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**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection  
**From:** Matthew Craig <matthew.craig@2rn.ie>  
**Date:** Thu, May 28, 2020 2:47 pm  
**To:** "conor@galetechenergy.com" <conor@galetechenergy.com>  
**Cc:** "windfarms@rte.ie" <windfarms@rte.ie>, Johnny Evans <Johnny.Evans@2rn.ie>

Hi Conor,

The proposed sub-station poses no risk to our fixed linking and a low risk to DTT services. There is already a Protocol signed for the Windfarm, we would consider the sub-station, in this case, to be part of the Windfarm.

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:** conor@galetechenergy.com <conor@galetechenergy.com>  
**Sent:** 19 May 2020 12:25  
**To:** Matthew Craig <matthew.craig@2rn.ie>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**From:** Roger Woods <rwoods@bai.ie>  
**Sent:** 19 May 2020 14:24  
**To:** conor@galetechenergy.com  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Hi Conor

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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---

**From:** conor@galetechenergy.com <conor@galetechenergy.com>  
**Sent:** Tuesday 19 May 2020 12:39  
**To:** Roger Woods <rwoods@bai.ie>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetch Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**conor@galetechenergy.com**

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**From:** padraig.condon@bt.com  
**Sent:** 19 May 2020 10:32  
**To:** conor@galetechenergy.com  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Hi Conor,

I can confirm the proposed 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](mailto:padraig.condon@bt.com)**  
**<https://www.webjoin.com/>**  
**Participant: 40342233#**  
**Web: [www.btireland.com](http://www.btireland.com)**



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**From:** conor@galetechenergy.com [mailto:conor@galetechenergy.com]  
**Sent:** 19 May 2020 09:57  
**To:** Condon,PG,Padraig,NQE32E R <padraig.condon@bt.com>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,

Conor

**Conor Foy | [Galetech Energy Services](#)**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**From:** Manager DAU <Manager.DAU@chg.gov.ie>  
**Sent:** 20 May 2020 10:08  
**To:** conor@galetechenergy.com  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Our Ref: G Pre00086/2020 (Please quote in all related correspondence)

A Chara

On behalf of the Department of Culture, Heritage and the Gaeltacht, I acknowledge receipt of your recent consultation.

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

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

If you have not heard from DAU and wish to receive an update, please telephone the direct line number below or email [manager.dau@chg.gov.ie](mailto:manager.dau@chg.gov.ie).

Connor Rooney  
Executive Officer

—  
An Roinn Cultúir, Oidhreachta 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](mailto:manager.dau@chg.gov.ie)  
[www.chg.gov.ie](http://www.chg.gov.ie)  
—

---

**From:** conor@galetechenergy.com [mailto:conor@galetechenergy.com]  
**Sent:** Tuesday 19 May 2020 10:41  
**To:** nationalmonuments; BuiltHeritage; Culture Ireland - Info; Manager DAU  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,

Conor

**Conor Foy | Galetch Energy Services**

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06

M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**From:** euplanningregulation <euplanningregulation@housing.gov.ie>  
**Sent:** 22 May 2020 14:03  
**To:** conor@galetechenergy.com  
**Cc:** info@galetechenergy.com  
**Subject:** Pre-Application Scoping Request: Proposed 110kV substation in County Monaghan

Dear Conor,

I wish to acknowledge receipt of recent correspondence to the DHPLG regarding a pre-application scoping request for a proposed 110kV substation in County Monaghan.

I wish to advise 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

\*\*\*\*\*

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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**From:** John Bagnall <john.bagnall@eir.ie>  
**Sent:** 12 June 2020 17:26  
**To:** conor@galetechenergy.com  
**Cc:** Mobile Networks TXN  
**Subject:** Re: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Hi Conor,

We have no transmission services that will be affected by these works. Best of luck with your proposal.

Please keep sending future windfarm development analysis and large infrastructure project requests to [MobileNetworksTXN@eir.ie](mailto: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](mailto:john.bagnall@eir.ie)

Address: EirCode - D24 HX03

On Tue, 19 May 2020 at 12:03, <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)> wrote:

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,

Conor

**Conor Foy | Galetech Energy Services**

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06

M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection  
**From:** planning applications <planning.applications@failteireland.ie>  
**Date:** Wed, May 27, 2020 4:24 pm  
**To:** "conor@galetechenergy.com" <conor@galetechenergy.com>  
**Attach:** image001.png  
image002.png  
image003.png  
image004.png  
image005.png  
Ireland EIAR Guidelines.pdf

Hello Conor,

Thank for your e-mail and information regarding the Drumlins Park Wind Farm 110kv Substation & Grid Connection scoping request.

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-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](http://www.failteireland.ie)



Please consider the environment before printing this email

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**From:** conor@galetechenergy.com <conor@galetechenergy.com>  
**Sent:** Tuesday 19 May 2020 10:55  
**To:** planning applications <planning.applications@failteireland.ie>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

