From:

@2rn.ie>

Sent:

Friday 14 October 2022 16:12

To: Cc:

windfarms;

Subject:

RE: Proposed Wind Farm at Ballyfasy Co. Kilkenny

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Hi

We do not have any fixed linking in the area outlined in your email.

There is a risk of interference to broadcast services in the area so we would request that a protocol between 2rn and the developer should the site go ahead.

Regards

Project Engineer

Projects and Coverage Planning

2RN

Block B, Cookstown Court, Old Belgard Road, Tallaght, Dublin 24, Ireland D24 WK28

Phone:

Mobile:

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From

Sent: Thursday, October 13, 2022 3:59:38 PM (UTC+00:00) Dublin, Edinburgh, Lisbon, London

Subject: Proposed Wind Farm at Ballyfasy Co. Kilkenny

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Good Afternoon,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballymartin, Ballywairy, Bishopsmountain, Ballyfasy Upper & Knockbrack. The proposed site which extends to c. 270 hectares and measures about 2.5km from north to south and ranges from about 1.7km wide to about 2.5km wide at its widest point. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall 270 hectares land area available and initial studies, it is anticipated that the site will be suitable for development of at least 8 no. wind turbines.

Manogate has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold

and/or highlight any issues that you feel should be directed to the project team. Views/comments on the proposed development can be submitted by email, letter or telephone to the myself no later than the 25/10/22.

Best regards,

CAD / GIS Manager

TOBIN Consulting Engineers
Telephone:
Email:
Website: http://www.tobin.ie



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2018 Engineers Ireland Excellence Awards Winner: Engineering Project of the Year
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From: @defenceforces.ie>
Sent: Tuesday 31 January 2023 12:13
To: (Defence)
Subject: RE: Proposed Wind Farm at Ballyfasy Co. Kilkenny - Communication links query

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HI

Thank you for supplying the information.

On initial investigation using the data supplied, it may be seen as the proposed area is located within a proximity to the M9 and N25 road network, which may require further investigation into the future by ourselves in the Defence Forces.

When applicable we would be interested in seeing the scoping / EIAR documentation to provide further feedback. Please ensure this documentation is sent through the Property management team in the Department of Defence.

Regards,

Captain

SO ATS,
Air Traffic Services,
Air Corps Headquarters,
Irish Air Corps,
Casement Aerodrome I Baldonnel I Dublin 22 I Ireland

☐ Direct:

☐ Email: @defenceforces.ie

From:

Sent: Friday 27 January 2023 12:39

To: @defenceforces.ie>

Subject: RE: Proposed Wind Farm at Ballyfasy Co. Kilkenny - Communication links query

EXTERNAL EMAIL: This email originated from outside the Defence Forces. Do not click on links and do not open attachments unless the sender is known and trusted.

Good afternoon Robert,

Thank you for your response, ETRF (Lat, Lon) coordinates for the site are listed below:

ETRF89 GPS Co-ordinates: Latitude: 52 deg 22

If you require any further information, please don't hesitate to contact me.

Best regards,

From: @defenceforces.ie>

Sent: Thursday, January 26, 2023 2:39 PM

Subject: RE: Proposed Wind Farm at Ballyfasy Co. Kilkenny - Communication links query

CAUTION: This email originated from outside of the organisation. Do not click links or open attachments unless you recognise the sender and know the content is safe. Forward unusual emails to spam@tobin.ie for verification.

HI

I am the point of contact for engagement regarding wind farms for the Air Corps.

Regarding your query, could you send me the lat / long for the proposed development so I can tease out the location. For further correspondence all scoping and planning matters comes through the Department of Defence in Newbrideg. (Property management).

Regards,

Captain

Air Traffic Control, Irish Air Corps,

Casement Aerodrome I Baldonnel I Dublin 22 I Ireland

☐ Direct:

☐ Email: @defenceforces.ie

From: @defenceforces.ie>

Sent: Wednesday 25 January 2023 16:03

To: MDL_AirspaceManagementCell <a irspaceandobstacles@defenceforces.ie>

Cc: MDL_Aircorps_Ops <aircorpsops@defenceforces.ie>

Subject: FW: Proposed Wind Farm at Ballyfasy Co. Kilkenny - Communication links query

Good Afternoon,

Please see email below.

Regards,

Airman

ACHQ

Operations

Irish Air Corps

Casement Aerodrome, Baldonnel, Dublin 22, D22 X2Y4

Phone:





From:

Sent: Wednesday 25 January 2023 15:48

Cc:

Subject: Proposed Wind Farm at Ballyfasy Co. Kilkenny - Communication links query

EXTERNAL EMAIL: This email originated from outside the Defence Forces. Do not click on links and do not open attachments unless the sender is known and trusted.

Good Afternoon,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballymartin, Ballywairy, Bishopsmountain, Ballyfasy Upper & Knockbrack. The proposed site which extends to c. 270 hectares and measures about 2.5km from north to south and ranges from about 1.7km wide to about 2.5km wide at its widest point. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall 270 hectares land area available and initial studies, it is anticipated that the site will be suitable for development of at least 8 no. wind turbines.

