Talmhaíochta, Bia agus Mara

Tá an t-eolais san ríomhphost seo, agus in aon ceangláin leis, faoi phribhléid agus faoi rún agus le h-ghaigh an seolaí amháin. D'fhéadfadh ábhar an seoladh seo bheith faoi phribhléid profisiúnta nó dlíthiúil. Mura tusa an seolaí a bhí beartaithe leis an ríomhphost seo a fháil, tá cosc air, nó aon chuid de, a úsáid, a chóipeál, nó a scaoileadh. Má tháinig sé chugat de bharr dearmad, téigh i dteagmháil leis an seoltóir agus scríos an t-ábhar ó do ríomhaire le do thoil.

Karen Mulryan

From: planning applications <planning.applications@failteireland.ie>
Sent: Monday 18 May 2020 15:30
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.
Attachments: Fáilte Ireland EIAR Guidelines.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Hello Karen,

Thank you for your email regarding the preparing of an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border.

Please see attached a copy of Fáilte Ireland's Guidelines for the Treatment of Tourism in an EIS, which we recommend should be taken into account in preparing the EIAR. The purpose of this report is to provide guidance for those conducting Environmental Impact Assessment and compiling an Environmental Impact Assessment Reports (EIAR), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines outlined in section 2.

Regards,

Yvonne

Yvonne Jackson

Product Development-Environmental & Planning Support | Fáilte Ireland
Áras Fáilte, 88/95 Amiens Street, Dublin 1. D01WR86
T +353 (0)1 884 7224 | www.failteireland.ie



 Please consider the environment before printing this email

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 8 May 2020 09:48
To: planning applications <planning.applications@failteireland.ie>
Cc: Yvonne Jackson <Yvonne.Jackson@failteireland.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Karen Mulryan
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Fáilte Ireland
National Tourism Development Authority

EIAR Guidelines for the Consideration of Tourism and Tourism Related Projects



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1. Introduction

Tourism is a growing sector and substantial part of the Irish Economy. It contributes to both urban and rural economies in every part of the country. The impact and interaction of tourism with the environment is complex and the assessment of environmental impacts is of utmost importance to creating a sustainable tourism economy and protecting the natural resources that are so often a tourism attraction.

The purpose of this report is to provide guidance for those conducting Environmental Impact Assessment and compiling an Environmental Impact Assessment Reports (EIAR), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines outlined in section 2.

This guidance document has been prepared by Cunnane Stratton Reynolds on behalf of Fáilte Ireland to update their EIA guidelines in line with changes in legislative requirements.

2. Background to this Document

Tourism is one of the largest and most important sectors of the economy, providing employment for approximately **260,000 people**, an economic contribution of **€8.4 billion**, and exchequer revenue of **€1.78 billion** in 2018, which helps fund other key public services.

In 2018 Ireland welcomed **10.6 million overseas visitors**.

Fáilte Ireland is the National Tourism Development Authority. Fáilte Irelands role is to support the tourism industry and work to sustain Ireland as a high-quality and competitive tourism destination. They provide a range of practical business supports to help tourism businesses better manage and market their products and services.

Fáilte Ireland also work with other state agencies and representative bodies, at local and national levels, to implement and champion positive and practical strategies that will benefit Irish tourism and the Irish economy.

Fáilte Ireland promotes Ireland as a holiday destination through a domestic marketing campaign (DiscoverIreland.ie) and manage a network of nationwide tourist information centres that provide help and advice for visitors to Ireland.

Tourism related projects cover a broad range of plans, programmes and developments, from the Wild Atlantic Way to a single hotel conversion. These guidelines apply to projects involving or impacting upon tourism. A tourism plan, strategy or programme where it is part of the statutory plan making process under the Planning and Development Acts (as amended), may be more appropriately assessed by a Strategic Environmental Assessment (SEA) as discussed in the next section.

It should be borne in mind that EIA is required where there is anticipated to be a significant impact on the environment, where tourism projects are of a prescribed type or meet thresholds identified below.

Where Natura 2000 Designated Sites are potentially affected by tourism development Appropriate Assessment must be carried out by the appropriate authority in accordance with Article 6(3) of the EU Habitats Directive.

3. Legislation and Statutory Guidance

Environmental Impact Assessment is a procedure that ensures that the environmental implications of decisions are taken into account before planning based decisions are made. The assessment results in a report, called an Environmental Impact Assessment Report (EIAR).

Legislation

These guidelines are produced under current EIAR legislative requirements, having regard to Directive 2011/92/EU (known as 'Environmental Impact Assessment' – EIA Directive), as amended by Directive EU 2014/52 which came into effect in May of 2017. These requirements were transposed into Irish Law on 1 September 2018 as most of the provisions of the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018) came into effect. The principle of both Directives is to ensure that plans, programmes and projects likely to have significant effects on the environment are made subject to an environmental assessment, prior to their approval or authorisation.

Statutory Guidance

In response to the changes to the EIAR requirements under Directive EU 2014/52, the Environmental Protection Agency (EPA) developed Draft guidelines on the information to be contained in Environmental Impact Assessment Reports in August 2017. At the time of this document the guidelines have not been adopted from draft.

In addition to the EPA statutory guidance, the Department of Housing has produced Guidelines for Planning Authorities and An Bord Pleanála on carrying out Environmental Impact Assessment in August 2018.

The process of EIA is set out in the EPA EIAR Guidelines, which this document should be read in conjunction with and used as supplementary guidance to. The process for ascertaining whether an EIAR is required is known as 'screening' and the process to determine the breadth and scope of an EIAR is known as 'scoping'. Guidance on this can be found in Section 3.2 of the EPA Guidelines.

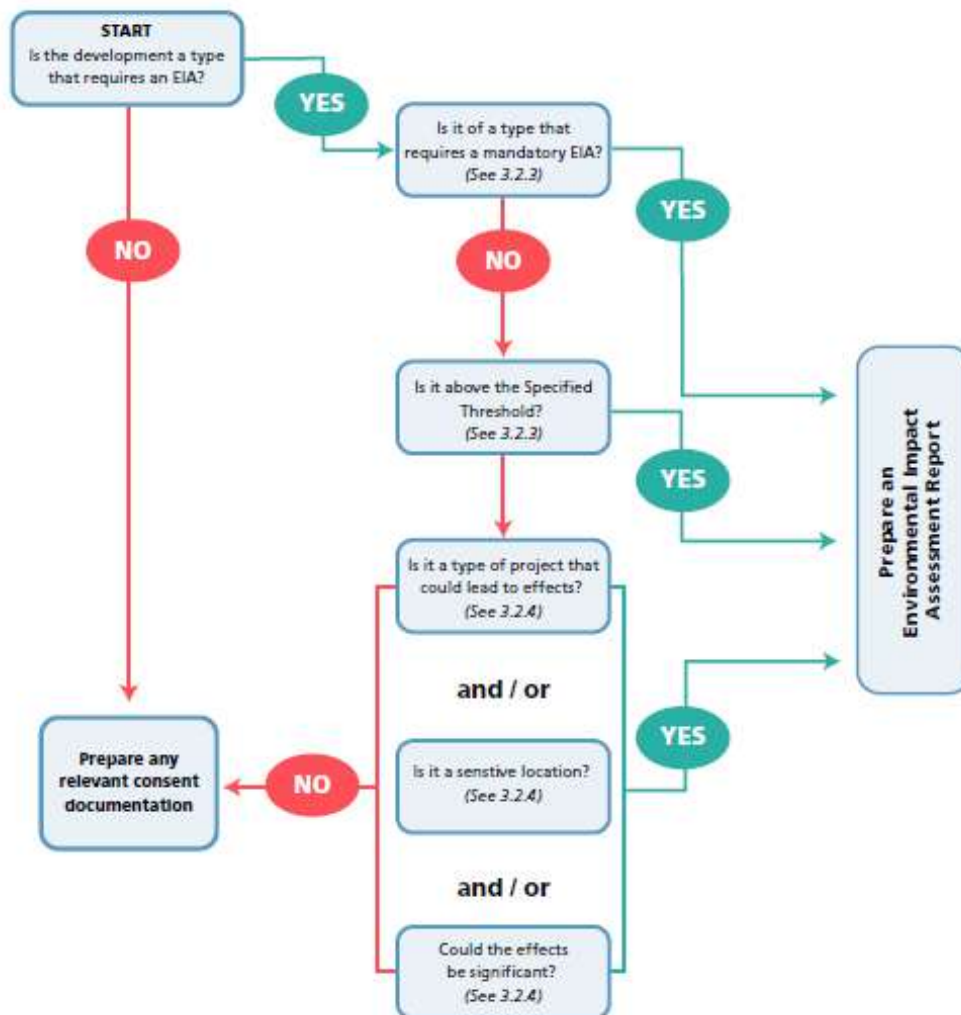
Screening

Through EIAR Screening, developments are either considered as requiring an EIAR due to the project type or because they exceed a threshold level. The screening process begins by establishing whether the proposal is a 'project' as understood by the Directive (as amended).

The prescribed development types and thresholds are set out in Annex I and II of the EIA Directive as transposed into Schedule 5 of the Planning and Development Regulations 2010-2018 (as amended). Development which do not exceed these thresholds but may require an EIAR are called sub threshold. Sub-Threshold considerations are outlined in Schedule 7 of European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018) as transposed from Annex III of the Directive. The Guidelines on Environmental Impact Assessment Reports note that projects at first glance may not appear to come under the Schedule

but on closer examination when the process is further examined, they may do so because of the sensitivity or significance of the receiving environment etc. Sub threshold developments require an EIAR if they are likely to have significant environmental impacts and must undergo assessment for likely significant impacts through an EIAR screening report. The contents of a screening report for subthreshold development are contained in Annex III of the EIA Directive.

Figure 1: EIAR Screening Process



(Taken from Fig 3.2 of the EPA Guidelines)

Tourism locations should be identified as sensitive receptors in screening assessments for particular impacts, depending on scale and sensitivity, as they would in a full EIAR. Section 6 below can act as guidance for Screening Reports as well as for full EIAR.

The screening process for considering where an EIAR is necessary, is summarised below in Figure 1 (excerpted from Figure 3.2 of the EPA Guidelines).

Strategic Environmental Assessment (SEA) is a more strategic level of environmental assessment that examines plans, policies, objectives and programmes specifically rather than projects. For some tourism developments it may be more appropriate that they be examined through SEA, while individual projects or specific proposals are likely to be more assessed through EIAR. If a project is part of a plan, programme or policy/objective assessed by SEA there will still be a requirement for an EIAR for that development.

EIAR Scoping

Scoping an EIAR is an opportunity to look at the breadth of issues and ensure that any areas of possible significant impact are assessed. Identifying sensitivities and stakeholders should take account of tourism facilities and consider Fáilte Ireland in scoping requests where necessary.

4. Assessing Tourism

There is no legal definition of 'tourism' in Irish legislation. The UNWTO definition of sustainable tourism is *"Tourism that takes full account of its current and future economic, social and environmental impacts, addressing the needs of visitors, the industry, the environment and host communities"*. This is widely accepted as a key definition of tourism as we move to a more sustainable future.

Tourism assessments are frequently carried out by economic consultants and by specific tourism consultants. It is always advisable, particular for tourism projects, that suitably qualified and experienced personnel are used to determine the impact of tourism related projects or to assess the impact of more general proposals on a tourism asset identified in a particular location. There is a requirement for EIAR under current legislation to contain a statement of competency within all EIAR documents, including screening and scoping reports.

Projects which involve a tourism element

Tourism projects are wide ranging and diverse. While there are some projects which cater to tourism and are easily identified as such - Hotels, Museums, etc. there are other projects where tourism is a key service or element, but which may not be immediately obvious - forest trails, community facilities and others. EIAR conducted for developments containing tourist elements should be completed in accordance with the current guidance from the EPA.