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To whom it may concern,

Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,

Conor

## Conor Foy | Galetech Energy Services

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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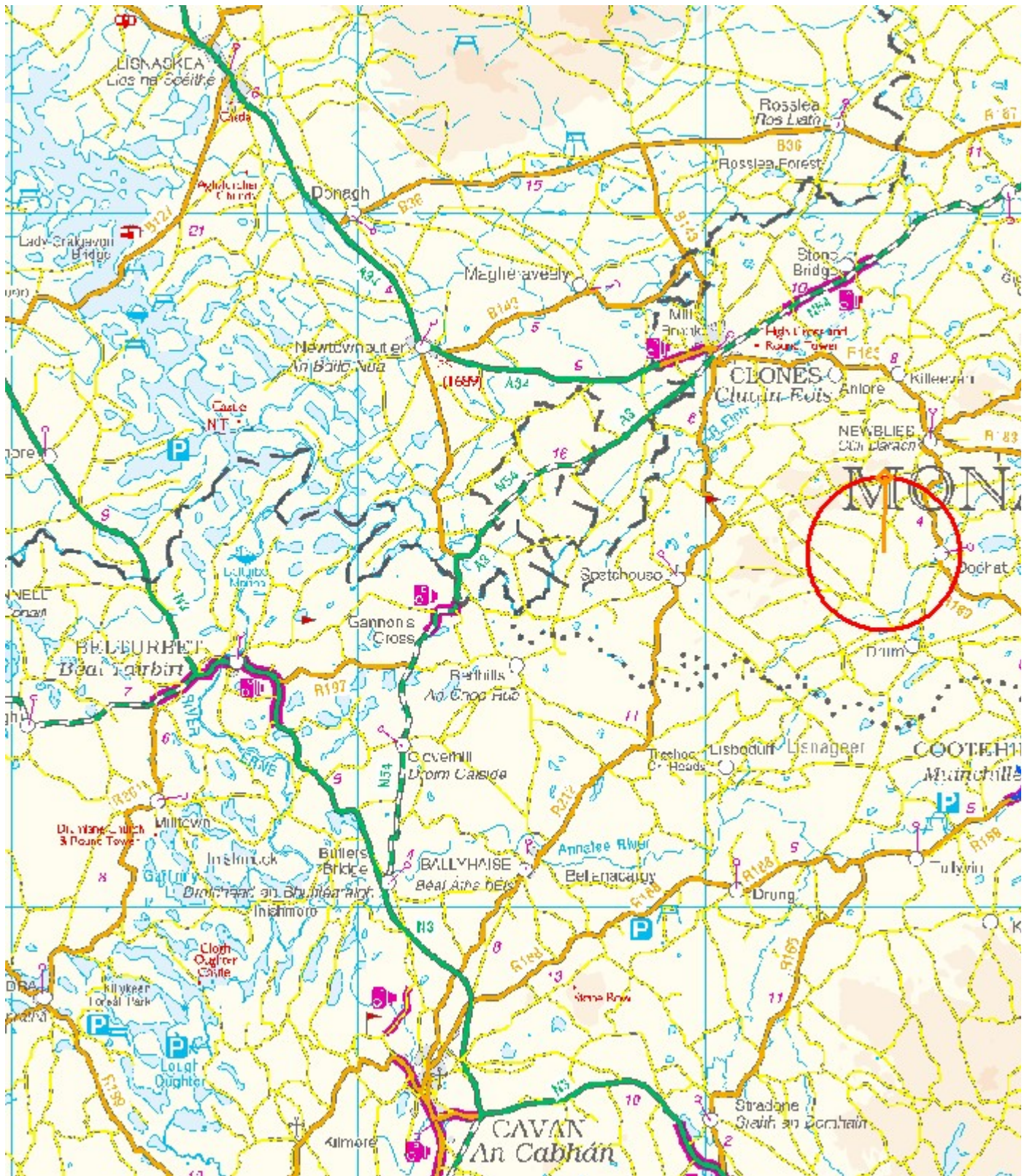


**From:** DIG <Dig@gasnetworks.ie>  
**Sent:** 21 May 2020 09:13  
**To:** 'conor@galetechenergy.com'  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection  
**Attachments:** GNI A5 Safety Advice Booklet April 2019.pdf

Thank you for your enquiry to the Gas Networks Ireland *Dial Before You Dig* service.

Gas Networks Ireland has *No recorded Gas Network* within your area of interest.

Before you start work, you must have a current gas network map (or maps) for the work location. A current gas network map (or maps) must always be kept on site while work is under way.



## The Gas Network

For an overview of the existing Gas Network, please refer to the Gas Networks Ireland safety booklet, [Safety advice for working in the vicinity of natural gas pipelines](https://www.gasnetworks.ie/home/safety/dial-before-you-dig/), available at <https://www.gasnetworks.ie/home/safety/dial-before-you-dig/>

## Reading your Map



- High pressure transmission gas pipe is shown **Red**.
- Medium pressure distribution gas pipe is shown **Blue**.
- Low Pressure distribution gas pipe is shown **Green**.

The gas network map is indicative only. You must conform to the safety and legal notices printed on the map. For further information on reading this map refer to the [Safety Information](#) below.

## Breaking Ground

- Supervision by Gas Networks Ireland is **not** required when working in the vicinity of Distribution gas pipes (unless noted otherwise). Safe digging practices **must** be followed. All work in the vicinity of a gas transmission pipeline **must** be carried out in compliance with:
  - Health and Safety Authority, [Code of Practice for Avoiding Danger from Underground Services](#).

## Critical Activity

**Quarrying or blasting** must not be carried out within 400 m of the gas network until Gas Networks Ireland has been consulted on **1850 42 77 47**

## Aurora Telecom

- Part of the Aurora Telecom Network may be present on your network map. For further information, Aurora can be contacted on **01 892 6166** (Office Hours) or [auroralink@gasnetworks.ie](mailto:auroralink@gasnetworks.ie).

## Safety Information

- Before starting work any work in the vicinity of the gas network, please refer to the Gas Networks Ireland safety booklet, [Safety advice for working in the vicinity of natural gas pipelines](#), available at <https://www.gasnetworks.ie/home/safety/dial-before-you-dig/>

This booklet contains important safety information, including advice on how to read the gas network maps you have requested.

If you did not request this map, please contact Customer Service on **1850 200 694**.

Thank you for your enquiry to Gas Networks Ireland.

**T** 1850 20 50 50 (Emergency)

**T** 1850 42 77 47 (Dial Before You Dig enquiries)

**E** [dig@gasnetworks.ie](mailto:dig@gasnetworks.ie)

**Gas Networks Ireland** Networks Services Centre, St. Margaret's Road, Finglas, D11 Y895 [gasnetworks.ie](http://gasnetworks.ie) | Find us on [Twitter](#)



**Gas  
Networks  
Ireland**

## Useful Publications

- Health and Safety Authority, [Code of Practice for Avoiding Danger from Underground Services](#)
- Health and Safety Authority, [Guide to Safety in Excavations](#)

Both are available free of charge from: Health and Safety Authority on **1890 289 389** [www.hsa.ie](http://www.hsa.ie)

---

**From:** conor@galetechenergy.com [mailto:conor@galetechenergy.com]  
**Sent:** 20 May 2020 12:03  
**To:** DIG <Dig@gasnetworks.ie>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,

Please see attached scoping consultation regarding a 110kv electrical substation in Co. Monaghan sent to you as recommended by your colleague Doncha O'Sullivan.