Manogate has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. Views/comments on the proposed development can be submitted by email, letter or telephone to the myself no later than the 14/02/23.

CAD/GIS Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick | Sligo

Telephone:

Email:

Website: http://www.tobin.ie





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From: wfanalysis (ESB Networks) <wfanalysis@esb.ie>

Sent: Wednesday 18 January 2023 15:24

To:

Cc: wfanalysis (ESB Networks)

Subject: Re: Proposed Wind Farm at Ballyfasy Co. Kilkenny

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Hi

We have 2 links which may be impacted by this development (see table below). In particular Glenpipe-Cheekpoint is a backhaul link, so this is deemed a critical link.

			Site A					Site B	
Link Name / ID	Band MHz\GHz	Link Length	Lat	Long	Easting	Northing	Ant Height	Lat	Long
Glenpipe-Bealistown	UHF		52.40824	-7.121633			30	52.271813	-6.866968
Glenpipe-Cheekpoint	1.3/1.5 GHz		52.40824	-7.121633			20	52.265221	-7.004678

As per the Calculation of the Clearance Zone 3.1.doc by JRC, the buffer clearance zone is the 2nd Fresnel zone clearance plus 150m, a buffer zone to allow for location accuracy of the link ends, turbine construction and ellipsoid conversion anomalies, plus 100m for Turbine micrositing. Please provided accurate turbine details including coordinates of turbine, hub height, max blade length, and also the maximum micrositing distance allowed. This will allow us to carry out further detailed analysis once we have accurate turbine information.

Kind regards,

From:

Sent: Thursday 13 October 2022 16:00

Subject: Proposed Wind Farm at Ballyfasy Co. Kilkenny

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Good Afternoon,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballymartin, Ballywairy, Bishopsmountain, Ballyfasy Upper & Knockbrack. The proposed site which extends to c. 270 hectares and measures about 2.5km from north to south and ranges from about 1.7km wide to about 2.5km wide at its widest point. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall 270 hectares land area available and initial studies, it is anticipated that the site will be suitable for development of at least 8 no. wind turbines.

Manogate has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. Views/comments on the proposed development can be submitted by email, letter or telephone to the myself no later than the 25/10/22.

Best regards,

CAD / GIS Manager

TOBIN Consulting Engineers

Telephone:
Email:
Website: http://www.tobin.ie



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2018 Engineers Ireland Excellence Awards Winner: Engineering Project of the Year
2018 Engineers Ireland Excellence Awards Winner: Heritage and Conservation
2017 Association of Consulting Engineers of Ireland Awards Winner: Design Excellence (Innovation)
2017 KPMG Property Industry Excellence Awards Winner: Community Benefit Project of the Year

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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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* ** *** ** * ** *** ** * * * * ** **

From:	@IAA.ie>					
Sent:	Thursday 24 November 2022 16:04					
To:	DDODOGED WIND FARM AT RALLYFACY, CO. KILLYFAINIY, FAO MR. MIGHAEL					
Subject:	PROPOSED WIND FARM AT BALLYFASY, CO. KILKENNY - FAO MR. MICHAEL					
Attachments:	NOLAN Tobin ltr.pdf					
Attachments.	robiir iti.par					
	from outside of the organisation. Do not click links or open attachments unless you recognise nt is safe. Forward unusual emails to spam@tobin.ie for verification.					
RE: PROPOSED WIND FARM	AT BALLYFASY, CO. KILKENNY					
NE. THOTOSED WIND TARRE	AT BALLITAGI, CO. RIERLINI					
Dear						
Diagon final attacks of absorbed	tion letter from the Cofety Bendeties Biritian Appellance Inich Avietics Authority for					
your information.	tion letter from the Safety Regulation Division, Aerodromes, Irish Aviation Authority for					
Yours sincerely,,						
Corporate Affairs						
	=======================================					
	========= PLEASE consider the environment; PRINT ONLY when					
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Irish Aviation Authority
The Times Building
11–12 D'Olier Street
Dublin 2, D02 T449,
Ireland

Údarás Eitlíochta na hÉireann Foirgneamh na hAmanna 11–12 Sráid D'Olier Baile Átha Cliath 2, D02 T449,

T: +353 1 671 8655 F: +353 1 679 2934 www.iaa.ie



23rd November 2022

Attn:

Tobin Consulting Engineers
Block 10-4 Blanchardstown Corporate Park
Dublin 15

Re:

Proposed Wind Farm at Ballyfasy Co. Kilkenny

Applicant Name:

Manogate Ltd.