Projects which include a tourism element have potential particular environmental effects which differ from a non-tourism development. These impacts can be intermittent, event related, inconsistent, dependent on weather, temporal, temporary or seasonal. This is considered within the prescribed environmental topics for EIAR outlined in Section 7 below.

Projects which may have an impact upon tourism

While tourism projects may be diverse, the projects which can impact tourism are considerably more wide ranging, from large infrastructural developments to local energy developments. Disruption to or suppression of a tourist resource or amenity can have very local or more strategic impacts, directly or indirectly- for example energy projects in a rural area can have both a negative and positive impact in different regards. There can be temporary, periodic or even seasonal impacts occurring during construction or operational periods.

According to the Fáilte Ireland Tourism Facts 2018 Report, the most important factors in determining the attractiveness of tourism destinations for visitors to Ireland are;

- Beautiful Scenery and Unspoiled Environment
- Hospitality
- Safety
- Nature, Wildlife and Natural Attractions
- History and Culture
- Pace of Life

These factors used for the promotion of tourism in Ireland are also barometers of sensitivity to change in tourism sensitive or dominant locations where development may have an impact upon the tourism asset. The potential for development to impact these sensitivities, and the environmental criteria under which they can be considered, are identified in section 7 of the guidelines.

5. Guiding Principles of EIAR

As outlined in the EPA Draft EIAR Guidelines, the fundamental principles to be followed when preparing an EIAR, including screening and scoping, are:

- Anticipating, avoiding and reducing significant effects
- Assessing and mitigating effects
- Maintaining objectivity
- Ensuring clarity and quality
- Providing relevant information to decision makers
- Facilitating better consultation.

Environmental assessment should be undertaken in accordance with the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018.

6. Consideration of Competency and Qualifications

As per Section 2.5 of the EPA Guidelines, EIAR is required to be completed by 'competent experts'.

Contributors to the preparation of environmental impact assessment reports, including screening and scoping assessments, should be qualified and competent. Sufficient expertise, in the relevant field of the project concerned, is required for the purpose of its examination by the competent authorities in order to ensure that the information provided by the developer is complete and of a high level of quality so that a full and proper assessment can be undertaken.

For tourism related projects, or projects likely to affect tourism assets, competent experts in the area of tourism should be utilised in the environmental assessment.

The competency of all involved in the production of an EIAR or any related report (eg. Screening and scoping) is required to be stated at the beginning of the EIAR report with further details as necessary in each following chapter.

Where tourism projects involve for example heritage or cultural components, input from heritage consultants, conservation architects, or historians may be required.

7. EIAR Requirements

The following are the key requirements for an EIAR under the current guidance. This is not a definitive list and should be read in conjunction with regulations.

- project description;
- assessment of alternatives considered;

- baseline assessment;
- impact assessment;
- cumulative impact
- interaction of impacts
- mitigation.

Project Description

Project descriptions are required to describe the whole project including site, scale, design and key factors. It is important that the EIAR and design team have a consistent understanding of the development description in full. The key requirements are outlined in section 3.5 of the EPA Guidelines however they identify the following;

- the location of the project
- the physical characteristics of the whole project
- the main characteristics of the operational phase of the project
- an estimate, by type and quantity, of the expected residues and emissions

The location of the project should include identifying key sensitive receptors (including tourism receptors). In the operational phase of the project any tourism based, or potentially tourism related activity, should be identified.

Assessment of Alternatives

The assessment of alternatives is a requirement of EIAR

Where tourism projects are location dependent the assessment of alternatives should consider alternative methods and technologies, detail the key considerations culminating in the selection of the design, the reasoning for these and the environmental effect of these decisions. This is particularly important for tourism projects which are often location tied. The developer is expected to consider reasonable alternatives. What is considered reasonable may vary from case to case.

Baseline Assessment

Baseline descriptions are evidence based, current descriptions of environmental characteristics with consideration of likely changes to the baseline environment evidenced in planning histories, unimplemented permissions, and applications pending determination. Baseline assessments should identify any tourism sensitivities in the zone of influence of a development. This zone of influence of a development is highly dependant on its **Context, Character, Significance, and Sensitivity**, as outlined in the Draft Guidelines. These characteristics apply to both the development and the environment.

For example, in a tourism context;

The location of sensitive tourism resources that are likely to be directly affected should be highlighted, and other premises which although located elsewhere, may be the subject of in combination impacts such as alteration of traffic flows or increased urban development.

The character of an area from a tourism perspective should be described and the principal types of tourism in the area. Where relevant, the specific environmental resources or attributes in the existing environment which each group uses or values should be stated and where relevant, indicate the time, duration or seasonality of any of those activities.

The significance of the tourism assets or activities likely to be affected should be highlighted. Reference to any existing formal or published designation or

recognition of such significance should be. Where possible the value of the contribution of such tourism assets and activities to the local economy should be provided.

If there are any significant concerns or opposition to the development known to exist among tourism stakeholders and interest groups, this should be highlighted. Identify, where possible, the particular aspect of the development which is of concern, together with the part of the existing tourism resource which may be threatened or impacted.

In addition, the baseline should include any methodologies employed in the study to obtain information, if particular databases are used to locate sensitive receptors they should be acknowledged. In relation to tourism information, the suggested information sources at the end of this document are a non-exhaustive list which may be of assistance in identifying tourism receptors.

Impact Assessment

The topics for consideration of impact are prescribed in the EIA Directive and transcribed into Irish law by the European Union (Planning and Development) (Environmental Impact Assessment) Regulations 2018 (S.I. No. 296 of 2018). Impact assessment should contain the likely significant effects of a development arising from both construction and operation of a development. Advice on describing the effects is contained within the Draft Guidelines and includes the **quality, significance, extent, probability, type** and **duration** of the effect, with particular descriptors for each. In describing effects upon tourism receptors these descriptors should take account of the particular aspects and sensitivities of tourism, for example a temporary annual effect from a development may have different impacts upon tourism if it falls at peak season rather than off-peak.

Impact assessment should be carried out as per EPA guidelines and the best practice for that prescribed topic. It may be considered appropriate to consider impact on tourism assets under the 'material assets' topic below.

Population and Human Health

The consideration of tourism projects within the Population and Human Health is extensive, with impacts ranging from rural employment population impacts of seasonal tourism, to the health impact of air pollution from increased traffic in urban areas.

The impact upon tourism can be considered within this section through the sensitivities of Hospitality, Safety and Pace of Life. Changes in population can impact the perception of pace of life or safety in a particular location. Impacts upon these issues in areas which rely heavily on tourism or have a particular sensitive tourism generator should be considered in this section.

Biodiversity

Particular tourist activities can have a significant impact upon biodiversity. Landscapes which are 'unspoiled' can be attractors of tourism. However, the disturbance to ecology must be managed to minimise impact. Biodiversity is also a tourism asset and should be protected as such from other development and should be provided for in proposals where possible.

Land, Soils and Geology

A link between tourism and this prescribed environmental factor, beyond the normal development impacts, is rare, however particular activities or facilities which use geological features may have an impact upon soils and geology, such as mountain biking trails, recreational uses of old quarries etc. Indirect impacts such as material use for extensive landscaping and public realm should also be considered.

Water

Tourism uses can be water intense, depending on development type. Recreational use of a surface water feature, water-based leisure centres etc have different impacts to standard development.

Air Quality and Climate

Tourism impact upon air quality is dependent on activity proposed and sensitivity of the location.

Noise and Vibration

A link between tourism and this prescribed environmental factor, beyond the normal development impacts, is rare, however the impact upon tourism of issues of noise and vibration can be significant. Construction adjoining hotels for example should consider the sensitivity of the development and ensure mitigation is in place.

Material Assets; Traffic and Transport

The different transport patterns associated with tourism activities is a key impact of tourism and should be considered especially for tourism projects. These produce temporal and seasonal changes on the norm and specialist consideration and interpretation should be given. Tourism proposals should, where possible, be well served by public transport and should be accessible by modes other than the car. The impact of traffic on tourism assets can be substantial and can vary in severity according to season, the weather, etc. The impact of construction traffic can be a particular concern in tourism sensitive areas in terms of noise pollution and visual impact. The construction programme of developments should work to avoid peak tourism periods in tourism areas and should consider planned or anticipated tourism events and festivals.

Cultural Heritage

Cultural heritage can be a key component of tourism projects and the impact of tourism on the maintenance of cultural heritage should be given the utmost consideration, whether positive or negative. As a tourism attraction, cultural heritage should be strongly considered in non-tourism developments and the impact upon tourism considered as a potential impact.

Archaeology

Archaeology can be of tourism interest and can be an attractive or key component of tourism projects. Archaeology can be a tourism attractor but is generally not kept in situ except in key cases which could also be considered under cultural heritage.

Material Assets; Waste Management

Tourism is a resource heavy activity and can impact waste streams and waste segregation. Impacts here should be considered strongly and with knowledge of the variation that arises from the particular tourist activity. Waste and Waste disposal issues can also impact the perception of an unspoiled environment, effecting tourism, which should be considered.

Material Assets

Material assets are utilities and infrastructure. Tourism itself could be considered a material asset as its impact upon the economy and the infrastructure in place to support it is a material consideration in assessing economic impact.

Landscape

The visual impact of a tourism development, especially in locations which are visually sensitive or renowned for their scenic or landscape beauty, should be considered carefully. A

development intended to utilise or enjoy a particular vista or environment should minimise impact upon that environment.

Major Accident and Natural Disaster

There is a requirement for tourist developments to describe expected significant effects on the environment of the proposed development's vulnerability to major accidents and/or natural disasters relevant to it. Where appropriate measures should be identified to prevent or mitigate the significant adverse effects of such accidents or disasters, including resulting from climate change, on the environment and detail the preparedness for the proposed response.

Interaction of Effects

Where two or more environmental impacts combine or interact they should be considered under the prescribed topics. It is best practice to provide a table of interactions within an EIAR or EIAR Screening Report.

Mitigation

Mitigation should follow the hierarchy of minimisation in descending order of preference- Avoid, Reduce, Remedy

Avoid sensitive tourism resources- such as views, access and amenity areas including habitats as well as historical or cultural sites and structures.

Reduce the exposure of sensitive resources to excessive environmental impact

Reduce the adverse effects to tourism land uses and patterns of activities, especially through interactions arising from significant changes in the intensity of use or contrasts of character or appearance.

Remedy any unavoidable significant residual adverse effects on tourism resources or activities.

Mitigation measures must be measurable and achievable within the bounds of the project.

Cumulative Impact

The cumulative impact is that of the project combined with any known likely project which will interact or compound an environmental impact.

Transboundary Impact

Transboundary impacts should be included in EIAR. In the case of tourism, especially international travel, the transboundary impacts may not be proximate to the EIAR site.

8. Sources of information on Tourism

Information available online

Fáilte Ireland

Fáilte Ireland offers detailed research analysis and insights into the Irish Tourism Industry. The National Tourism Development Authority has a portfolio of research across a number of areas including facts and figures, briefing papers and reports and visitor feedback. The Fáilte Ireland website has a dedicated research library which can be accessed [here](#)

Tourism Ireland

Tourism Ireland is responsible for marketing the island of Ireland overseas as a holiday and business tourism destination. Tourism Ireland publishes a range of research documents including; visitor facts and figures, seasonal updates and industry insights which are accessible [here](#)

Local Authorities

Local Authorities are an invaluable source of information. They produce tourism strategies and audits of tourism assets within their jurisdiction. Local authorities will also produce landscape and seascape studies. Protected views and prospects as well as the record of protected structures and other designated protected buildings are contained within the Statutory Development Plans.

Regional Authorities

Regional Authorities can also be consulted on high level strategic tourism and potential Regional Spatial and Economic Strategies (RSEs) should be consulted.