Kind Regards,

Conor

**Conor Foy | Galetech Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)>  
**Sent:** 20 May 2020 11:39  
**To:** 'Donncha O'Sullivan' <[Donncha.OSullivan@gasnetworks.ie](mailto:Donncha.OSullivan@gasnetworks.ie)>  
**Cc:** 'Jim Brohan (James)' <[Jim.Brohan@gasnetworks.ie](mailto:Jim.Brohan@gasnetworks.ie)>; 'Wayne Mullins' <[Wayne.Mullins@gasnetworks.ie](mailto:Wayne.Mullins@gasnetworks.ie)>; 'Kevin O'Callaghan' <[Kevin.OCallaghan@gasnetworks.ie](mailto:Kevin.OCallaghan@gasnetworks.ie)>  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Thanks Donncha, I will contact them as requested.

Kind Regards,

Conor

**Conor Foy | Galetech Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**From:** Donncha O'Sullivan <[Donncha.OSullivan@gasnetworks.ie](mailto:Donncha.OSullivan@gasnetworks.ie)>  
**Sent:** 19 May 2020 12:01  
**To:** 'conor@galetechenergy.com' <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)>  
**Cc:** Jim Brohan (James) <[Jim.Brohan@gasnetworks.ie](mailto:Jim.Brohan@gasnetworks.ie)>; Wayne Mullins <[Wayne.Mullins@gasnetworks.ie](mailto:Wayne.Mullins@gasnetworks.ie)>; Kevin O'Callaghan <[Kevin.OCallaghan@gasnetworks.ie](mailto:Kevin.OCallaghan@gasnetworks.ie)>  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Conor,

On reviewing my earlier e-mail I note I may have misinformed you. There is no Gas Transmission infrastructure in the subject area.

There is however some Gas Distribution infrastructure in the vicinity. Please contact [dig@gasnetworks.ie](mailto:dig@gasnetworks.ie) in regard to such.

Regards,

Donncha

**Donncha Ó Sullivan BE CEng MIEI MIGEM**  
Development Liaison Engineer

**Gas Networks Ireland**  
P.O. Box 51, Gasworks Road, Cork, Ireland

**T** +353 21 453 4613 | **M** +353 87 982 2437  
**E** [donncha.osullivan@gasnetworks.ie](mailto:donncha.osullivan@gasnetworks.ie)

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**From:** Donncha O'Sullivan  
**Sent:** 19 May 2020 11:54  
**To:** 'conor@galetechenergy.com' <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)>  
**Cc:** Jim Brohan (James) <[Jim.Brohan@gasnetworks.ie](mailto:Jim.Brohan@gasnetworks.ie)>; Wayne Mullins <[Wayne.Mullins@gasnetworks.ie](mailto:Wayne.Mullins@gasnetworks.ie)>  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

No GNI infrastructure in the subject vicinities. As such we have no comment to make in regard to the proposal.

Regards,

Donncha

**Donncha Ó Sullivan BE CEng MIEI MIGEM**  
Development Liaison Engineer

**Gas Networks Ireland**  
P.O. Box 51, Gasworks Road, Cork, Ireland

T +353 21 453 4613 | M +353 87 982 2437  
E [donncha.osullivan@gasnetworks.ie](mailto:donncha.osullivan@gasnetworks.ie)

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**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) [<mailto:conor@galetechenergy.com>]  
**Sent:** 19 May 2020 10:56  
**To:** Donncha O'Sullivan <[Donncha.OSullivan@gasnetworks.ie](mailto:Donncha.OSullivan@gasnetworks.ie)>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,

Conor

**Conor Foy | Galetech Energy Services**

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06

M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

Galetech Energy Services Limited  
Registered in Ireland No. 352304 | Registered Office: Greaghcrotagh, Cootehill, Co. Cavan H12 NV06

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

Go raibh maith agat as d'aird a thabhairt.

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Thank you for your attention.

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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, toirimisceithe agus féadfar é a bheith neamhdhleathach. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh iomlán agus ceart na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Ní ghlacann Líonraí Gáis Éireann le haon dliteanas faoi ghníomh nó faoi iarmhairtí bunaithe ar úsáid thoirmisceithe na faisnéise seo. Níl Líonraí Gáis Éireann faoi dhliteanas maidir le seachadadh ceart agus iomlán na faisnéise sa chumarsáid seo nó maidir le haon mhoill a bhaineann léi. Má fuair tú an teachtaireacht seo in earráid, más é do thoil é, déan teagmháil leis an seoltóir agus scríos an t-ábhar ó gach aon ríomhaire.

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Thank you for your attention.

**From:** Donncha O'Sullivan <Donncha.OSullivan@gasnetworks.ie>  
**Sent:** 19 May 2020 12:01  
**To:** 'conor@galetechenergy.com'  
**Cc:** Jim Brohan (James); Wayne Mullins; Kevin O'Callaghan  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Conor,

On reviewing my earlier e-mail I note I may have misinformed you. There is no Gas Transmission infrastructure in the subject area.

There is however some Gas Distribution infrastructure in the vicinity. Please contact [dig@gasnetworks.ie](mailto:dig@gasnetworks.ie) in regard to such.

*Regards,*

*Donncha*

**Donncha Ó Sullivan BE CEng MIEI MIGEM**  
*Development Liaison Engineer*

**Gas Networks Ireland**  
P.O. Box 51, Gasworks Road, Cork, Ireland

**T** +353 21 453 4613 | **M** +353 87 982 2437  
**E** [donncha.osullivan@gasnetworks.ie](mailto:donncha.osullivan@gasnetworks.ie)

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**From:** Donncha O'Sullivan  
**Sent:** 19 May 2020 11:54  
**To:** 'conor@galetechenergy.com' <conor@galetechenergy.com>  
**Cc:** Jim Brohan (James) <Jim.Brohan@gasnetworks.ie>; Wayne Mullins <Wayne.Mullins@gasnetworks.ie>  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

No GNI infrastructure in the subject vicinities. As such we have no comment to make in regard to the proposal.

*Regards,*

*Donncha*

**Donncha Ó Sullivan BE CEng MIEI MIGEM**  
*Development Liaison Engineer*

**Gas Networks Ireland**  
P.O. Box 51, Gasworks Road, Cork, Ireland

**T** +353 21 453 4613 | **M** +353 87 982 2437  
**E** [donncha.osullivan@gasnetworks.ie](mailto:donncha.osullivan@gasnetworks.ie)



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---

**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) [<mailto:conor@galetechenergy.com>]

**Sent:** 19 May 2020 10:56

**To:** Donncha O'Sullivan <[Donncha.OSullivan@gasnetworks.ie](mailto:Donncha.OSullivan@gasnetworks.ie)>

**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,

Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.