Re: Manogate have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballymartin, Ballywairy, Bishopsmountain, Ballyfasy Upper & Knockbrack. The proposed site which extends to c. 270 hectares and measures about 2.5km from north to south and ranges from about 1.7km wide to about 2.5km wide at its widest point. ITM coordinates for the centre of the proposed site are E:661500; N626000. Based on the overall 270 hectares land area available and initial studies, it is anticipated that the site will be suitable for development of at least 8 no. wind turbines. lands in the area around Ballymartin, Ballywairy, Bishopsmountain, Ballyfasy Upper & Knockbrack.

Dear

Thank you for your letter/scoping report and request for comments in relation to the proposed Ballyfasy Wind Farm to be located in County Kilkenny.

The development appears to be approximately 20km North of Waterford Airport. As such, it is recommended that you engage directly with Waterford Airport to make them aware of the proposal and ensure appropriate screening from an aviation safety perspective.

It is likely that the following general observations would be proffered by the Authority during a formal planning process: In the event of planning consent being granted, the applicant should be conditioned to contact the Irish Aviation Authority to: (1) agree an aeronautical obstacle warning light scheme for the wind farm development, (2) provide asconstructed coordinates in WGS84 format together with ground and blade tip height

elevations at each wind turbine location and (3) notify the Authority of intention to commence crane operations with at least 30 days prior notification of their erection.

Yours sincerely

Corporate Affairs

From:

@2rn.ie>

Sent:

Friday 11 October 2024 13:00

To: Cc:

windfarms;

Subject:

RE: Ballyfasy Wind Farm, County Kilkenny

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Hi

We have linking in the area but none that passes over the proposed site.

There is a risk of interference to broadcast services in the area so we would ask that a protocol be signed between 2rn and the developer should the site go ahead.

Regards

Project Engineer

Projects and Coverage Planning

2RN

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

D24 WK28

Phone: Mobile:

From:

Sent: Friday, October 11, 2024 11:46:10 AM (UTC+00:00) Dublin, Edinburgh, Lisbon, London

Subject: Ballyfasy Wind Farm, County Kilkenny

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Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of **November 2024**.

Best regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick

Telephone: Email:

Website: http://www.tobin.ie





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From: @cie.ie>

Sent: Tuesday 15 October 2024 10:36

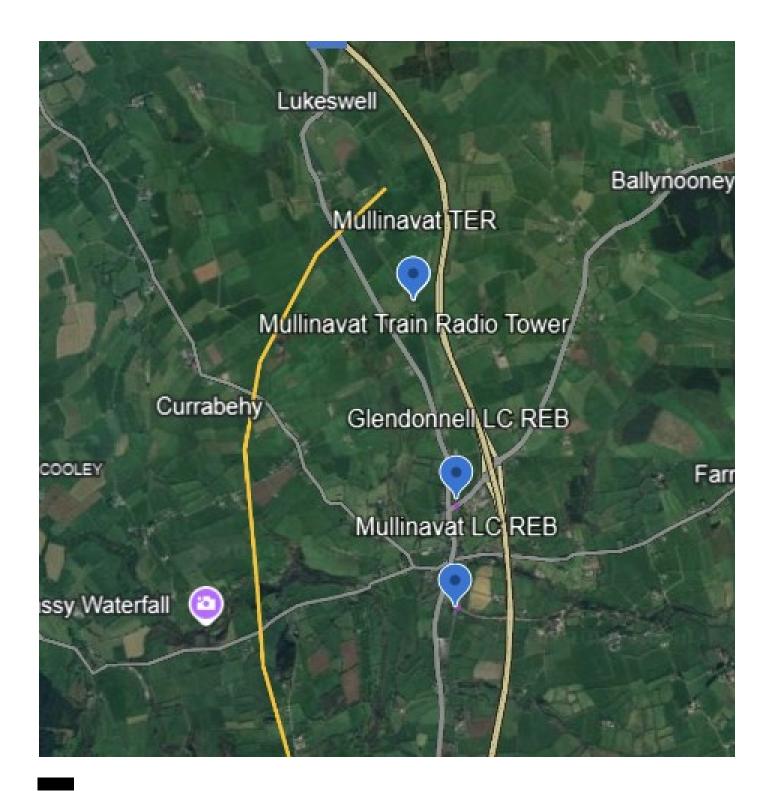
To:

Subject: FW: Ballyfasy Wind Farm, County Kilkenny

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Please see below – the Orange Line indicates \approx 5km distance from the edge of the proposed Windfarm, with the SET sites along the railway indicated on the extract for reference:







Curzon House, 35 Lower Abbey St., Dublin 1, D01 H560 www.cie.ie

Driving Change for a Sustainable future

At Córas Iompair Éireann we believe in facilitating flexible working, so while it suits me to email now, I do not expect a response or action outside of your own working hours.

From:
Sent: Tuesday, October 15, 2024 10:04 AM
To:
Cc:
Subject: RE: Ballyfasy Wind Farm, County Kilkenny

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

Hi**ll**,

Thank you for your reply.

Can you please provide more detail and a map illustrating the exclusion zone referred to?