Central Statistics Office

The Central Statistics Office (CSO) is Ireland's national statistical office and their purpose is to impartially collect, analyse and make available statistics about Ireland's people, society and economy. The Tourism and Travel Section of the Central Statistics Office is the major source for tourism statistics in Ireland and is updated regularly.

Shaun Doolin

From: planning applications <planning.applications@failteireland.ie>
Sent: Monday 10 May 2021 12:00
To: Shaun Doolin
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hello Shaun,

Thank you for the update.

Regards,

Yvonne

Yvonne Jackson

Product Development-Environment & Planning Support | Fáilte Ireland
Áras Fáilte, 88/95 Amiens Street, Dublin 1. D01WR86
T +353 (0)1 884 7224 | M +353 (0) 860357590 | www.failteireland.ie



Please consider the environment before printing this email

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Friday 7 May 2021 16:38
To: planning applications <planning.applications@failteireland.ie>
Cc: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

[ATTENTION] 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.

Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations. I have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

MKO
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Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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From: Karen Mulryan
Sent: Friday 12 February 2021 12:36
To: 'planning applications' <planning.applications@failteireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
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Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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From: planning applications <planning.applications@failteireland.ie>
Sent: Monday 18 May 2020 15:30
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hello Karen,

Thank you for your email regarding the preparing of an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border.

Please see attached a copy of Fáilte Ireland's Guidelines for the Treatment of Tourism in an EIS, which we recommend should be taken into account in preparing the EIAR. The purpose of this report is to provide guidance for those conducting Environmental Impact Assessment and compiling an Environmental Impact Assessment Reports (EIAR), or those assessing EIARs, where the project involves tourism or may have an impact upon tourism. These guidelines are non-statutory and act as supplementary advice to the EPA EIAR Guidelines outlined in section 2.

Regards,

Yvonne

Yvonne Jackson

Product Development-Environmental & Planning Support | Fáilte Ireland
Áras Fáilte, 88/95 Amiens Street, Dublin 1. D01WR86
T +353 (0)1 884 7224 | www.failteireland.ie



Please consider the environment before printing this email

From: Karen Mulryan <kmulryan@mkofireland.ie>

Sent: Friday 8 May 2020 09:48

To: planning applications <planning.applications@failteireland.ie>

Cc: Yvonne Jackson <Yvonne.Jackson@failteireland.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Pleanála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Pleanála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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www.mkoireland.ie



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Karen Mulryan

From: Clare Glanville <Clare.Glanville@DCCAIE.gov.ie>
Sent: Monday 18 May 2020 17:48
To: Karen Mulryan
Cc: John Butler; Clare Glanville
Subject: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath
Attachments: 20_91_191137 Proposed BnM Powergen Ltd Wind Farm Development, Ballivor, Meath,Westmeath.pdf
Follow Up Flag: Follow up
Flag Status: Flagged

Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Your Ref: 191137.
Our Ref: 20/91

Dear Karen,

With reference to your correspondence of 08 May 2020, concerning the Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border, please find attached Geological Survey Ireland's comments and observations.

If you need any further information or have any queries, please do not hesitate to contact me, Dr. Clare Glanville (clare.glanville@gsi.ie)

Regards,
Clare



Dr Clare Glanville Senior Geologist Geoheritage & Geological Mapping.

Geological Survey Ireland, Beggars Bush, Haddington Road, Dublin D04 K7X4, Ireland.

T +353 (0)1 678 2837 E clare.glanville@DCCAIE.gov.ie www.gsi.ie

A division of the Department of Communications, Climate Action & Environment.

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Tá eolas sa teachtaireacht leictreonach seo (agus b'fhéidir sa chomhaid ceangailte leis) a d'fhéadfadh bheith príobháideach nó faoi rún. Is le h-aghaidh an duine/na ndaoine nó le h-aghaidh an aonáin atá ainmnithe thuas agus le haghaidh an duine/na ndaoine sin amháin atá an t-eolas. Murab ionann tusa agus an té a bhfuil an teachtaireacht ceaptha dó bíodh a fhios agat nach gceadaítear nochtadh, cóipeáil, scaipeadh nó úsáid an eolais agus/nó an chomhaid seo. Más trí earráid a fuair tú an teachtaireacht leictreonach seo cuir, más é do thoil é, an té ar sheol an teachtaireacht ar an eolas láithreach. Deimhnítear leis seo freisin nár aims odh víreas sa phost seo tar éis a scanadh.

Karen Mulryan

From: Niko Taktikos <taktikos@water.ie>
Sent: Tuesday 19 May 2020 13:19
To: Karen Mulryan
Cc: Ali Robinson
Subject: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath
Attachments: IW_Response_EIARScoping_Meath.pdf
Importance: High
Follow Up Flag: Follow up
Flag Status: Flagged

Dear Ms Mulryan,

Please find an attachment of Irish Waters response to EIAR scoping consultation for the Proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border Wind Farm Development as requested.

If you have any further questions, please do not hesitate to contact us for more information.

Best regards,

Niko Taktikos, PhD

Planning Referral Officer
Development Management | Connections and Developer Services

Irish Water

Colvill House, 24-26 Talbot Street, Dublin 1, Ireland


Uisce Éireann

Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath 1, Éire

T: 01 82 30356

E: taktikos@water.ie

W: www.water.ie

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Thank you for your attention.

Tá an fhaisnéis á seachadadh dírithe ar an duine nó ar an eintiteas chuig a bhfuil sí seolta amháin agus féadfar ábhar faoi rún, faoi phribhléid nó ábhar atá íogair ó thaobh tráchtála de a bheith mar chuid de. Tá aon athsheachadadh nó scaipeadh den fhaisnéis, aon athbhreithniú ar nó aon úsáid eile a bhaint as, nó aon ghníomh a dhéantar ag brath ar an bhfaisnéis seo ag daoine nó ag eintitis nach dóibh siúd an fhaisnéis seo, toirimiscthe agus féadfar é a bheith neamhdhleathach. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Uisce Éireann le haon dliteanas faoi ghnímh nó faoi iarmhairtí bunaithe ar úsáid thoirmiscthe na faisnéise seo. Níl Uisce Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire. Féadfar ríomhphost a bheith soghabhálach i leith truaillithe, idircheaptha agus i leith leasaithe neamhúdaraith. Ní ghlacann Uisce Éireann le haon fhreagracht as athruithe nó as idircheapadh a rinneadh ar an ríomhphost seo i ndiaidh é a sheoladh nó as aon dochar do chórais na bhfaighteoirí déanta ag an teachtaireacht seo nó ag a ceangaltáin. Más é do thoil é, tabhair faoi deara chomh maith go bhféadfar monatóireacht a dhéanamh ar theachtairachtaí chuig nó ó Uisce Éireann chun comhlíonadh le polasaithe agus le caighdeáin Uisce Éireann a chinntiú agus chun ár ngnó a chosaint. Fochuideachta gníomhaíochta de chuid Ervia is ea Uisce Éireann atá faoi theorainn scaireanna, de bhun fhorálacha an tAcht um Sheirbhísí Uisce 2013, a bhfuil a bpríomh ionad gnó ag 24-26 Teach Colvill, Sráid na Talbóide, BÁC 1.

Go raibh maith agat as d'aird a thabhairt.

Karen Mulryan

From: info IWT <info@iwt.ie>
Sent: Tuesday 12 May 2020 16:34
To: Karen Mulryan
Subject: Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Karen,

Thank you for your email.

We do not have the capacity to consider or respond to your scoping / consultation request for this development at this time.

Regards,
The Irish Wildlife Trust

On Fri, 8 May 2020 at 15:24, Karen Mulryan <kmulryan@mkoireland.ie> wrote:

Good afternoon,

I am aware you do not have the capacity to engage in consultation for proposed planning developments; however, I am emailing you a copy for your records.

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
MKO

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www.mkoireland.ie



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Irish Wildlife Trust, Sigmund Business Centre, 93A Lagan Road, Glasnevin, Dublin 11

Facebook: IrishWildlifeTrust

Twitter: @irishwildlife

Phone: 01-8602839

Karen Mulryan

From: INFO <Information@tii.ie>
Sent: Friday 12 June 2020 15:34
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Ms. Mulryan,

Transport Infrastructure Ireland (TII) acknowledges receipt of your EIAR Scoping request in respect of the above proposed project, received by email on 8 May 2020.

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national roads network. It is also an investment priority of the National Development Plan, 2018 – 2027, to ensure that the extensive transport networks which have been greatly enhanced over the last two decades, are maintained to a high level to ensure quality levels of service, accessibility and connectivity to transport users.

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 application referred.

The approach to be adopted by TII in making such submissions or comments will seek to uphold official policy and guidance as outlined 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.

TII notes that the consultation documentation identifies a Wind Farm site area of a stated c. 2,460 ha. located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, both located in Co. Westmeath. The site area is approximately 10km north of the M4 and approximately 3km south east of the N52. With respect to EIAR Scoping issues, the recommendations indicated below provide only general guidance for the preparation of EIAR, which may affect the national road network. The developer should have regard, *inter alia*, to the following:

1. As outlined in the '*Spatial Planning and National Roads Guidelines for Planning Authorities*' (DoECLG, 2012), the primary purpose of the national road network is to provide strategic transport links between the main centres of population and employment, including key international gateways such as the main ports and airports, and to provide access between all regions. The EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network in order to demonstrate that the development can proceed complementary to safeguarding the capacity, safety and operational efficiency of that network.
2. In relation to the proposed development site, the scheme promoter should note locations of existing and future national road schemes and develop proposals to safeguard proposed road schemes. Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to locations of existing and future national road schemes.
3. In relation to grid connection and cable routing, proposals should be developed to safeguard proposed road schemes as TII will not be responsible for costs associated with future relocation of cable routing where proposals are catered for in an area of a proposed national road scheme. In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.
[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 adjoining the national road,](#)

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.

4. Clearly identify 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. 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.
5. Where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to 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 TII TTA Guidelines which addresses requirements for sub-threshold TTA.
6. TII Standards should be consulted to determine the requirement for Road Safety Audit (RSA) and Road Safety Impact Assessment (RSIA).
7. Assessments and design and construction and maintenance standards and guidance are available at [TII Publications](#) that replaced the NRA Design Manual for Roads and Bridges (DMRB) and the NRA Manual of Contract Documents for Road Works (MCDRW).
8. The developer, in conducting Environmental Impact Assessment, should have regard to TII Environment Guidelines that deal with assessment and mitigation measures for varied environmental factors and occurrences. In particular;
 - a. 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),
 - b. 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)).

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

Yours sincerely,

Mark Byrne
Regulatory & Administration Unit



From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 08 May 2020 10:33

To: INFO <Information@tii.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

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The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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Karen Mulryan

From: Cormac McCarthy <cormac.mccarthy@waterwaysireland.org>
Sent: Thursday 14 May 2020 16:45
To: Karen Mulryan; Sabine Browne
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Karen

The proposed development is not located on lands under the jurisdiction of Waterways Ireland and we do not hold relevant records to inform you assessment.

Regards

Cormac

Cormac McCarthy
Environment & Heritage Officer

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday, May 8, 2020 1:26 PM
To: Sabine Browne <Sabine.Browne@waterwaysireland.org>; Cormac McCarthy <cormac.mccarthy@waterwaysireland.org>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Karen Mulryan

From: Orla McGann <orla.mcgann@westmeathcoco.ie>
Sent: Monday 18 May 2020 10:03
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Karen
Many thanks for your quick response

Kind Regards
Orla

Orla McGann, Senior Executive Planner, Planning Department, Westmeath County Council, Áras an Chontae, Mullingar, Co. Westmeath
044 9332095 | orla.mcgann@westmeathcoco.ie | www.westmeathcoco.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Monday 18 May 2020 09:47
To: Orla McGann <orla.mcgann@westmeathcoco.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Orla,

Please see attached.

Regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
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From: Orla McGann <orla.mcgann@westmeathcoco.ie>

Sent: 18 May 2020 09:43

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good Morning Karen,

In order to inform our response to your Scoping request in relation to Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath, can you please forward a shapefile of the portion of the application site within Co. Westmeath.

Kind Regards,
Orla

Orla McGann, Senior Executive Planner, Planning Department, Westmeath County Council, Áras an Chontae, Mullingar, Co. Westmeath
044 9332095 | orla.mcgann@westmeathcoco.ie | www.westmeathcoco.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 08 May 2020 09:44

To: EIAPanning <eiaplanning@epa.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning,

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If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Karen Mulryan

From: Eamonn Brennan <ebrennan@westmeathcoco.ie>
Sent: Friday 15 May 2020 16:02
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Follow Up Flag: Follow up
Flag Status: Flagged

Karen,

Is this an informal or formal request under Article 95 (2) of the Planning & Development Regulation 2001 as amended?

Eamonn Brennan
Administrative Officer
Central Planning
Tel No.: 044-9332165
E-mail: ebrennan@westmeathcoco.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 8 May 2020 13:29
To: Eamonn Brennan <ebrennan@westmeathcoco.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

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Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Meath County Council



Planning Report

RE: Comments on EIAR Ballivor Wind Farm

There is no objection to utilising the grouped format structure as supported by the EPA guidelines in respect of EIAR. Furthermore the Planning Authority is satisfied that the Chapters to be included is compliant with the EPA Guidelines on the information to be contained in Environmental Impact Assessment Report.

The following outlines the comments of the Planning Authority in respect of the scoping document:

(1) Alternatives Considered

This section should include specific reasoning for the site chosen as well as the turbine design, number and height of same and the alternatives considered. It is also important to examine the alternative substation connection points considered i.e. not only the proposed substation/ grid connection.

(2) Noise and Vibration

The following comments have been received from the Environment Department regarding potential Noise Impact:

- Clearly establish all NSLs located within 500 metre radii of each turbine.
- Separate noise limits to be proposed for daytime and nighttimes.
- In low noise environments where background noise is <30dB(A) its recommended that a daytime limit of LA90,10min of the development noise be limited to between 35-40dB(A).
- A lower limit of 45dB(A) or a maximum increase of 5dB(A) above the background noise at the nearest NSL is considered appropriate to provide protection to neighbours of such a development.
- Manufacturers test data of the specific turbines being proposed to be used when modelling the impact of the development on any NSLs.
- All impacts of mechanical noise, aerodynamic noise and noise characteristics shall be examined to include wind shear effect.
- Noise impacts during the construction phase and operational phase to be addressed separately.

(3) Traffic and Transport

The proposed scoping document, in particular Section 6.2.3.2.6, appears to include all the necessary Traffic and Transportation chapters needed to assess the implications of the proposed development.

(4) Air Quality and Climate

This section needs to reference the source of aggregate material and the potential impacts from same as well as the dusts generated by traffic movements from same.

(5) Ecology

Please arrange to liaise with Loreto Guinan, Heritage Officer, Meath County Council (loreto.guinan@meathcoco.ie) prior to the preparation of any Ecological Reports, Biodiversity Chapters or the Natura Impact Statement.

(6) Water Quality, Hydrology and Hydrogeology

The EIS should adequately address the matter of effluent disposal during construction phase. A hydrogeological assessment should be provided to assess the potential impacts of the development on public water supply boreholes as well as private wells.

From a Flood Risk Management perspective and with reference to the DOEHLG / OPW publication 'The Planning System and Flood Risk Management, Guidelines for Planning Authorities: *This development includes for the construction of a wind energy development which is classified as a 'highly vulnerable development'*.

With reference to Meath County Councils Mapinfo flood mapping for the relevant area, the development site is partially situated in Flood Zone A i.e. *where the probability of flooding is greater than 1% from fluvial flooding; i.e. at high risk of flooding and partially in Flood Zone B where the probability of flooding is between 0.1% and 1% from fluvial flooding; i.e. at medium risk of flooding.*

The aforementioned guidelines call for a 'Justification test' to rigorously assess the appropriateness or otherwise of the proposed development. The guidelines are specific in what is required to be submitted in this regard.

Therefore, having regard to the Meath County Development Plan in which it is a policy to consider the DOEHLG / OPW publication 'The Planning System and Flood Risk Management, Guidelines for Planning Authorities' and with reference to Meath County Councils Mapinfo flood mapping for the relevant area in which the proposed development site is shown to be partially situated in Flood Zones A and B, i.e. parts of the application site are at medium to high risk of flooding, the scope of the applicants submission to the Planning Authority shall include the application of the 'development management Justification test' as set out in Chapter 5 of the same guidelines to rigorously assess the appropriateness of the proposed development and shall include all matters relating to this Justification test and all matters relevant to flood risk on the proposed development site.

Regarding potential impacts on Water, the following comments are made:

EIAR should provide detailed information on existing and proposed drainage layout for the site, to identify drainage pathways to all receiving surface watercourses and associated sub-catchments.

Assessment of existing water quality in downstream surface waters should be based on most recent EPA data including Biological Surveys of Water Quality (2018 for Boyne catchment).

Consideration to be given to augmenting assessment with water quality surveys and stream habitat / biological surveys at receiving surface waters.

Potential impacts from the development on water quality should be assessed against: objectives of EU Water Framework Directive, EC Environmental Objectives (Surface Waters) Regulations 2009, as amended, and EC Environmental Objectives (Groundwater) Regulations 2010

- protection of downstream fisheries resource
- protection of downstream drinking water abstractions
- protection of qualifying interests of R. Boyne and R. Blackwater SAC and SPA

Assessment of potential impacts on water quality and mitigation measures should address potential issues including

- Silt / sediment runoff from earthworks, road construction, excavations in construction phase into watercourses.
- Drainage or dewatering of bog areas with potential for elevated Ammonium and Suspended Solids in discharges to surface waters. Ammonium issue to be assessed having regard to EQSs in EC Environmental Objectives (Surface Waters) Regulations.
- Prevention of hydrocarbon contamination from plant and machinery refuelling, accidental spills.
- Details of proposed mitigation methods to prevent silt, peat, suspended solids emissions from the site to waters, including details on design of attenuation or treatment systems where relevant. Mitigation measures to be adequate to address risks to waters in high rainfall episodes.

In relation to the identified consultees for the process – NPWS and Inland Fisheries Ireland should be consulted. IFI Western RBD is referenced in document but receiving waters are part of Boyne catchment so IFI Dublin Office should be consulted.

(7) Archaeological, Architectural and Cultural Heritage

The LVIA should include views of the proposed development to and from surrounding buildings, features and sites listed in the Record of Protected Structures.

(8) Landscape and Visual Assessment

Section 9.10 of the Meath County Development Plan states at LC OBJ 5 “ *To preserve the views and prospects and the amenity of places and features of natural beauty or interest listed in Appendix 12 and shown on map 9.5.1 from development that would interfere with the character and visual amenity of the landscape.*” That being the case, the Planning Authority would recommend that an appraisal be undertaken of all protected views to determine the impacts of the development on same. A robust landscape and visual impact assessment must be included within the EIAR. There are two protected views (View 83 and View 55) both of which will have to be assessed (VIA for each) with regard to the affect that the proposal would have.

Frank O'Donnell
Executive Planner

Billy Joe Padden
A/ Senior Executive Planner

DRAFT

Karen Mulryan

From: euplanningregulation <euplanningregulation@housing.gov.ie>
Sent: Monday 18 May 2020 16:02
To: Karen Mulryan
Subject: EIAR Scoping Document – Ballivor Wind Farm

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Ms. Mulryan,

I wish to acknowledge receipt of your recent correspondence to the DHPLG in relation to the Ballivor Wind Farm scoping exercise.

I wish to inform that under Section 30 of the Planning and Development Act 2000, as amended, the Minister for Housing, Planning and Local Government is specifically precluded from exercising any power or control in relation to any particular case with which a planning authority or An Bord Pleanála is or may be concerned.

As a result, we will not be offering any comments in this matter.

kind regards
Morgan

Morgan O Reilly

EU and Interantional Planning Regulation, Planning Division

An Roinn Tithíochta, Pleanála agus Rialtais Áitiúil
Department of Housing, Planning and Local Government

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

T (+353) 1 8882710
www.tithiocht.gov.ie www.housing.gov.ie

Is faoi rún agus chun úsáide an té nó an aonán atá luaite leis, a sheoltar an ríomhphost seo agus aon comhad atá nasctha leis. Má bhfuair tú an ríomhphost seo trí earráid, déan teagmháil le bhainisteoir an chórais.

Deimhnítear leis an bhfo-nóta seo freisin go bhfuil an teachtaireacht ríomhphoist seo scuabtha le bogearraí frithvíorais chun víorais ríomhaire a aimsiú.

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This footnote also confirms that this email message has been swept by anti-virus software for the presence of computer viruses.

Karen Mulryan

From: Juliet Ryan <Juliet.Ryan@ervia.ie>
Sent: Friday 17 July 2020 15:32
To: Karen Mulryan
Cc: Susan Clarke; Emma Oliveira; Kehoe, John
Subject: Bord na Mona Powergen Ltd - Proposed Windfarm at Ballivor

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Karen

Your scoping request in respect of the above was passed on to us by Jacobs.

Many thanks for affording us the opportunity to provide comments with respect to the EIA process and the preparation of the EIAR.

Having reviewed the relative locations of the proposed Ballivor windfarm project and the current proposed route of the Water Supply Project (WSP), we are generally satisfied that the distance (at least c.30km at nearest point) between both projects would render cumulative environmental impacts unlikely. The only obvious potential cumulation at this stage may be traffic haul routes during the construction phase (i.e. both projects using M4). This may be something to be live to as you progress the project and associated EIAR, but I would not consider it significant given the purpose and capacity of the national motorway network.

Please don't hesitate to contact me directly on any issue arising, and best of luck with the project.

Kind regards

Juliet Ryan
Planning and Compliance Manager – Major Projects

ervia

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Thank you for your attention.

Shaun Doolin

From: Defence Property Management Planning
<PropertyManagementPlanning@defence.ie>
Sent: Friday 12 February 2021 16:48
To: Karen Mulryan
Cc: Gareth O'Flaherty (Defence); Sarah Zacharia (Defence)
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Karen,

We wish to acknowledge receipt of your e-mail for a proposed Windfarm Development at Ballivor, Meath/Westmeath.

We will consult with our Military colleagues and revert in due course.

Best regards

Don

Don Watchorn

Property Management Branch

An Roinn Cosanta

Department of Defence

Bóthar an Stáisiúin, An Droichead Nua, Contae Chill Dara, W12 AD93.

Station Road, Newbridge, Co.Kildare, W12 AD93.

T +353 (0)45 492199

E-mail don.watchorn@defence.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 15:26
To: Raymond Myles (Defence) <Raymond.Myles@defence.ie>; Defence Property Management Planning <PropertyManagementPlanning@defence.ie>
Cc: Gareth O'Flaherty (Defence) <Gareth.OFlaherty@defence.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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www.mkoireland.ie



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From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 7 May 2020 17:43
To: Raymond.Myles@defence.ie
Cc: Gareth O'Flaherty <Gareth.O'Flaherty@defence.ie>; eilish.keating@defence.ie
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.

Shaun Doolin

From: Defence Property Management Planning
<PropertyManagementPlanning@defence.ie>
Sent: Friday 19 February 2021 17:06
To: Karen Mulryan
Cc: Gareth O'Flaherty (Defence); Sarah Zacharia (Defence)
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good evening Karen,

In response to your e-mail below re. proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Having consulted with our Air Corps colleagues, The Department of Defence would like to make the following observations:

1. All turbines or tall structures, should be illuminated by high intensity obstacle lights that will allow the hazard be identified and avoided by aircraft in flight.
2. Obstruction lights used should be incandescent or of a type visible to Night Vision Equipment. Obstruction lighting fitted to obstacles must emit light at the near Infra-Red (IR) range of the electromagnetic spectrum specifically at or near 850nanometres (nm) of wavelength. Light intensity to be of similar value to that emitted in the visible spectrum of light.
3. Due to the nature of flight operations by the Irish Air Corps the above mentioned are separate to any ICAO and IAA lighting requirements.