Kind regards,

Conor

**Conor Foy | Galetech Energy Services**

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06

M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

Galetech Energy Services Limited

Registered in Ireland No. 352304 | Registered Office: Greaghcrotagh, Cootehill, Co. Cavan H12 NV06

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Thank you for your attention.

**From:** Clare Glanville <Clare.Glanville@DCCAE.gov.ie>  
**Sent:** 03 June 2020 11:12  
**To:** 'conor@galetechenergy.com'  
**Cc:** John Butler; Clare Glanville  
**Subject:** 20/104\_ Pre-App Scoping Drumlins Park Wind Farm 110kv Substation & Grid Connection Co Monaghan  
**Attachments:** MN015\_Rockcorry\_Cootehill\_Ribbed\_Moraines.pdf; 20\_104\_ Pre-App Scoping Drumlins Park Wind Farm 110kv Substation & Grid Connection Co Monaghan.pdf

**Re: Pre-App Scoping Drumlins Park Wind Farm 110kv Substation & Grid Connection Co Monaghan.**  
**Your Ref: N/A**  
**Our Ref: 20/104**

Conor,

With reference to your correspondence of 25 May 2020, concerning the pre-application scoping report for Drumlins Park Wind Farm 110kv substation & grid connection Co Monaghan, please find attached response from Geological Survey Ireland, Please note that the attached document is in addition to previous comments submitted to Monaghan Co Council in relation to the planning application for the Drumlins Park Windfarm development itself (GSI ref: 19/107), which we understand from your correspondence is currently before the local authority planning department for consideration. Also attached is a copy of our CGS report for the adjacent **Rockcorry-Cootehill Ribbed Moraines** which bounds the proposed development to the south and east, and is a proposed Natural heritage Area (NHA).

If you have any further queries please do not hesitate to contact me [9clare.glanville@gsi.ie](mailto:9clare.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](mailto:clare.glanville@DCCAE.gov.ie) [www.gsi.ie](http://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.



Galetech Energy Services  
Clondargan  
Stradone  
Co. Cavan  
Ireland  
H12 NV06

03 June 2020

**Re: Pre-App Scoping Drumlins Park Wind Farm 110kv Substation & Grid Connection Co Monaghan.**  
**Your Ref: N/A**  
**Our Ref: 20/104**

Geological Survey Ireland is the national earth science agency and has datasets on Bedrock Geology, Quaternary Geology, Geological Heritage Sites, Mineral deposits, Groundwater Resources and the Irish Seabed. These comprise maps, reports and extensive databases that include mineral occurrences, bedrock/mineral exploration groundwater/site investigation boreholes, karst features, wells and springs. Please see our [website](#) for data availability and we recommend using these various data sets, when undergoing the EIAR, planning and scoping processes. Geological Survey Ireland should be referenced to as such and should any data or geological maps be used, they should be attributed correctly to Geological Survey Ireland.

A Chara,

With reference to your correspondence of 25 May 2020, concerning the pre-application scoping report for Drumlins Park Wind Farm 110kv substation & grid connection Co Monaghan, Geological Survey Ireland would like to make the following comments re-iterating and in addition to those submitted to Monaghan Co Council in relation to the planning application for the Drumlins Park Windfarm development itself (GSI ref: 19/107), which we understand from your correspondence is currently before the local authority planning department for consideration.

#### **Geoheritage**

Geological Survey Ireland (GSI) is in partnership with the National Parks and Wildlife Service (NPWS, Department of Arts, Heritage, Regional, Rural and Gaeltacht Affairs) to identify and select important geological and geomorphological sites throughout the country for designation as geological NHAs (Natural Heritage Areas). This is addressed by the Irish Geoheritage Programme (IGH) of GSI, under 16 different geological themes, in which the minimum number of scientifically significant sites that best represent the theme are rigorously selected by a panel of theme experts.

County Geological Sites (CGS), as adopted under the National Heritage Plan, include additional sites that may also be of national importance but which were not selected as the very best examples for NHA designation. All geological heritage sites identified by GSI are categorised as CGS pending any further NHA designation by NPWS. CGS are now routinely included in County Development Plans and in the GIS of planning departments, to ensure the recognition and appropriate protection of geological heritage within the planning system. County Geological Sites in audited and unaudited counties can now be viewed online under the Geological Heritage tab on the Geological Survey Public Data Online Viewer at: [Geological Survey's Online Viewer](#) or via a direct link at: [Geoheritage Online Viewer](#).

**Our records show that there two CGSs located south of the area in question.** The County Audits for both Monaghan and Cavan were published in 2013. **Rockcorry-Cootehill Ribbed Moraines** is the nearest county



geological site and bounds the proposed development to the south and east.

- **Rockcorry-Cootehill Ribbed Moraines:** IGH Theme, IGH7 Quaternary; ITM Grid ref. 666000E 891000N (centre of features):
  - These moraines form part of the largest field of ribbed moraines found anywhere in the world (which also includes the Scotshouse-Redhills cross cutting ribbed moraines). The entire field includes over 3,000 features and this subset, covering an area of 18 by 10 kilometres, contains approximately 160 individual features. It includes the largest individual ribbed moraines found anywhere in the world.

However, with the current plan, there are no envisaged impacts on the integrity of current CGSs by the proposed development. If the proposed development plan is altered, please contact Clare Glanville ([Clare.Glanville@gsi.ie](mailto:Clare.Glanville@gsi.ie)) for further information and possible mitigation measures if applicable.