Kind regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick
Telephone:

Email: http://www.tobin.ie





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From: @cie.ie>

Sent: Tuesday 15 October 2024 09:25

To:

Subject: FW: Ballyfasy Wind Farm, County Kilkenny

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The proposed site lies within the GSM-R (Mobile Network for Railways) exclusion zone and therefore is not permitted. Please see below:

From a study carried out by the ANFR (Agence Nationale des Frequences in France), the output calls for 2 main recommendations by defining 2 main zones as follows:

- 1- Exclusion zone: wind farm not less than 5 Km from antenna
- 2- **Coordination zone**: : 5Km<wind farm <30Km: this area, coordination between operators is required to fix any issue and impact on the signal propagation





M:

Curzon House, 35 Lower Abbey St., Dublin 1, D01 H560 www.cie.ie

Driving Change for a Sustainable future

At Córas Iompair Éireann we believe in facilitating flexible working, so while it suits me to email now, I do not expect a response or action outside of your own working hours.

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

Good Afternoon.

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of **November 2024**.

Best regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick
Telephone:

Email: http://www.tobin.ie





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From:	@irishrail.ie>
Sent: Friday 11 October 2024 11:59	
То:	
Cc:	

Subject: RE: Ballyfasy Wind Farm, County Kilkenny

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Hi,

Please contract property@cie.ie.

Also, please include a .kmz file of your proposal with any future submission for review in Google Earth

Regards,

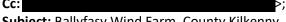
National Telecoms Manager, SET Department





From:

Sent: Friday, October 11, 2024 11:46 AM



Subject: Ballyfasy Wind Farm, County Kilkenny

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

Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the 1st of November 2024.

Best regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers Galway | Dublin | Castlebar | Limerick

Telephone:

Email:

Website: http://www.tobin.ie





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From: Defence Property Management Planning

<PropertyManagementPlanning@defence.ie>

Sent: Wednesday 16 October 2024 14:31

To:

Cc: (Defence); (Defence);

Subject: Ballyfasy Windfarm, County Kilkenny

Follow Up Flag: Follow up Flag Status: Completed

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Without Prejudice

Dear .

I refer to your below e-mail, dated 11th October 2024, in relation to the proposed Ballyfasy Windfarm development located on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack, Co. Kilkenny.

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

As a matter of practice, the Department of Defence does not provide observations or advice in the scoping process, except where the relevant parties have been directed by a planning authority to seek the Department's views.

Having consulted with the Military authorities, the Department of Defence wishes to make the following observations:

- The Minister for Defence is responsible for the regulation of military aviation, whereas the Irish Aviation Authority (IAA) is responsible for the safety regulation of civil aviation including aerodromes. The IAA does not have remit for military aviation or installations. Safeguarding of military flight operations and installations is intended to protect both current and future aircraft operations and also to take account of the security requirements associated with some of those operations.
- All turbines should be illuminated by Type C, Medium intensity, Fixed Red obstacle lighting with a minimum output of 2,000 candela to be visible in all directions of azimuth and to be operational H24/7 days a week.
- Obstacle lighting should be incandescent or, if LED or other types are used, of a type visible to Night Vision equipment. Obstacle lighting used must emit light at the near Infra-Red (IR) range of the electromagnetic spectrum, specifically at or near 850 nanometres (nm) of wavelength. Light intensity to be of similar value to that emitted in the visible spectrum of light
- Any Irish Air Corps (IAC) requirements for are separate to Irish Aviation Authority (IAA) requirements.

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

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

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

Best regards

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

From: Defence Property Management Planning

Sent: Friday 11 October 2024 13:09

To:

Cc: (Defence) @defence.ie>; Defence

Estatemanagement1Brigade <Estatemanagement1Brigade@defence.ie>; Defence Estate Management 2Brigade

<Estatemanagement2Brigade@defence.ie>

Subject: RE: Ballyfasy Wind Farm, County Kilkenny

Dear .

The Department of Defence wishes to acknowledge receipt of your email below re: the proposed Ballyfasy Wind Farm, County Kilkenny

We will consult with the relevant Military Authorities and we will revert in due course.

Kind Regards,

From:

Sent: Friday 11 October 2024 11:46

Cc:

Subject: Ballyfasy Wind Farm, County Kilkenny

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Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of **November 2024**.

Best regards,

BSc (Hons) MSc Assistant Project Manager

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Galway | Dublin | Castlebar | Limerick

Telephone:

Email:

Website: http://www.tobin.ie





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without the prior consent of the Department of Defence.		

From:

@IAA.ie> on behalf of Planning

<planning@iaa.ie>

Sent:

Tuesday 22 October 2024 14:00

To:

Cc:

Subject:

RE: Ballyfasy Wind Farm, County Kilkenny

Attachments: RE: EIA Scoping Report for the proposed Ballyfasy Wind Farm in County Kilkenny

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H

Please see response attached already issued in October 2023.