Please contact me if you have any queries in this regard.

Best regards

Don

Don Watchorn

Property Management Branch

An Roinn Cosanta

Department of Defence

Bóthar an Stáisiúin, An Droichead Nua, Contae Chill Dara, W12 AD93.

Station Road, Newbridge, Co.Kildare, W12 AD93.

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E-mail don.watchorn@defence.ie

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Sent: Friday 12 February 2021 16:48
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Cc: Gareth O'Flaherty (Defence) <Gareth.OFlaherty@defence.ie>; Sarah Zacharia (Defence) <Sarah.Zacharia@defence.ie>
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Good afternoon Karen,

We wish to acknowledge receipt of your e-mail for a proposed Windfarm Development at Ballivor, Meath/Westmeath.

We will consult with our Military colleagues and revert in due course.

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Don Watchorn

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Cc: Gareth O'Flaherty (Defence) <Gareth.OFlaherty@defence.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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Sent: Thursday 7 May 2020 17:43
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Cc: Gareth O'Flaherty <Gareth.O'Flaherty@defence.ie>; eilish.keating@defence.ie
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

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The proposed project will likely encompass 25-35 turbines and will have an output of at least 50megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Shaun Doolin

From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Sent: Monday 15 February 2021 11:11
To: Karen Mulryan
Cc: Planning
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Karen,

Thank you for the email and the additional materials.

Based on the information provided and the turbines appear to be positioned in excess of 10km radius from Athboy Aerodrome, the Authority has no specific requirements for integration into the Environmental Impact Assessment Report.

Should this proposal proceed to a formal planning application, the Authority will make the general observations that 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 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.

Best Regards,

Christophe

Christophe O'Brien
Aerodromes Inspector
Safety Regulation Division
Irish Aviation Authority
T: + 353 (1) 603 1492
M: + 353 86 33 22022
E: christophe.o'brien@iaa.ie



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 13:06
To: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Cc: Planning <planning@iaa.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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

Hi Cristophe,

Please see attached. The propose Tip height is 200m.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Sent: Friday 12 February 2021 11:10
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Planning <planning@iaa.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Hi Karen,

Thank you for your email, do you have pdf versions of the files that you could forward?

A table with the WGS-84 coordinates, the blade tip height and the elevation of each proposed turbine would also be very useful in terms of reviewing the proposal.

Best Regards,

Christophe

Christophe O'Brien
Aerodromes Inspector
Safety Regulation Division
Irish Aviation Authority
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M: + 353 86 33 22022
E: christophe.o'brien@iaa.ie



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 11:00
To: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>

Cc: Planning <planning@iaa.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning Christophe,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>

Sent: Friday 8 May 2020 14:48

To: Karen Mulryan <kmulryan@mkoireland.ie>

Cc: Planning <planning@iaa.ie>

Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Karen,

Your email was forwarded to me by my colleague Audrey in Corporate Affairs.

I note the centroid coordinate provided in the study, do you have a contour map / WHS-84 coordinates at this stage giving the indicative positions of the turbines?

You are relatively proximate to the licensed aerodrome of Athboy, also known as Ballyboy airfield. We would be particularly keen to understand the likely most North – Westerly positioned turbine on this basis as it may have an impact on aircraft operations at the aerodrome.

Can you please provide further information in this regard?

Best Regards,

Christophe

Christophe O'Brien

Aerodromes Inspector
Safety Regulation Division
Irish Aviation Authority
T: + 353 (1) 603 1492
M: + 353 86 33 22022
E: christophe.o'brien@iaa.ie



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 08 May 2020 09:54
To: IAA INFORMATION <iaainfo@IAA.ie>; RAFFERTY Audrey <audrey.rafferty@iaa.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

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If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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www.mkoireland.ie

Shaun Doolin

From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Sent: Wednesday 12 May 2021 15:37
To: Shaun Doolin
Cc: Planning; Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Shaun,

Thank you for the email and the updated materials.

Based on the information provided and that the turbines continue to appear to be positioned in excess of 10km radius from Athboy Aerodrome, the Authority has no specific requirements for integration into the Environmental Impact Assessment Report.

Should this proposal proceed to a formal planning application, the Authority will make the general observations that 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 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.

Best Regards,

Christophe

Christophe O'Brien
Aerodromes Inspector
Safety Regulation Division
Irish Aviation Authority
T: + 353 (1) 603 1492
M: + 353 86 33 22022
E: christophe.o'brien@iaa.ie



From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: Friday 7 May 2021 16:01
To: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Cc: Planning <planning@iaa.ie>; Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Sent: Monday 15 February 2021 11:11
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Planning <planning@iaa.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good morning Karen,

Thank you for the email and the additional materials.

Based on the information provided and the turbines appear to be positioned in excess of 10km radius from Athboy Aerodrome, the Authority has no specific requirements for integration into the Environmental Impact Assessment Report.

Should this proposal proceed to a formal planning application, the Authority will make the general observations that 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 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.

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Hi Cristophe,

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Thank you for your email, do you have pdf versions of the files that you could forward?

A table with the WGS-84 coordinates, the blade tip height and the elevation of each proposed turbine would also be very useful in terms of reviewing the proposal.

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Christophe

Christophe O'Brien

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Irish Aviation Authority
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Cc: Planning <planning@iaa.ie>
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Kind regards,

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Environmental Scientist

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From: O'BRIEN Christophe <Christophe.O'BRIEN@IAA.ie>
Sent: Friday 8 May 2020 14:48
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Planning <planning@iaa.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Karen,

Your email was forwarded to me by my colleague Audrey in Corporate Affairs.

I note the centroid coordinate provided in the study, do you have a contour map / WHS-84 coordinates at this stage giving the indicative positions of the turbines?

You are relatively proximate to the licensed aerodrome of Athboy, also known as Ballyboy airfield. We would be particularly keen to understand the likely most North – Westerly positioned turbine on this basis as it may have an impact on aircraft operations at the aerodrome.

Can you please provide further information in this regard?

Best Regards,

Christophe

Christophe O'Brien
Aerodromes Inspector
Safety Regulation Division
Irish Aviation Authority
T: + 353 (1) 603 1492
M: + 353 86 33 22022
E: christophe.o'brien@iaa.ie



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: 08 May 2020 09:54
To: IAA INFORMATION <iaainfo@IAA.ie>; RAFFERTY Audrey <audrey.rafferty@iaa.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale

lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist

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Ireland, H91 VW84
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=====

Shaun Doolin

From: Trish Smullen <Trish.Smullen@gsi.ie>
Sent: Thursday 4 March 2021 13:36
To: Karen Mulryan
Cc: Clare Glanville; John Butler
Subject: 21/66 [20/91_191137]Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Dear Karen,

With reference to your email dated 12 February 2021, regarding the Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath, please note that Geological Survey Ireland has no specific comment or observations to make on this matter at this time since our last response.

If you have any further queries or if we can be of further assistance, please do not hesitate to contact me (Trish.Smullen@gsi.ie), or my colleague Clare Glanville (Clare.Glanville@gsi.ie).

Yours sincerely,

Trish Smullen
Geological Survey Ireland

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 12:40
To: Clare Glanville <Clare.Glanville@decc.gov.ie>
Cc: John Butler <John.Butler@gsi.ie>
Subject: RE: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

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Good afternoon,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
www.mkoireland.ie



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From: Clare Glanville <Clare.Glanville@DCCAE.gov.ie>
Sent: Monday 18 May 2020 17:48
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: John Butler <John.Butler@gsi.ie>; Clare Glanville <Clare.Glanville@DCCAE.gov.ie>
Subject: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Your Ref: 191137.

Our Ref: 20/91

Dear Karen,

With reference to your correspondence of 08 May 2020, concerning the Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border, please find attached Geological Survey Ireland's comments and observations.

If you need any further information or have any queries, please do not hesitate to contact me, Dr. Clare Glanville (clare.glanville@gsi.ie)

Regards,
Clare



Dr Clare Glanville Senior Geologist Geoheritage & Geological Mapping.

Geological Survey Ireland, Beggars Bush, Haddington Road, Dublin D04 K7X4, Ireland.

T +353 (0)1 678 2837 E clare.glanville@DCCAE.gov.ie www.gsi.ie

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Shaun Doolin

From: Trish Smullen <Trish.Smullen@gsi.ie>
Sent: Monday 10 May 2021 08:57
To: Shaun Doolin
Cc: Clare Glanville; John Butler; GSI Planning
Subject: Re: 21/66 [20/91_191137]Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Dear Shaun,

With reference to your email received on the 07 May 2021, regarding the proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, we have checked the amended turbine location map and have no further comments or observations to make.

If you have any further queries or if we can be of further assistance, please do not hesitate to contact me Trish Smullen, or my colleague Clare Glanville at GSIPlanning@gsi.ie.

Yours sincerely,

Trish Smullen
Geological Survey Ireland

From: Shaun Doolin <sdoolin@mkoireland.ie>
Sent: 07 May 2021 15:49
To: Trish Smullen
Cc: Clare Glanville; John Butler; Karen Mulryan
Subject: RE: 21/66 [20/91_191137]Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

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Good afternoon,

Since we last contacted you regarding the proposed Ballivor Wind Farm, two turbines have moved slightly in the northeast of the site. Turbine 19 has moved 25m north, while Turbine 20 has move 110m northwest. Please see the attached PDF of the final turbine locations, along with a spreadsheet containing location coordinates in ITM, Irish Grid and WGS84 reference systems. I have highlighted the two repositioned turbines in the spreadsheet and have also attached a KML for convenience.

Please feel free to contact us if you have any comments or queries.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611



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From: Trish Smullen <Trish.Smullen@gsi.ie>
Sent: Thursday 4 March 2021 13:36
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Clare Glanville <Clare.Glanville@decc.gov.ie>; John Butler <John.Butler@gsi.ie>
Subject: 21/66 [20/91_191137]Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Dear Karen,

With reference to your email dated 12 February 2021, regarding the Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath, please note that Geological Survey Ireland has no specific comment or observations to make on this matter at this time since our last response.

If you have any further queries or if we can be of further assistance, please do not hesitate to contact me (Trish.Smullen@gsi.ie), or my colleague Clare Glanville (Clare.Glanville@gsi.ie).

Yours sincerely,

Trish Smullen
Geological Survey Ireland

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 12:40
To: Clare Glanville <Clare.Glanville@decc.gov.ie>
Cc: John Butler <John.Butler@gsi.ie>
Subject: RE: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

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Good afternoon,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed final turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: Clare Glanville <Clare.Glanville@DCCAE.gov.ie>
Sent: Monday 18 May 2020 17:48
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: John Butler <John.Butler@gsi.ie>; Clare Glanville <Clare.Glanville@DCCAE.gov.ie>
Subject: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Your Ref: 191137.
Our Ref: 20/91

Dear Karen,

With reference to your correspondence of 08 May 2020, concerning the Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border, please find attached Geological Survey Ireland's comments and observations.

If you need any further information or have any queries, please do not hesitate to contact me, Dr. Clare Glanville (clare.glanville@gsi.ie)

Regards,
Clare



Dr Clare Glanville Senior Geologist Geoheritage & Geological Mapping.
Geological Survey Ireland, Beggars Bush, Haddington Road, Dublin D04 K7X4, Ireland.
T +353 (0)1 678 2837 E clare.glanville@DCCAE.gov.ie www.gsi.ie

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Shaun Doolin

From: INFO <Information@tii.ie>
Sent: Tuesday 16 February 2021 10:16
To: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Dear Ms. Mulryan,

I wish to acknowledge receipt of your further email of 12 February 2021 regarding the above, the contents of which have been noted.