### **Geohazards**

Geohazards can cause widespread damage to landscapes, wildlife, human property and human life. In Ireland, landslides are the most prevalent of these hazards. Geological Survey Ireland has information available on past landslides for viewing as a layer on our [Map Viewer](#). Geological Survey Ireland also engages in national projects such as Landslide Susceptibility Mapping and GWFlood Groundwater Flooding. **We recommend that the Geological Survey Ireland dataset is consulted and included in the relevant EIAR chapters.**

### **Groundwater**

Groundwater is important as a source of drinking water, and it supports river flows, lake levels and ecosystems. It contains natural substances dissolved from the soils and rocks that it flows through, and can also be contaminated by human actions on the land surface. As a clean, but vulnerable, resource, groundwater needs to be understood, managed and protected. Through our [Groundwater Programme](#), Geological Survey Ireland provides advice and maps to members of the public, consultancies and public bodies about groundwater quality, quantity and distribution. Geological Survey Ireland monitors groundwater nationwide by characterising aquifers, investigating karst landscapes and landforms and by helping to protect public and group scheme water supplies. With regard to Flood Risk Management, there is a need to identify areas for integrated constructed wetlands. **We recommend using the GSI's National Aquifer and Recharge maps on our [Map viewer](#) to this end.**

### **Geotechnical Database Resources**

Geological Survey Ireland continues to populate and develop our national geotechnical database and viewer with site investigation data submitted voluntarily by industry. The current database holding is over 7500 reports with 134,000 boreholes; 31,000 of which are digitised which can be accessed through downloads from our [Geotechnical Map Viewer](#). **We would strongly recommend that this database be consulted as part of any baseline geological assessment of the proposed development as it can provide invaluable baseline data for the region or vicinity of the proposed development area.** This information may be beneficial and cost saving for any site specific investigations that may be designed as part of the development.

### **Other Comments:**

We note that this is a pre-application scoping request for information however, Geological Survey Ireland would much appreciate a copy of reports detailing any site investigations carried out in the future at the site. Alternatively, we ask that a digital photographic record of significant new excavations could be provided. Potential visits from Geological Survey Ireland to personally document exposures could also be arranged. The data would be added to GSI's national database of site investigation boreholes, implemented to provide a better service to the civil engineering sector. Data can be sent to Beatriz Mozo, Geological Mapping Unit, at [Beatriz.Mozo@gsi.ie](mailto:Beatriz.Mozo@gsi.ie), 01-678 2795.



**Roinn Cumarsáide, Gníomhaithe  
ar son na hAeráide & Comhshaoil**  
Department of Communications,  
Climate Action & Environment



**Geological Survey**  
Suirbhéireacht Gheolaíochta  
Ireland | Éireann

In the meantime if you have any questions in relation to our data sets please or if we can be of further assistance, please do not hesitate to contact me, IGH Programme Lead, Dr. Clare Glanville ([clare.glanville@dccae.gov.ie](mailto:clare.glanville@dccae.gov.ie))

Le meas,

**Dr. Clare Glanville**  
**Senior Geologist Planning and Geoheritage Programme**

# MONAGHAN - COUNTY GEOLOGICAL SITE REPORT

<b>NAME OF SITE</b>	<b>Rockcorry-Cootehill Ribbed Moraines</b>
Other names used for site	
<b>IGH THEME</b>	<b>IGH7 Quaternary</b>
<b>TOWNLAND(S)</b>	<b>Too many to list ... this portion of the field covers over two hundred individual townlands, across an area of 180 km<sup>2</sup></b>
<b>NEAREST TOWN/VILLAGE</b>	<b>Rockcorry, Cootehill (just inside Cavan)</b>
<b>SIX INCH MAP NUMBER</b>	<b>Monaghan 17, 18, 22, 23</b>
<b>ITM CO-ORDINATES</b>	<b>666000E 891000N (centre of features)</b>
<b>1:50,000 O.S. SHEET NUMBER</b>	<b>28a GSI BEDROCK 1:100,000 SHEET NO. 8/9</b>

## Outline Site Description

These moraines form part of the largest field of ribbed moraines found anywhere in the world (which also includes the Scotshouse-Redhills cross cutting ribbed moraines). The entire field includes over 3,000 features and this subset, covering an area of 18 by 10 kilometres, contains approximately 160 individual features. It includes the largest individual ribbed moraines found anywhere in the world.

## Geological System/Age and Primary Rock Type

The ribbed moraines were formed on bedrock of Silurian and Ordovician metasediments and volcanic rocks. The features themselves are Quaternary in age, having been deposited at the base of the ice sheet as it moved in a southeasterly direction during the maximum period of the last Ice Age.

## Main Geological or Geomorphological Interest

These ribbed moraines each contain many superimposed drumlins on their crests, and the area has traditionally been known as the middle portion of the 'Drumlin Belt'. Owing to their size the ribbed moraines can only be seen using digital elevation modelling (DEM) and satellite imagery.

This ribbed moraine field is not only unusual in its huge size and the size of individual features around Rockcorry and Cootehill, but because they are interspersed with thick peat deposits the features are quite striking. They form the perfect 'ribbed' topography.

The features are generally 5km–8km long and 800m or so wide, with individual superimposed drumlins being c. 600m long and 100m–200m wide. They attain a maximum height of about 50m but are typically 30m or so high. The largest individual feature is 10 km long, 1 km wide and up to 45m high, and contains approximately 400 million tonnes of sediment.

## Site Importance – County Geological Site; recommended for Geological NHA

These are the largest individual ribbed moraine features anywhere in the world and therefore one of the most important geological terrains in Ireland.

## Management/promotion issues

This is an excellent site in terms of macro-scale Quaternary subglacial geomorphology. The features are too large to undertake any conservation efforts on their part, but the landscape itself is noteworthy and should be promoted as unique amongst landscape elements within both the Monaghan County Development Plan, and in Landscape Characterisation.