Regards,

Aerodromes Inspector

The Times Building, 11-12 D'Olier Street, Dublin 2, D02 T449



From:

Sent: Tuesday 22 October 2024 13:26

Cc:

Subject: Ballyfasy Wind Farm, County Kilkenny

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

Dear Sir/Madam.

TOBIN are preparing an Environmental Impact Assessment Report (EIAR) on behalf of Manogate Ltd. for the proposed Ballyfasy Wind Farm in County Kilkenny.

As part of the EIA process, we invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team.

In order to facilitate this, please find attached the EIA Scoping Report providing details of the proposed development, site location, and the proposed scope of the EIAR.

Views/comments on the proposed development can be submitted by email, letter, or telephone to the contact below no later than the 19th of November 2024.

Kind regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers

Galway | Dublin | Castlebar | Limerick

Telephone: Email:

Website: http://www.tobin.ie





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2

From: @IAA.ie>

Sent: Tuesday 17 October 2023 15:47

To: Planning;

Cc:

Subject: RE: EIA Scoping Report for the proposed Ballyfasy Wind Farm in County Kilkenny

Follow Up Flag: Follow up Completed

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Dear

In relation to my email below dated 6th October 2023, The IAA would also recommend engaging directly with the air navigation service provider (ANSP) Air Nav Ireland to undertake a preliminary screening assessment to confirm that the proposed wind farm and the associated cranes that would be utilised during its construction would have no impact on enroute communication, navigation and surveillance equipment.

Email address for Air Nav Ireland is as follows: planning@airnav.ie

Kind regards,

From: Planning

Sent: 06 October 2023 11:45

To:

Cc: Planning <planning@iaa.ie>
Subject: FW: EIA Scoping Report for the proposed Ballyfasy Wind Farm in County Kilkenny

Dear

Thank you for your scoping letter/report and request for comments in relation to the proposed Ballyfasy Wind Farm, to be located at Ballyfasy, Co. Kilkenny.

The proposed wind farm development appears to be approximately 20km North of Waterford Airport, as such, it is recommended that the developer engage directly with Waterford Airport to make them aware of the proposal and ensure appropriate screening from an aviation safety perspective.

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

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

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

For information, please forward any future planning related queries to planning@iaa.ie.

Best Regards,

From

Sent: Thursday, September 28, 2023 11:32 AM **To:** IAA INFORMATION <iaainfo@IAA.ie>

Cc:

Subject: EIA Scoping Report for the proposed Ballyfasy Wind Farm in County Kilkenny

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

Dear Sir/Madam,

TOBIN Consulting Engineers are preparing an Environmental Impact Assessment Report (EIAR) on behalf of Manogate Ltd. for the proposed Ballyfasy Wind Farm in County Kilkenny.

As part of the EIA process, we invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team.

In order to facilitate this, please find attached a scoping letter and the EIA Scoping Report providing details of the proposed development, site location, and the proposed scope of the EIAR.

Views/comments on the proposed development can be submitted by email, letter, or telephone to the contact below no later than the 27th of October 2023.

Kind regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers

Galway | Dublin | Castlebar | Limerick

Telephone:

Email:

Website: http://www.tobin.ie





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======================================
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From: Sent: To: Cc: Subject:	@kclr96fm.com> Thursday 14 November 2024 17:27 Re: Ballyfasy Wind Farm, County Kilkenny
Follow Up Flag: Flag Status:	Follow up Completed
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_	d from outside of the organisation. Do not click links, open attachments or scan QR codes unless know the content is safe. Forward unusual emails to spam@tobin.ie for verification.
In the absence of the provential has a negative impact on developments are responsively in this instance construction of any development and the provision of service. Please do not hesitate to describe the provision of the development and the provision of the service. Chief Executive	received information on the application boundary but its not much use as ormation on locations of masts of any proposed development in order to determine the turbines will impact our transmission. Ision of that information to us, please assume that the proposed development will our transmissions and plan accordingly. I understand that in general, proposed sible for ensuring that no disruption is caused to licensed transmissions and that this ce. I'd be grateful if you would keep me appraised of developments as the oppment that impacts on our transmission will have a serious impact on our business ses to our listeners in the area. Contact me if you would like any further information or clarification on our position
Prom: Date: Wednesday, 13 N To: Cc: Subject: RE: Ballyfasy V	ovember 2024 at 14:42 @kclr96fm.com> Vind Farm, County Kilkenny
	iginated from outside KCLR. Do not click links or open attachments unless
you recognise the sende	er and know the content is safe.
Many thanks for your ema We did hear from format for his review on the	il. by email and issued a copy of the application boundary in a .kmz file e 23/10/2024 as requested.

We are unable to provide a turbine layout at this time as this is currently under review and not frozen.

In the meantime, please let us know if you have any comments based on the application boundary provided. Once we have the final layout, we can issue it to you then.