Please note that TII's position remains as outlined in our submission of 12 June 2020 in relation to the EIAR scoping consultation exercise. TII has no additional comments to make at this time.

Yours sincerely,

Alban Mills
Senior Regulatory & Administration Executive
Ref No. TII20-109495



From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Friday 12 February 2021 14:41
To: INFO <Information@tii.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Good afternoon Mark,

I previously contacted you with a proposed wind farm development at Ballivor on the Meath/Westmeath border. Please see attached the proposed turbine locations for your records. If you have any comments, please let us know.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist

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From: INFO <Information@tii.ie>
Sent: Friday 12 June 2020 15:34
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Dear Ms. Mulryan,

Transport Infrastructure Ireland (TII) acknowledges receipt of your EIAR Scoping request in respect of the above proposed project, received by email on 8 May 2020.

National Strategic Outcome 2 of the National Planning Framework includes the objective to maintain the strategic capacity and safety of the national roads network. It is also an investment priority of the National Development Plan, 2018 – 2027, to ensure that the extensive transport networks which have been greatly enhanced over the last two decades, are maintained to a high level to ensure quality levels of service, accessibility and connectivity to transport users.

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 application referred.

The approach to be adopted by TII in making such submissions or comments will seek to uphold official policy and guidance as outlined 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.

TII notes that the consultation documentation identifies a Wind Farm site area of a stated c. 2,460 ha. located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, both located in Co. Westmeath. The site area is approximately 10km north of the M4 and approximately 3km south east of the N52. With respect to EIAR Scoping issues, the recommendations indicated below provide only general guidance for the preparation of EIAR, which may affect the national road network. The developer should have regard, *inter alia*, to the following:

1. As outlined in the '*Spatial Planning and National Roads Guidelines for Planning Authorities*' (DoECLG, 2012), the primary purpose of the national road network is to provide strategic transport links between the main centres of population and employment, including key international gateways such as the main ports and airports, and to provide access between all regions. The EIAR should identify the methods/techniques proposed for any works traversing/in proximity to the national road network in order to demonstrate that the development can proceed complementary to safeguarding the capacity, safety and operational efficiency of that network.
2. In relation to the proposed development site, the scheme promoter should note locations of existing and future national road schemes and develop proposals to safeguard proposed road schemes. Consultations should be had with the relevant Local Authority/National Roads Design Office with regard to locations of existing and future national road schemes.
3. In relation to grid connection and cable routing, proposals should be developed to safeguard proposed road schemes as TII will not be responsible for costs associated with future relocation of cable routing where proposals are catered for in an area of a proposed national road scheme. In that regard, consideration should be given to routing options, use of existing crossings, depth of cable laying, etc.

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 adjoining the national road, 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.

4. Clearly identify 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. 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.
5. Where appropriate, subject to meeting the appropriate thresholds and criteria and having regard to best practice, a Traffic and Transport Assessment be carried out in accordance with relevant guidelines, noting traffic volumes attending the site and traffic routes to/from the site with reference to 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 TII TTA Guidelines which addresses requirements for sub-threshold TTA.
6. TII Standards should be consulted to determine the requirement for Road Safety Audit (RSA) and Road Safety Impact Assessment (RSIA).
7. Assessments and design and construction and maintenance standards and guidance are available at [TII Publications](#) that replaced the NRA Design Manual for Roads and Bridges (DMRB) and the NRA Manual of Contract Documents for Road Works (MCDRW).
8. The developer, in conducting Environmental Impact Assessment, should have regard to TII Environment Guidelines that deal with assessment and mitigation measures for varied environmental factors and occurrences. In particular;
 - a. 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),
 - b. 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)).

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

Yours sincerely,

Mark Byrne
Regulatory & Administration Unit



From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: 08 May 2020 10:33

To: INFO <Information@tii.ie>

Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Planeála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Planeála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
MKO
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Ireland, H91 VW84
+353 (0) 91 735611
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Shaun Doolin

From: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Sent: Wednesday 12 May 2021 10:13
To: Shaun Doolin
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.
Attachments: BNM Powergen Ltd Windfarm Co, Meath Westmeath.pdf

Good morning

Please see comments attached from our Felling Division

Regards

Breeda

Breeda Hennebry

Clerical Officer

An tAonad um Chomhordú Timpeallachta, An Rannóg um Athrú Aeráide agus Beartas Bithfhuinnimh,
Environmental Co-ordination Unit | Climate Change & Bioenergy Policy Division |

An Roinn Talmhaíochta, Bia agus Mara

Department of Agriculture, Food and the Marine

Pailliún A, Páirc Gnó Grattan, Bóthar Átha Cliath, Port Laoise, Co Laoise, R32 K857

Pavilion A, Grattan Business Park, Dublin Road, Portlaoise, Co Laois, R32 K857

T +353 (0)57 868 9914 environmentalco-ordination@agriculture.gov.ie

www.agriculture.gov.ie

From: Shaun Doolin [mailto:sdoolin@mkoireland.ie]
Sent: 11 May 2021 12:18
To: Environmental Co-ordination (Inbox)
Cc: Karen Mulryan
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good afternoon,

We previously contacted you regarding the proposed Bord na Móna Powergen Ltd wind energy development at Ballivor. Since then, we have finalised the 26 turbine locations, which are evident in the attached PDF and KML files.

Please feel free to contact us if you have any comments or queries regarding this development.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

MKO
Tuam Road, Galway
Ireland, H91 VW84
+353 (0) 91 735611
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From: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>
Sent: Thursday 28 May 2020 11:58
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Dear Ms Mulryan,

I refer to your recent correspondence concerning the above and please find comments from the Department of Agriculture, Food & the Marine below;

If the proposed development will involve the felling or removal of any trees, the developer must obtain a Felling License from this Department before trees are felled or removed. A Felling Licence application form can be obtained from **Felling Section, Department of Agriculture, Food and the Marine, Johnstown Castle Estate, Co. Wexford**. Tel: 076-1064459, Web <https://www.agriculture.gov.ie/forests-service/tree-felling/tree-felling/>

A Felling Licence granted by the Minister for Agriculture, Food and the Marine provides authority under the Forestry Act 2014 to fell or otherwise remove a tree or trees and/or to thin a forest for silvicultural reasons. The Act prescribes the functions of the Minister and details the requirements, rights and obligations in relation to felling licences. The principal set of regulations giving further effect to the Forestry Act 2014 are the Forestry Regulations 2017 (S.I. No. 191 of 2017).

The developer should take note of the contents of **Felling and Reforestation Policy** document which provide a consolidated source of information on the legal and regulatory framework relating to tree felling; <https://www.agriculture.gov.ie/media/migration/forestry/tree-felling/FellingReforestationPolicy240517.pdf>. As this development is within forest lands, particular attention should be paid to deforestation, turbulence felling and the requirement to afforest alternative lands.

In order to ensure regulated forestry operations in Ireland accord with the principles of sustainable forest management (SFM), as well fulfilling the requirements of other relevant environmental protection laws, the Department (acting through its Forest Service division) must undertake particular consultations, and give certain matters full consideration during the assessment of individual Felling Licence applications. This includes consultation with relevant bodies, the application of various protocols and procedures (e.g. Forest Service Appropriate Assessment Procedure), and the requirement for applicants on occasion to provide further information (e.g. a Natura Impact Statement).

Consequently, when the Forest Service is considering an application to fell trees, the following applies:

1. The interaction of these proposed works with the environment locally and more widely, in addition to potential direct and indirect impacts on designated sites and water, is assessed. Consultation with relevant environmental and planning authorities may be required where specific sensitivities arise (e.g. local authorities, National Parks & Wildlife Service, Inland Fisheries Ireland, and the National Monuments Service);
2. Where a tree Felling Licence application is received, the Department will publish a notice of the application before making a decision on the matter. The notice shall state that any person may make a submission to the Department within 30 days from the date of the notice. The notices for 2020 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-ia-publicconsultation-for-a-forestation-forest-road-construction-and-felling-licences-2020/>
3. Third parties that make a submission or observation will be informed of the decision to grant or refuse the licence, and on request, details of the conditions attached to the licence, the main reasons and considerations on which the decision to grant or refuse the licence was based, and where conditions are attached to any licence, the reasons for the conditions. Both third parties and applicants will be also informed of their right to appeal any decision within 28 days to the Forestry Appeals Committee. Felling Licence decisions for 2020 are published online at:
<https://www.agriculture.gov.ie/forests-service/publicconsultation/environmentalimpactassessment-2020-register-of-decisions/>

It is important to note that when applying to a **Local Authority**, or **An Bord Pleanála**, for planning permission where developments are:

- a. subject to an EIA procedure (including screening in the case of a sub-threshold development) and any resulting requirement to produce an EIAR; and/or
- b. subject to an Appropriate Assessment procedure (including screening) and any resulting requirement to a Natura Impact Statement (NIS); and
- c. the proposed development in its construction or operational phases, or any works ancillary thereto, would directly or indirectly involve the felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species,
 1. that there is a requirement inter alia under the EIA Directive for an overall assessment of the effects of the project or the alteration thereof on the environment to be undertaken, including the direct and indirect environmental impact of the project;and
 2. pursuant to Article 2(3) of the EIA Directive, the Department of Agriculture, Food and the Marine strongly recommends that, notwithstanding the fact that a parallel consent in the form of felling

licence may also have to be applied for, any EIAR and/or NIS produced in connection with the application for planning permission to the Local Planning Authority or An Bord Pleanála, should include an assessment of the impact of and measures, as appropriate, to prevent, mitigate or compensate for any significant adverse effects direct or indirect identified on the environment arising from such felling and replanting of trees, deforestation for the purposes of conversion to another type of land use, or replacement of broadleaf high forest by conifer species.

Kind regards

Cathy Hewitt

Executive Officer

An tAonad um Chomhordú Timpeallachta, An Rannóg um Athrú Aeráide agus Beartas Bithfhuinnimh,
Environmental Co-ordination Unit | Climate Change & Bioenergy Policy Division |

An Roinn Talmhaíochta, Bia agus Mara

Department of Agriculture, Food and the Marine

Pailliún A, Páirc Gnó Grattan, Bóthar Átha Cliath, Port Laoise, Co Laoise, R32 K857

Pavilion A, Grattan Business Park, Dublin Road, Portlaoise, Co Laois, R32 K857

T +353 (0)57 868 9915 environmentalco-ordination@agriculture.gov.ie

www.agriculture.gov.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Monday 11 May 2020 09:50

To: Environmental Co-ordination (Inbox) <Environmental_Co-ordination@agriculture.gov.ie>

Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

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Good morning,

MKO is preparing an Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border. The proposed development will be located on 5 bogs and will be referred to as the Ballivor Wind Farm. The site is located approximately 2.2km west of Ballivor Village, Co. Meath, and 3.7km east of Raharney and 2.5km south-southeast of Devlin, which are both located in Co. Westmeath.

The proposed project will likely encompass 25-35 turbines and will have an output of at least 50 megawatts. Should the project be of this scale, an application will be made to An Bord Pleanála seeking a determination in relation to the SID status, or otherwise, of the proposed wind energy development. If the board determine that the development is indeed SID, the planning application will be submitted directly to An Bord Pleanála, under the provision of the Planning and Development (Strategic Infrastructure) Act 2006. Should the project be of a scale lower than the SID thresholds, an application for planning permission will be made to Meath and Westmeath County Councils.

As part of the EIA process, we would welcome any comments that you may have in relation to the proposed project, including baseline data, survey techniques or potential impacts that should be considered as part of the assessment process and in the preparation of the EIAR. In order to facilitate this, a Scoping Document providing details of the proposed project and the site of the proposed development is attached.