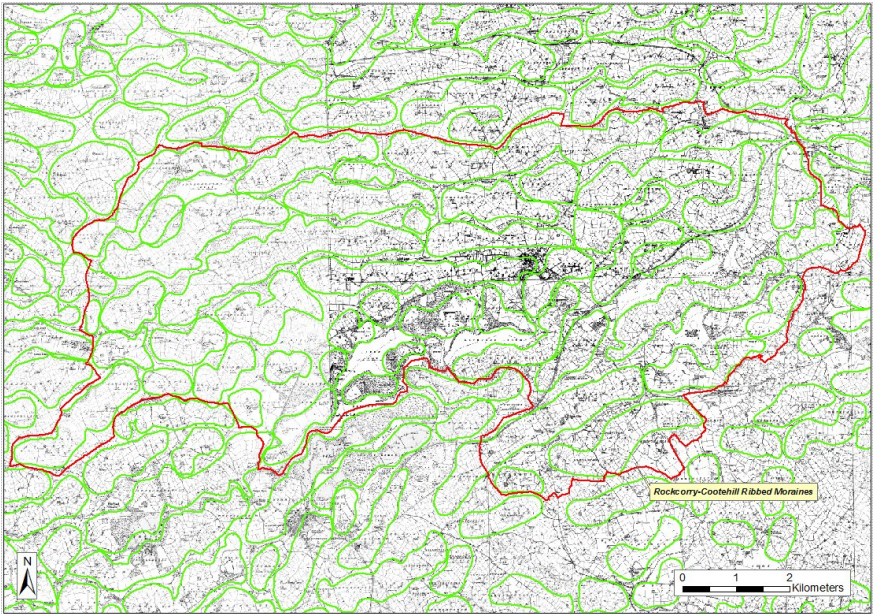
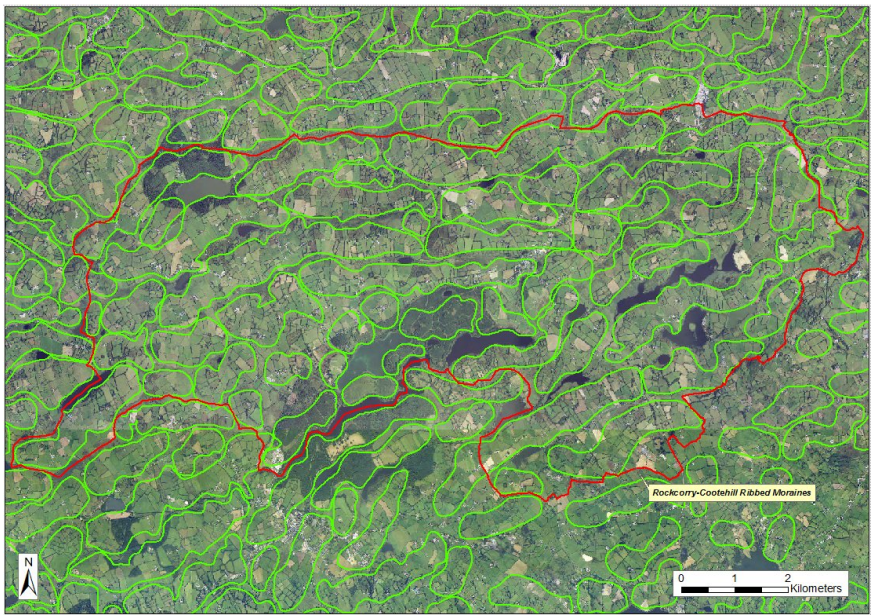
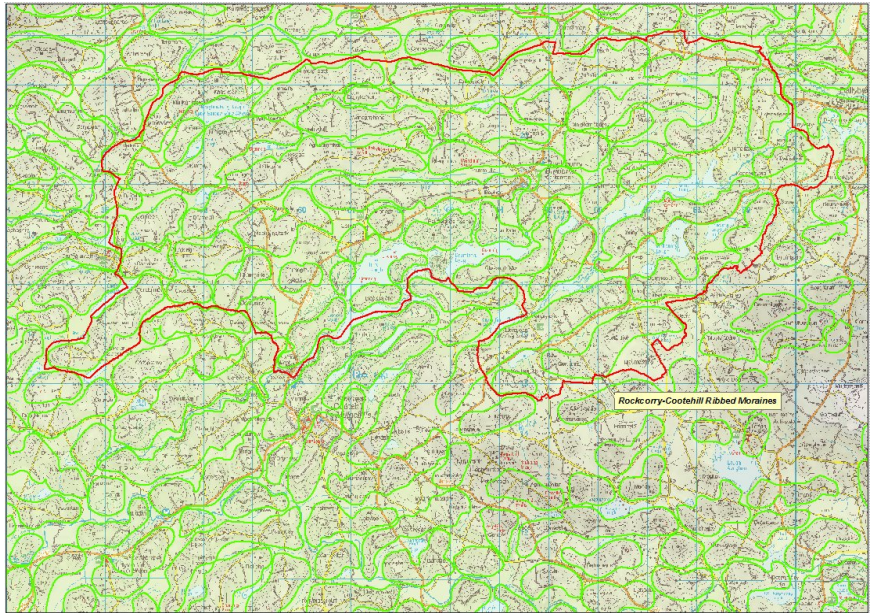


A view across some of the Rockcorry-Cootehill ribbed moraines at Cargaghbane, east of Cootehill.



Ribbed moraines near Latton, County Monaghan, looking south.







**From:** RAFFERTY Audrey <audrey.rafferty@iaa.ie>  
**Sent:** 25 May 2020 15:33  
**To:** conor@galetechenergy.com  
**Subject:** Obs Letter IAA  
**Attachments:** Galetech Energy Services 110kV electricity substation obs 25.05.20.docx

Dear Sir / Madam

Please find attached a response letter from the IAA in regards planning application send last week. This letters has also been sent to you in the post.

Kind Regards

Audrey Rafferty  
Corporate Affairs  
Irish Aviation Authority  
The Times Building  
11-12 Dolier Street  
Dublin 2  
Ph: (01) 603103

=====  
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Dublin 2, D02 T449,  
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11-12 Sráid D'Olier  
Baile Átha Cliath 2, D02 T449,  
Éire

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

Date 25<sup>th</sup> May 2020

Galetech Energy Services  
Greaghcrotagh, Cootehill,  
Co. Cavan

**Development:** Proposing to develop a 110kV electricity substation and all associated ancillary infrastructure on lands in the townlands of Cornawall and Drumanan, approximately km south west of the village of Newbliss, c. 7km south of Clones and c. 7km north west of Cootehill Co. Cavan. The proposed development will form part of the Drumlins Park Wind Farm, a planning application for which is currently before Monaghan County Council. The proposed development will also include electrical infrastructure to facilitate connection to the existing Lisdrum-Shankill 110kV overhead line at townlands of Cornawall and Drumanan, approximately km south west of the village of Newbliss, c. 7km south of Clones and c. 7km north west of Cootehill Co. Cavan.

Dear Sir / Madam

I refer to the request for planning permission for the above development, details of which were received by the Irish Aviation Authority from the Council.