Kind regards,



TOBIN Consulting Engineers

Galway | Dublin | Castlebar | Limerick

Telephone: Email:

Website: http://www.tobin.ie





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From: @kclr96fm.com>
Sent: Wednesday 13 November 2024 09:28
To: >

Subject: Re: Ballyfasy Wind Farm, County Kilkenny

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Hi

I am following up your email below from October 10th last.

Following receipt, I asked reasonable of Radio Services Limited – a company who manage transmission services for our company KCLR, to make contact with your office to ascertain more information about the proposed project in order to see whether it might interfere with our radio broadcasts in the area covered by the map you supplied.

When last I checked with the made contact and left a message however he has not heard anything since.

KCLR, the local radio station for Kilkenny and Carlow, broadcasts from a transmitter in Corbally Wood near Piltown, Co Kilkenny.

In order for us to estimate whether the proposed windfarm development will impact on our transmissions we need to know the location of the proposed turbines.

I would be grateful if you would provide this information to us at your earliest convenience. This will enable us to estimate whether or not the proposed development will have any impact on us.

Many thanks for your attention to this matter and I look forward to hearing from you.

Regards

CEO KCLR

From:

Date: Friday, 11 October 2024 at 11:47

To:

Cc:

Subject: Ballyfasy Wind Farm, County Kilkenny

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

Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

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Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of **November 2024**.

Best regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick

Telephone:

Email: Website: http://www.tobin.ie





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From:

Sent: Thursday 14 November 2024 15:15

To: Cc:

Subject:

RE: Ballyfasy Wind Farm, County Kilkenny

Hi

Many thanks for your email.

We are unable to provide a turbine layout at this time as this is currently under review and not frozen.

In the meantime, please let us know if you have any comments based on the site boundary provided and what links may pass through this area. Once we have the final layout, we can issue it to you then.

Thanks, kind regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick

Telephone: +353 Email:

Website: http://www.tobin.ie



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From: @radioservices.ie>

Sent: Wednesday 13 November 2024 17:09

Subject: Re: Ballyfasy Wind Farm, County Kilkenny

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Hi ,

There is no turbine placements on the map and no turbine details. I think this would be standard if you are asking us to look at path links.

Many Thanks

On Wed, 23 Oct 2024 at 09:04, Hi Please find .kmz file attached for your review. Many thanks, BSc (Hons) MSc **Assistant Project Manager TOBIN Consulting Engineers** Galway | Dublin | Castlebar | Limerick Telephone: Email:



Website: http://www.tobin.ie



2020 Association of Consulting Engineers of Ireland Awards Winner: Project Management 2019 Association of Consulting Engineers of Ireland Awards Winner: Design Excellence (Structures) 2018 Engineers Ireland Excellence Awards Winner: Engineering Project of the Year **2018** Engineers Ireland Excellence Awards Winner: Heritage and Conservation Disclaimer "This email is confidential and intended solely for the use of the individual to whom it is addressed. If you are not the intended recipient, be advised that you have received this email in error and that any use, dissemination, forwarding, printing, or copying of this email is strictly prohibited. If you have received this email in error please contact the sender and destroy this email. Any views or opinions presented are solely those of the author and do not necessarily represent those of TOBIN. Although this email and any attachments are believed to be free of any virus or other defects, which might affect any computer or IT system into which they are received, no responsibility is accepted by TOBIN for any loss or damage arising in any way from the receipt or use thereof" @radioservices.ie> Sent: Wednesday 23 October 2024 08:00 Subject: Re: Ballyfasy Wind Farm, County Kilkenny You don't often get email from Learn why this is important CAUTION: This email originated from outside of the organisation. Do not click links, open attachments or scan QR codes unless you recognise the sender and know the content is safe. Forward unusual emails to spam@tobin.ie for verification. Hi Can you please respond to this email? Many Thanks

@radioservices.ie> wrote:

On Sun, 13 Oct 2024 at 16:19,

Hi

I work as the engineer for Beat, WLR and KCLR. Can you send me the google maps .KZM file for this proposed wind turbines,
Many Thanks
Radio Services
Radio Services
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Radio Services

From: @waterfordairport.ie>

Sent: Wednesday 6 November 2024 17:52

To:

Subject: RE: Ballyfasy Wind Farm, County Kilkenny

Follow Up Flag: Follow up Completed

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Thank you for your email.

My initial review highlights the following safety items. The developer will need to engage an approved instrument flight procedure designer to ensure the propose development does not have a safety effect on the existing published instrument flight procedures and associated airspace, including the items highlighted below for the current and planned future runway.

Flight Procedures:

Potential impact to the current flight procedures obstacle clearance requirements.

Future: Potential impact to the flight procedures required to underpin the new runway

LPV and SBAS: Potential impact to current and future procedures for new runway and associated holds and airspace

Airport Minimum Sector Altitude: (MSA) – Potential impact to MSA's

<u>Flight Calibration Processes (Current ILS and Future LPV / SBAS)</u>: interfere with mandatory flight checking operations.

Interference with Airport based Radio and Navigational Equipment and Radar

NDB / DME -

<u>Localiser and Glide Path</u> – Including potential to interfere with flight checking operations.