If you could return any comments or suggestions at your earliest convenience it would be much appreciated. If you require any further information, please do not hesitate to contact me.

Kind Regards,

Karen.



Karen Mulryan
Environmental Scientist
MKO
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Ireland, H91 VW84
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An Roinn Talmhaíochta, Bia agus Mara

Tá an t-eolais san ríomhphost seo, agus in aon ceanglán leis, faoi phribhléid agus faoi rún agus le h-agmaigh an seolaí amháin. D'fhéadfadh ábhar an seoladh seo bheith faoi phribhléid profisiúnta nó dlíthiúil. Mura tusa an seolaí a bhí beartaithe leis an ríomhphost seo a fháil, tá cosc air, nó aon chuid de, a úsáid, a chóipeál, nó a scaoileadh. Má tháinig sé chugat de bharr dearmad, téigh i dteagmháil leis an seoltóir agus scríos an t-ábhar ó do ríomhaire le do thoil.

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An Roinn Talmhaíochta, Bia agus Mara

Tá an t-eolais san ríomhphost seo, agus in aon ceanglán leis, faoi phribhléid agus faoi rún agus le h-agmaigh an seolaí amháin. D'fhéadfadh ábhar an seoladh seo bheith faoi phribhléid profisiúnta nó dlíthiúil. Mura tusa an seolaí a bhí

Shaun Doolin

From: GCU - Reform Communications and Emergency Planning Divisional Mailbox
<GeneralCo-OrdinationUnit@transport.gov.ie>
Sent: Thursday 27 May 2021 12:36
To: Karen Mulryan
Subject: FW: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at
Ballivor, Meath/Westmeath
Attachments: 20210527 DoT obs.docx

Hi Karen,

Please find attached comments for your consideration from the Department of Transport in relation to the above proposed development.

Kind regards
Jacqui

Jacqui Traynor
Reform Communications Emergency Planning

An Roinn Iompair
Department of Transport

Lána Líosain, Baile Átha Cliath, D02 TR60
Leeson Lane, Dublin, D02 TR60

T +353 (0)1 604 1177
Jacquitraylor@transport.gov.ie www.gov.ie/transport

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Tuesday 25 May 2021 10:44
To: GCU - Reform Communications and Emergency Planning Divisional Mailbox <GeneralCo-OrdinationUnit@transport.gov.ie>
Subject: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Good morning,

We previously contacted you via post in May 2020 and email May 2021 regarding the proposed Bord na Móna Powergen Ltd wind energy development at Ballivor Co. Meath/Westmeath. Please see attached the finalised the 26 turbine locations for your records.

If you require any further information, please do not hesitate to contact me.

Kind regards,

Karen.

Shaun Doolin

From: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Sent: Wednesday 19 May 2021 14:34
To: Shaun Doolin
Cc: Karen Mulryan; CorporateSupport.Unit
Subject: Reply from Inland Fisheries Ireland - MKO re - Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath
Attachments: Ballivor Wind Farm ConsultationSubmission (19012021).pdf

Good afternoon Shaun,

Please see attached and below a reply from Mr. Noel McGloin (Senior Fisheries Environmental Officer), on behalf of Inland Fisheries Ireland for the subject below. Please forward an acknowledgement of receipt to CorporateSupport.Unit@decc.gov.ie at your earliest convenience.

Regards,
Enda Brady,
Corporate Support Unit,
Department of Environment, Climate and Communications.
087 623 7714

From: Noel McGloin [mailto:Noel.McGloin@fisheriesireland.ie]
Sent: 19 May 2021 12:26
To: CorporateSupport.Unit; GSI Planning; EMD Info; Rosemary Gaul; Jon Field; Dorothy McCauley; Ciaran McManus; Sinead Hart Moran
Subject: RE: MKO re - Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

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Afternoon Enda,

I wonder would it be possible to forward Mr. Shaun Doolin(MKO) a copy of comments IFI have regarding the above.

Kind regards

Noel

Noel McGloin
Senior Fisheries Environmental Officer
Inland Fisheries Ireland - Dublin

Iascach Intíre Éireann
Inland Fisheries Ireland

Tel +353 (1) 8842600 (switch)
Mob +353 (0) 87 2597826
Email – noel.mcglain@fisheriesireland.ie
Web - www.fisheriesireland.ie

3044 Lake Drive, Citywest Business Campus, Dublin 24, Ireland. D24Y265

Help Protect Ireland's Inland Fisheries

Call **1890 34 74 24** to report illegal fishing, water pollution or invasive species.

From: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Sent: Tuesday 11 May 2021 14:57
To: Noel McGloin <Noel.McGloin@fisheriesireland.ie>; GSI Planning <GSIPlanning@GSI.ie>; EMD Info <EMD.Info@decc.gov.ie>; Rosemary Gaul <Rosemary.Gaul@decc.gov.ie>; Jon Field <Jon.Field@decc.gov.ie>; Dorothy McCauley <Dorothy.McCauley@decc.gov.ie>; Ciaran McManus <Ciaran.McManus@decc.gov.ie>; Sinead Hart Moran <Sinead.HartMoran@decc.gov.ie>
Cc: CorporateSupport.Unit <CorporateSupport.Unit@decc.gov.ie>
Subject: MKO re - Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Good afternoon,
Please see attached and below correspondence in the above regard from MKO regarding the location of the proposed 26 turbine locations for your information.

Regards,
Enda Brady,
Corporate Support Unit,
087 623 7714

From: Shaun Doolin [mailto:sdoolin@mkoireland.ie]
Sent: 11 May 2021 12:19
To: CorporateSupport.Unit
Cc: Karen Mulryan
Subject: FW: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

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Your Ref: 20/91
Our Ref: 191137

Good afternoon,

We previously contacted you regarding the proposed Bord na Móna Powergen Ltd wind energy development at Ballivor in May 2020 (see forwarded response from Dr. Clare Granville below). Since then, we have finalised the 26 turbine locations. I contacted Dr. Clare Granville on May 7th, 2021 with a PDF and KML file of the final turbine locations, which I have also attached in this email for your records.

Please feel free to contact us if you have any further comments or queries regarding this development.

Kind regards,
Shaun



Shaun Doolin
Graduate Environmental Scientist

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From: Clare Glanville <Clare.Glanville@DCCAIE.gov.ie>
Sent: Monday 18 May 2020 17:48
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: John Butler <John.Butler@gsi.ie>; Clare Glanville <Clare.Glanville@DCCAIE.gov.ie>
Subject: 20/91_191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath

Re: 191137 Proposed Bord na Móna Powergen Ltd Wind Farm Development at Ballivor, Meath/Westmeath.

Your Ref: 191137.
Our Ref: 20/91

Dear Karen,

With reference to your correspondence of 08 May 2020, concerning the Environmental Impact Assessment Report (EIAR) for a proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border, please find attached Geological Survey Ireland's comments and observations.

If you need any further information or have any queries, please do not hesitate to contact me, Dr. Clare Glanville (clare.glanville@gsi.ie)

Regards,
Clare



Dr Clare Glanville Senior Geologist Geoheritage & Geological Mapping.
Geological Survey Ireland, Beggars Bush, Haddington Road, Dublin D04 K7X4, Ireland.
T +353 (0)1 678 2837 E clare.glanville@DCCAIE.gov.ie www.gsi.ie

A division of the Department of Communications, Climate Action & Environment.

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Karen Mulryan

From: Datarequests <Datarequests@water.ie>
Sent: 18 January 2022 09:49
To: Karen Mulryan
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Karen,

A water pressure zone is an area where the water supply is under equal pressure and is usually bounded by meters or valves. As such it is not a physical asset (so does not exist on the ground) but an operational area (represented by a polygon on GIS).

Best regards,

Colin

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Monday 17 January 2022 17:29
To: Datarequests <Datarequests@water.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Thanks Colin,

Sorry for bothering you again, can you provide a definition of the water pressure zones- the other shapefiles provided?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

MKO
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From: Datarequests <Datarequests@water.ie>
Sent: Monday 17 January 2022 12:31
To: Karen Mulryan <kmulryan@mkoireland.ie>; Datarequests <Datarequests@water.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Hi Karen,

I've had a reply from the digitising team and it was indeed a mistake which was created during an editing session. This has now been deleted from the system.

Apologies for the confusion.

Best regards,

Colin

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 13 January 2022 15:53
To: Datarequests <Datarequests@water.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Thanks for the clarification Colin,

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>
Sent: Thursday 13 January 2022 15:52
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Hi Karen,

I'll get back to you as soon as I have an update from the digitising team.

Apologies again for the confusion. What I would guess happened is that while digitising a section of casing pipe a snapping or tracing tool was used that extended the section around the entire county boundary. So while it's unlikely that the section runs right on those parts the border it's best to be careful in those areas in case there isn't a definitive answer in the records.

Best regards,

Colin

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 13 January 2022 15:45
To: Datarequests <Datarequests@water.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Hi Colin,

Thank you for getting back to me. I will forward on your response below to our project hydrologist. If there is a correction to be made will datarequests issue the updated files to me or should I check back in a couple of weeks?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>

Sent: Thursday 13 January 2022 15:37

To: Karen Mulryan <kmulryan@mkoireland.ie>

Cc: Ali Robinson <arobinson@water.ie>

Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Hi Karen,

Raoni escalated your query to me. Apologies for any confusion caused by the data.

The wCasing (water casing) layer usually indicates a protective covering around a small pipe, borehole or water source or a continuous pipe to pass utility lines through an obstruction such as a stream.

As you correctly pointed out, the casing follows the entire county border (casings typically follow a road or waterbody). While there may be some sections of casing present, and so care should be taken if excavating, it seems likely this is an error made when digitising the legacy data from the old paper maps. I will contact the team responsible for digitising so they can investigate and correct.

However, in many areas the county border runs through or follows small streams or water courses (visible at points on the map such as Craddenstown) so special care should be taken in these areas even where an obstruction or asset is not indicated by the data (as stated in the NDA and disclaimer the data is indicative only).

You've probably contacted the Dial Before You Dig departments of the ESB and Gas Networks Ireland already but just in case here are the links below.

<https://www.gasnetworks.ie/home/safety/dial-before-you-dig/>

<https://www.esbnetworks.ie/staying-safe/contractor-safety-/digging-and-excavation-work>

Kind regards,

Colin

Data Request Team

Uisce Éireann

Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire

Irish Water

Colvill House, 24-26 Talbot Street, Dublin, Ireland

Datarequests@water.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Monday 10 January 2022 15:54

To: Datarequests <Datarequests@water.ie>

Cc: Ali Robinson <arobinson@water.ie>

Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Hi Raoini,

Happy New Year.

Before Christmas you sent on the data files for IW assets at the proposed wind farm site at Ballivor on the Meath and Westmeath border and a definition of what they are.

The layer WpressureZone is just the boundary of the Water Distribution pressure zones.

The layer wCasing is the Water Casings, can be a river, canal or pipe.