It is the observations of the Irish Aviation Authority Aerodrome Department that the Authority notes the scoping request received from Galetech forwarded by Monaghan Co. Co. It has no views in relation to the development of the substation or requirements for inclusion in terms of the scoping exercise. The Authority does refer to the previously issued observation in relation to the planning for the Drumlins Wind Farm itself, i.e. In the event of planning consent being granted, the applicant for "Drumlins Park Wind Farm" 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

<i>Turbine No.</i>	<i>WGS-84 Co-ordinates</i>	<i>Ground elevation (Malin Head OD)</i>	<i>Blade tip elevation of turbine (Malin Head OD)</i>	<i>Height of turbine ( height from ground level to blade tip)</i>	<i>Confirm if turbine has obstacle lighting.</i>
T1	53.346125, -6.258288	75m	225m	150m	No

- (3) notify the Authority of intention to commence crane operations with a minimum of 30 days prior notification of their erection.

**Bord Stiúirthóirí/Board of Directors**

Michael McGrail (Cathaoirleach/Chairperson),  
Peter Kearney (Príomhfheidhmeannach/Chief Executive)  
Cian Blackwell, Marie Bradley, Ernie Donnelly,  
Gerry Lumsden, Joan McGrath, Eimer O'Rourke

**Oifig Chláraithe:**

Foirgneamh na hAmanna, 11-12 Sráid D'Olier  
Baile Átha Cliath 2, D02 T449, Éire  
Uimhir Chláraithe: 211082. Áit Chláraithe: Éire  
Cuideachta Dlíteanais Theoranta

**Registered Office:**

The Times Building, 11-12 D'Olier Street  
Dublin 2, D02 T449, Ireland  
Registered No. 211082. Registered in Ireland  
A Limited Liability Company

Yours sincerely

---

Deirdre Forrest  
Corporate Affairs

24 JUN 2020



Galetech Energy Services  
Clondargan,  
Stradone,  
Co. Cavan,  
Ireland,  
H12 NV06

23 June 2020

**Re: Pre-Application Scoping Request: Proposed 110kV substation in County Monaghan**  
**Our Ref: P/AK/Finn/20**

Dear Sirs,

We refer to your letter dated the 19<sup>th</sup> May last relating to the above proposed development.

Inland Fisheries Ireland (IFI) is a Statutory Body established on the 1<sup>st</sup> July, 2010. Under Section 7(1) of the Inland fisheries Act 2010 (No. 10 of 2010) the principal function of IFI is the protection, management and conservation of the inland fisheries resource.

The potential impacts of the proposed development on fisheries relate largely to the construction of access roads and all associated ancillary infrastructure for the electricity substation. The development has the potential to impact on a wide range of important fisheries waters including areas designated as SACs, angling waters, adult holding areas, nursery and spawning areas, etc., forming parts of the Eastern, Neagh Bann and North-Western International River Basin Districts. The development site is located adjacent to smaller watercourses, which act primarily as contributories to downstream habitat for juvenile salmonids, lamprey and other species as well as macrophytes, algae and macroinvertebrates, which as drift form a significant part of the food supply to the downstream fisheries. All of the waters referred to have, in the context of the proposed development, the potential to convey deleterious matter from the works such as silt, concrete, fuel, lubricating fuels and oils from construction plant and equipment downstream unless proper safeguards are in place.

All natural watercourses which have to be traversed during site development and road construction works should be effectively bridged prior to commencement. If temporary crossing structures are required, IFI approval will be necessary as regards specification and timing of installation. There is sometimes a misconception that in installing temporary crossing structures, the only issue is keeping water flowing from above a temporary crossing to below it. Design and choice of temporary crossing structures must provide for passage of fish and macroinvertebrates, the requirement to protect important fish habitats e.g. spawning and over-wintering areas, as well as preventing erosion and sedimentation.

No crossing (temporary or permanent) on any watercourse shall be installed without the approval of IFI as regards sizing, location, duration and timing. The preferred option is for clear span 'bridge type' structures on fisheries waters. The crossing of watercourses at natural fords is not permitted because of the amount of uncontrolled sedimentation that can be generated. The creation of fords on streams and rivers through the introduction of stone is prohibited.

There are significant variations in the timing and duration of spawning activity throughout the Republic of Ireland. To minimise adverse impacts on the fisheries resource works in rivers, streams and watercourses

should normally (except in exceptional circumstances and with the agreement of IFI) be carried out during the period May-September. The appropriate 'window' for instream works can vary depending on the nature of the fishery resource concerned and the existence of other factors such as catchment or sub catchment specific Bye Laws and Regulations.

One of the potential impacts of the proposed development is the discharge of silt-laden waters to fisheries streams from newly developed sites at which earth moving and excavation works are ongoing. Silt can clog salmonid spawning beds, and juvenile salmonids are particularly sensitive to siltation of gill structures. Similarly plant and macroinvertebrate communities can be blanketed over, and this can lead to loss or degradation of valuable habitat. It is important to incorporate best practices into construction methods and strategies to minimise discharges of silt/suspended solids to waters.

Uncured concrete can kill fish and macroinvertebrates by altering the pH of the water. Pre-cast concrete should be used whenever possible, to eliminate the risk to all forms of aquatic life. When cast-in-place concrete is required, all work must be done in the dry and effectively isolated from any water that may enter the drainage network for a period sufficient to cure the concrete.

Concrete delivery vehicles should be precluded from washing out at locations which would result in a discharge to surface waters. Specific controlled and environmentally safe vehicle washout areas must be provided. If cement is stored on site during construction work, it should be held in a dry secure area when not in use.

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

No instream works shall be carried out without the written approval of Inland Fisheries Ireland.

In the event of the project proceeding it is the responsibility of the developer and the contractors to ensure that works will not give rise to a discharge of deleterious or polluting matter to waters. At all times the precautionary principle should be applied throughout for the entire development. Particular attention should be paid to the various environmental directives including the Water Framework Directive, the Habitat and Birds Directives, the Fisheries Acts in particular, and the Local Government (Water Pollution) Acts. Other environmental legislation should be considered as appropriate.

In conclusion, we stress the importance of The Finn River and associated tributaries as sensitive salmonid habitat, and urge extreme care and diligence in preventing adverse impacts during construction and operation of the scheme.