Radar Operations (present or future) -

The location of the proposed wind farm appears to be abutting the northwest section of the current airport air traffic control zone and associated controlled airspace. Waterford Airport have concerns that the proposed wind turbines will infringe the instrument flight procedures obstacle clearance requirements and effect the mandatory safety airborne flight checking patterns required to be flown to underpin the integrity of the instrument landing system at Waterford Airport. In addition, Waterford Airport has planning permission for development of its runway and associated areas which will alter the current instrument flights procedures and associated airspace requirements potentially beyond the current control zone.

Kind regards,

Airport Manager Waterford Airport

@waterfordairport.ie
Telephone:
Mobile:

From:

Sent: Friday 11 October 2024 11:46

C. Lind Ball for Mind From Cond. William

Subject: Ballyfasy Wind Farm, County Kilkenny

Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of **November 2024**.

Best regards,

BSc (Hons) MSc

Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick

Telephone: Email:

Website: http://www.tobin.ie





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From: Defence Property Management Planning < PropertyManagementPlanning@defence.ie>

Sent: Friday 25 July 2025 11:12

To:

Subject: RE: Ballyfasy Windfarm, County Kilkenny

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Without Prejudice

Dear

I refer to your below e-mail, dated 26th May 2025, in relation to the proposed Ballyfasy Windfarm development, Co. Kilkenny.

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

As a matter of practice, the Department of Defence does not provide observations or advice in the scoping process, except where the relevant parties have been directed by a planning authority to seek the Department's views.

Having consulted with the Military authorities, the Department of Defence wishes to make the following observations:

 The M9 route is identified as an Irish Air Corp low level route. The location of structures higher than 45m above ground within 3NM of the route centreline of low level routes should be considered.

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

We would appreciate if you could keep us informed on any progress relating to this proposed development.

Kind Regards

Estate Management

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.

E-mail propertymanagementplanning@defence.ie

From: Defence Property Management Planning < PropertyManagementPlanning@defence.ie>

Sent: Thursday 29 May 2025 09:59

To:

Cc: Defence Property Management Planning < PropertyManagementPlanning@defence.ie>

Subject: RE: Ballyfasy Windfarm, County Kilkenny

The Department of Defence wishes to acknowledge receipt of your email below re: Ballyfasy Wind Farm, County Kilkenny

We will consult with the relevant Military Authorities and we will revert in due course.

Kind Regards,

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.

From:		
Sent: Monday 26 May 20	25 16:27	
To: Defence Property Ma	nagement Planning < <u>PropertyManagement</u>	:Planning@defence.ie>
Cc:		(Defence)
<	(Defence) <	
<	>	

Subject: RE: Ballyfasy Windfarm, County Kilkenny

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Good afternoon,

Following on from our previous scoping correspondence, the proposed Ballyfasy Wind Farm project has progressed. Please see attached the proposed turbine layout and the turbine coordinates below:

Turbine	X_Coord	Y_Coord
T1	660473.2*	625075.7*
T10	660474.3*	625571.0*
T2	660841.2*	624806.8*
T3	661312.3*	625957.2*
T4	661856.9*	626410.1*
T5	662414.2*	626430.7*
T6	662309.1*	625948.5*
T7	661712.5*	625715.4*
T8	661587.6*	624244.8*
Т9	661124.4*	625435.9*

We are considering a range of parameters for this project:

• Tip Height: 169 - 180m;

Rotor Diameter: 149m - 163m;Hub Height: 98.5m - 105m.

Can you please confirm if the positioning of these proposed turbines will cause interference to Department of Defence / Irish Air Corps networks or activity?

Thank you, kind regards,



TOBIN Consulting Engineers

Galway | Dublin | Castlebar | Limerick

Telephone: +353 (0)1 8030401

Email: Website:

http://www.tobin.ie







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From: Defenc	e Property Management	Planning < Property Managem	entPlanning@defence.ie>	
Sent: Wednes	day 16 October 2024 14:	31		
To:	*	2		
Cc:	(Defence) <		(Defence)	
<		(Defence)	;	

Subject: Ballyfasy Windfarm, County Kilkenny

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Without Prejudice

Dear

I refer to your below e-mail, dated 11th October 2024, in relation to the proposed Ballyfasy Windfarm development located on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack, Co. Kilkenny.

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

As a matter of practice, the Department of Defence does not provide observations or advice in the scoping process, except where the relevant parties have been directed by a planning authority to seek the Department's views.