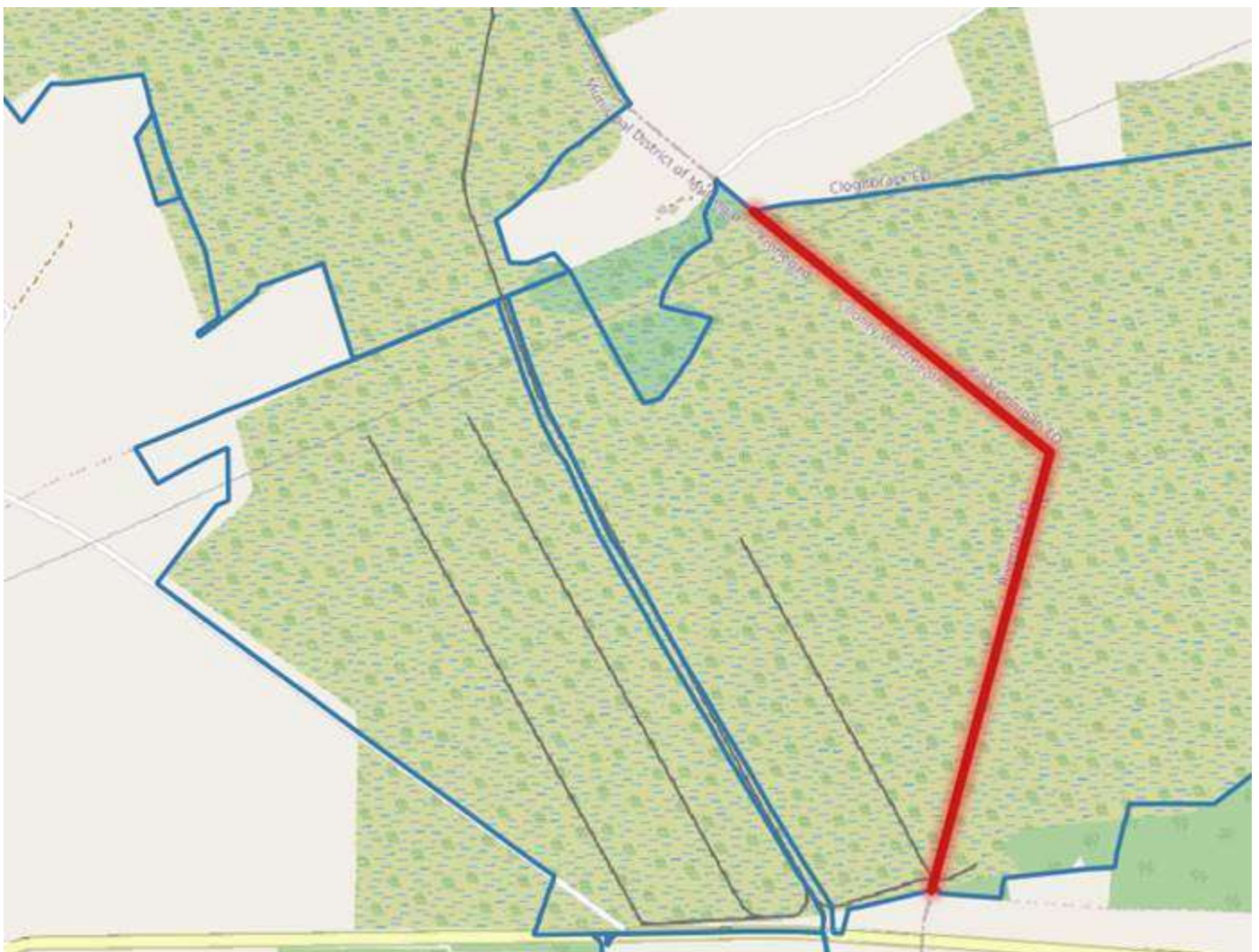
Our hydrologist has taken a look and says they don't make sense.

Can you clarify what these layers mean, and if Irish Water have a concern about a particular pipe, can you identify where that is, and what's its purpose is? Or perhaps contact details of who may know. We mapped the layers and the wCasing is an exact copy of Meath/Westmeath county border, see below.

Does a pipe follow the county border? Its not a river or a canal.

Kind regards,

Karen.



Before Christmas you sent on the data files for IW assets at Ballivor on the Meath and Westmeath border and a definition of what they are.

The layer WpressureZone is just the boundary of the Water Distribution pressure zones.

The layer wCasing is the Water Casings, can be a river, canal or pipe.

Our hydrologist has taken a look and says they don't make sense.

Can you clarify what these layers mean, and if Irish Water have a concern about a particular pipe, can you identify where that is, and what's its purpose is? Or perhaps contact details of who may know. We mapped the layers and the w casing is an exact copy of Meath/Westmeath county border.

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>
Sent: Tuesday 14 December 2021 12:24
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Hi Karen,

Sorry we took long time to reply you. I was checking your question with my colleagues.

The layer WpressureZone is just the boundary of the Water Distribution pressure zones.

The layer wCasing is the Water Casings, can be a river, canal or pipe.

Please note: Irish Water gives this information as to the position of its underground network as a general guide only on the strict understanding that it is based on the best available information provided by each Local Authority in Ireland.

Kind regards,
Raoni Gouveia

GIS Officer
Asset Intelligence – Data Request Team

Uisce Éireann
Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire

Irish Water

Colvill House, 24-26 Talbot Street, Dublin, Ireland

Datarequests@water.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 9 December 2021 17:27
To: Datarequests <Datarequests@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Thanks Raoni,

Can you tell me what the wCasing clp is and the WpressureZone is? We have no infrastructure proposed at or near the WpressureZone.

I notice the wCasing clp follows the county border line. Is this an underground pipe line or just a line denoting the border?

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>
Sent: Thursday 9 December 2021 16:00
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Hi Karen,

Almost no data in our database for that location.

Thank you for sending the completed Non Disclosure Agreement and location details of your area of interest.

Please find attached the data you have requested of;

- Water distribution (.shp Irish Grid)
- Sewer Network (.shp Irish Grid)

Please note: Irish Water gives this information as to the position of its underground network as a general guide only on the strict understanding that it is based on the best available information provided by each Local Authority in Ireland.

Kind regards,
Raoni Gouveia

GIS Officer
Asset Intelligence – Data Request Team

Uisce Éireann
Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire
Irish Water
Colvill House, 24-26 Talbot Street, Dublin, Ireland

Datarequests@water.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Thursday 9 December 2021 10:36
To: Datarequests <Datarequests@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Hi Raoni,

Please see attached. I have added in sewer network and “I agree with the terms of the NDA”

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>
Sent: Thursday 9 December 2021 10:22
To: Karen Mulryan <kmulryan@mkoireland.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Do you need the Sewer Network as well? If yes, can you please add it in your NDA?

And if you can not sign the NDA for any reason please add "I agree with the terms of the NDA" below your name.
Thanks.

Kind regards,
Raoni Gouveia

GIS Officer
Asset Intelligence – Data Request Team

Uisce Éireann
Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire
Irish Water
Colvill House, 24-26 Talbot Street, Dublin, Ireland

Datarequests@water.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>
Sent: Wednesday 8 December 2021 17:20
To: Datarequests <Datarequests@water.ie>
Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137
Importance: High

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Good afternoon Raoni,

Please see attached site boundary in IG polygon shapefile and the signed NDA. I wasn't able to attached my handwritten signature to the box provided.

Thanks,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Datarequests <Datarequests@water.ie>

Sent: Wednesday 8 December 2021 16:07

To: Karen Mulryan <kmulryan@mkoireland.ie>

Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

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Your email was forward to us. Do you need any Irish Water data records?

Thank you for contacting Data Requests.

Data Requests supply records of Irish Water Infrastructure in GIS format (i.e. shp, .gdb, .tab, or .dwg). We do not generally issue maps in **paper, PDF or image** format. If you require this format you should contact the relevant Local Authority directly.

If you wish to proceed to acquire GIS digital data, we ask that you complete a Non Disclosure Agreement Form (1b - attached). In Appendix (Page 4) Sections a-h of this form can you please ensure that all sections are completed as per the outline shown in the attached guide. If a section is not relevant indicate this. Can you also ensure that you detail the nature of the data that you require, for example Water Distribution and/or Sewer Network in .dwg, .tab or .shp format (please refer to the attached guide 1a to assist you).

To speed up the process we ask that you send us a **digital GIS polygon(s) (.dwg - 2013 or lower versions or .shp in ING) that outlines the extent and location of the area(s) that you require data.** This is used to extract the GIS Digital data that you require.

Please Note:

1. Irish Water is responsible for issuing Water & Wastewater **digital** data in GIS format and will issue the data in **one format only** (.shp, .gdb, .tab, or .dwg). Irish Water is **not responsible** for issuing maps in **paper, PDF or image** format. Please contact your relevant Local Authority for maps in paper, PDF or image format.
2. Local Authorities are responsible for maintaining and issuing Stormwater data. Irish Water does not issue Stormwater data.

Attached **1b. Non-Disclosure Agreement Form** must be **signed by hand**. Please complete all required sections, namely **a to h, Description of Data, and Appendix A**. This is a legally binding document, therefore all sections must be completed, please refer to attached 1a) Guide to completing Non-Disclosure Agreement.

Disclaimers: Any maps produced using Irish Water data require the appropriate disclaimer as outlined in the relevant attachment (1a).

Please Note: The average turnaround time for processing requests is 2 weeks or 10 working days, provided you have adhered to the requirements set out above.

Due to the large volume of data requests received daily, incomplete or inaccurately completed forms will result in delays to issuing data. Consequently, the sole responsibility lies with the requestor to ensure that the above guidelines are adhered to and relevant documentation is submitted.

Should you have any questions in relation to the above please do not hesitate to get in contact.

Kind regards,
Raoni Gouveia

GIS Officer

Asset Intelligence – Data Request Team

Uisce Éireann

Teach Colvill, 24-26 Sráid Thalbóid, Baile Átha Cliath, Éire

Irish Water

Colvill House, 24-26 Talbot Street, Dublin, Ireland

Datarequests@water.ie

From: Planning <Planning@water.ie>

Sent: Wednesday 8 December 2021 15:51

To: Datarequests <Datarequests@water.ie>

Subject: FW: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Importance: High

Good afternoon,

I believe that email below is for you.

Kind regards,

Bojana Grujic

Planning Application Specialist

Uisce Eireann

Bosca OP 860, Oifig Sheachadta na Cathrach Theas, Cathair Chorcaí, Éire

Irish Water

PO Box 860, South City Delivery Office, Cork City, Ireland

T: 1800 278 278

Minicom: 1850 378 378

www.water.ie

From: Karen Mulryan <kmulryan@mkoireland.ie>

Sent: Wednesday 8 December 2021 14:14

To: Niko Taktikos <taktikos@water.ie>; Ali Robinson <arobinson@water.ie>; Planning <Planning@water.ie>

Subject: RE: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath 191137

Importance: High

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Good afternoon,

I refer to the scoping response you issued some time ago which referenced in item 1. a water mains within the proposed Ballivor Wind Farm site boundary. Would you be able to provide a shapefile or coordinates of this mains in the site?

In regard to above IW would draw the applicants attention to the following for consideration;

- I. Irish Water records indicate the presence of existing water mains within the proposed development and proximate to the proposed site boundary which may be impacted by the proposed development serving Mullingar Regional Public Water Supply.
- II. Stoneyford River Intake for Ballivor Public Water Supply is approximately 4km South East of the proposed site boundary. There is hydrological connectivity between the proposed development and a network of tributary rivers feeding into Stoneyford river upstream of IW drinking water source. The groundwater is hydrologically connected and of low/moderate vulnerability. Any risk to the Ballivor Public Water Supply and potential negative impact on the water quality from surface and ground water quality through the run-off and infiltration of silt, hydrocarbons, cementitious material, detergent, sewage and other pollutants during the construction, operational and decommissioning phase of the development will need to be mitigated

Kind regards,

Karen.



Karen Mulryan
Environmental Scientist BA MSc ACIfA IAI

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From: Niko Taktikos <taktikos@water.ie>
Sent: Tuesday 19 May 2020 13:19
To: Karen Mulryan <kmulryan@mkoireland.ie>
Cc: Ali Robinson <arobinson@water.ie>
Subject: IW Response EIAR Scoping Consultation Proposed Wind Farm at Ballivor, Meath/Westmeath
Importance: High

Dear Ms Mulryan,

Please find an attachment of Irish Waters response to EIAR scoping consultation for the Proposed Bórd na Móna Powergen Ltd wind energy development at Ballivor and the surrounding townlands located at the Meath-Westmeath border Wind Farm Development as requested.

If you have any further questions, please do not hesitate to contact us for more information.

Best regards,

Niko Taktikos, PhD