Having consulted with the Military authorities, the Department of Defence wishes to make the following observations:

- The Minister for Defence is responsible for the regulation of military aviation, whereas the Irish Aviation Authority (IAA) is responsible for the safety regulation of civil aviation including aerodromes. The IAA does not have remit for military aviation or installations. Safeguarding of military flight operations and installations is intended to protect both current and future aircraft operations and also to take account of the security requirements associated with some of those operations.
- All turbines should be illuminated by Type C, Medium intensity, Fixed Red obstacle lighting with a minimum output of 2,000 candela to be visible in all directions of azimuth and to be operational H24/7 days a week.
- Obstacle lighting should be incandescent or, if LED or other types are used, of a type visible to Night Vision equipment. Obstacle lighting used must emit light at the near Infra-Red (IR) range of the electromagnetic spectrum, specifically at or near 850 nanometres (nm) of wavelength. Light intensity to be of similar value to that emitted in the visible spectrum of light
- Any Irish Air Corps (IAC) requirements for are separate to Irish Aviation Authority (IAA) requirements.

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

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

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

Best regards

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 452199

From: Defence Property Management Planning
Sent: Friday 11 October 2024 13:09
To: (Defence)
Cc: (Defence) Defence Estatemanagement1Brigade < Estatemanagement1Brigade@defence.ie ; Defence Estate Management 2Brigade < Estatemanagement2Brigade@defence.ie >
Subject: RE: Ballyfasy Wind Farm, County Kilkenny
Dear
The Department of Defence wishes to acknowledge receipt of your email below re: the proposed Ballyfasy Wind Farm, County Kilkenny
We will consult with the relevant Military Authorities and we will revert in due course.
Kind Regards,
From:
Sent: Friday 11 October 2024 11:46
Cc: ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;
Subject: Ballyfasy Wind Farm, County Kilkenny

Good Morning,

Manogate Ltd. propose to develop the Ballyfasy Wind Farm, located in County Kilkenny.

safe. If you are in any doubt, please contact the OGCIO IT Service Desk.

Manogate Ltd. have landowner agreements in place in south Kilkenny and are proposing to develop a wind farm on part of these lands in the area around Ballinlammy, Ballyfasy Upper, Ballymartin, Ballynoony East, Ballyquin, Ballywairy Bishopsmountain, Darbystown and Knockbrack (see attached map). The proposed site extends to approximately 372 hectares. ITM coordinates for the centre of the proposed site are E:661500; N626000.

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Based on the overall land area available and initial studies, it is anticipated that the site will be suitable for development of 10 no. wind turbines.

Manogate Ltd has engaged a team of technical specialists who are in the process of scoping environmental assessments for the proposed development.

As part of the initial scoping process, we wish to identify areas on the attached map that might cause interference to your networks if turbines were to be sited there. We therefore invite you to submit any relevant information that you may hold and/or highlight any issues that you feel should be directed to the project team. If you have any views/comments on the proposed development, can you please respond no later than the **1**st of November 2024.

Best regards,

BSc (Hons) MSc Assistant Project Manager

TOBIN Consulting Engineers
Galway | Dublin | Castlebar | Limerick

Telephone: +353 (0)1 8030401

Email:

Website: http://www.tobin.ie







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From:

Sent: Monday 3 November 2025 4:13 pm

To:

Subject: FW: Ballyfasy Wind Farm, Co. Kilkenny

From: (ESB Networks)

Sent: Thursday 28 August 2025 14:21

Te:

Subject: RE: Ballyfasy Wind Farm, Co. Kilkenny

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Good afternoon,

We have completed our assessment of the Ballyfasy Wind Farm development and have identified an exclusion zone necessary to protect our link. To avoid potential interference, it is essential that the turbine base be situated outside of this exclusion zone.

Please find attached the GIS file in KML format for your reference. If you have any further questions, please feel free to reach out.

We appreciate your patience during this assessment process.

Kind regards,

From:

Sent: Monday 14 April 2025 12:22

To: (ESB Networks) Cc: >;

Subject: Ballyfasy Wind Farm, Co. Kilkenny

Importance: High

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Good afternoon,

Following on from our 2022/2023 scoping correspondence (see attached), the proposed Ballyfasy Wind Farm project has progressed. Please see attached the proposed turbine layout and the turbine co-ordinates below. We are considering at a range of parameters for this project:

• Tip Height – 169 - 180m

• Rotor Diameter: 149m - 163m

• Hub Height: 98.5m - 105m

Turbine	X_Coord	Y_Coord
T1	660473.2*	625075.7*
T10	660474.3*	625571.0*
T2	660841.2*	624806.8*
Т3	661312.3*	625957.2*
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Т6	662309.1*	625948.5*
T7	661712.5*	625715.4*
T8	661587.6*	624244.8*
Т9	661124.4*	625435.9*

Can you please confirm if the positioning of these proposed turbines will cause interference to your networks?

Best regards,

Senior Project Manager







2024 Engineering Excellence Awards Winner: Environmental Engineering Project of the Year

2022 Engineers Ireland Awards Winner: CPD Employer of the Year

2022 Association of Consulting Engineers of Ireland Awards Winner: Innovation

2020 Association of Consulting Engineers of Ireland Awards Winner: Project Management

2019 Association of Consulting Engineers of Ireland Awards Winner: Design Excellence (Structures)

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* ** *** ** * * * ** ** * * * * * * *