Ailish Keane  
Senior Fisheries Environmental Officer

**From:** Caitriona Gaffney <cgaffney@monaghancoco.ie>  
**Sent:** 02 June 2020 19:22  
**To:** 'conor@galetechenergy.com'  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection  
**Attachments:** Monaghan CoCo Env Section.pdf

Conor,

In relation to your pre-application scoping request I would recommend that the following waste management plans should be submitted as part of any associated planning application made to Monaghan County Council. The plans will be assessed by the Waste Team, Environmental Services, Monaghan County Council.

**1. Spoil Management Plan for any proposed development works:**

The plan shall include accurate details of the amount of spoil to be excavated, monitoring during construction works, how it is to be stored and disposed of, and the method of reinstatement to avoid water pollution. The applicant shall submit full details for the storage and treatment of spoil both during and after construction.

**2. A Construction, Demolition and By-Products Management Plan for any proposed development works;**

The plan shall be prepared using *“Best Practice Guidelines on the Preparation of Waste Management Plans for Construction and Demolition Projects”* – Department of the Environment, Heritage and Local Government, July 2006.

Regards,

Caitriona Gaffney  
Environmental Technician  
Waste Enforcement  
Monaghan County Council

---

**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)>  
**Sent:** 19 May 2020 11:57  
**To:** envservices <[envservices@monaghancoco.ie](mailto:envservices@monaghancoco.ie)>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

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To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**  
Clondorgan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)



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# Comhairle Contae Mhuineacháin Monaghan County Council

26 MAY 2020

Acmhainní Daonna  
Human Resources  
047 30586

Airgeadas  
Finance  
047 30589

Na Bóithre  
Roads  
047 30597

Clár na dTogthóirí  
Register of Electors  
047 30551

Comhshaol  
Environment  
042 9661240

Na hEalaíona  
Arts  
047 38162

Lasachtaí /Deontais Tithíochta  
Housing Loans/Grants  
047 30527

Leabharlann an Chontae  
County Library  
047 74700

Mótarcháin  
Motor Tax  
047 81175

Músaem an Chontae  
County Museum  
047 82928

Pleanáil  
Planning  
047 30532

Pobal  
Community  
047 73719

Rialú Dóiteáin/Foirgnimh  
Fire/Building Control  
047 30521

Oifig Fiontair Áitiúil  
Local Enterprise Office  
047 71818

Seirbhísí Uisce  
Water Services  
047 30504/30571

25<sup>th</sup> May 2020

Gaeltech Energy Services,  
Clondargan,  
Stradone,  
Co. Cavan  
H12 NV06

**Applicant: Drumlin Park Wind Farms Ltd.**

**Re: EIA Scoping request – S173 Planning & Development Act 2000 (as amended)**

A Chara,

Receipt of your correspondence in relation to the above-mentioned is hereby acknowledged.

It has been referred to the relevant planner for attention and this office will revert in due course.

I trust this letter to be self-explanatory but should you have any further queries please do not hesitate to contact this office.

Is mise le meas,

Angela Gallagher  
Staff Officer  
Planning

Fállfionn an tÚdarás Áitiúil roimh chomhfhreagras I nGaeilge.

Comhairle Contae Mhuineacháin, Oifig an Chontae, An Gleann, Muineachán, Éire.

Monaghan County Council, Council Offices, The Glen, Monaghan, Ireland.

☎ 00353 47 30500 📠 00353 47 82739 🌐 [www.monaghan.ie](http://www.monaghan.ie)

✉ [eolas@monaghancoco.ie](mailto:eolas@monaghancoco.ie) [info@monaghancoco.ie](mailto:info@monaghancoco.ie)

**From:** Gerry Callan <Gerry.Callan@three.ie>  
**Sent:** 19 May 2020 14:43  
**To:** conor@galetechenergy.com  
**Cc:** DL Estates ROI; Alan Hutchinson  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

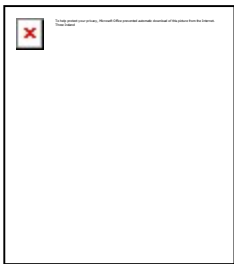
Hi Conor,

I've reviewed the proposed Drumlins Park Windfarm Substation on behalf of the Three Transmission Network and am happy to confirm that we have no concerns regarding this development.

We do not have any microwave links which traverse the development area and our closest links are over 2.4km away.

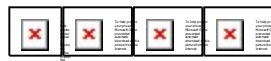
Thanks for getting in touch with the details and good luck with the development,

Best wishes,



**Gerry Callan**  
Transmission Engineer

086 3884246  
gerry.callan@three.ie



**Make it count.**

O

---

**From:** conor@galetechenergy.com <conor@galetechenergy.com>  
**Sent:** 19 May 2020 12:31  
**To:** Gerry Callan <Gerry.Callan@three.ie>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**  
Clondorgan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**Three Ireland**

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

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**From:** INFO <Information@tii.ie>  
**Sent:** 08 June 2020 12:35  
**To:** 'conor@galetechenenergy.com'; 'info@galetechenenergy.com'  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

**RE: EIAR Scoping Request: 110kV electricity substation and all associated ancillary infrastructure on lands in the townlands of Cornawall and Drumanan, Co. Monaghan on behalf of Drumlins Park Ltd.**

**Dear Mr. Foy,**

Transport Infrastructure Ireland (TII) acknowledges receipt of your EIAR Scoping request in respect of the above proposed project, received by email 19 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](http://www.TII.ie).

TII notes that the consultation documentation identifies a proposed substation site and cable route to an existing overhead line and to a wind farm development proposal 'Drumlins Park Wind Farm' that is stated in your cover letter to be currently before Monaghan County Council planning authority for decision. The location of development proposed is generally approx. 8km south of the N54 and 3.5 km south west of Newbliss. The submitted outline scoping document states that the substation site is to be accessed from a local road (L62013). With respect to EIAR Scoping issues, the recommendations indicated below provide only general guidance for the preparation of EIAR, which may affect the National Roads 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. The Authority'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* (1<sup>st</sup> 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:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) <[conor@galetechenergy.com](mailto:conor@galetechenergy.com)>

**Sent:** 19 May 2020 12:31

**To:** INFO <[Information@tii.ie](mailto:Information@tii.ie)>

**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection



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To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**

Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06

M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

Galetech Energy Services Limited  
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**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection  
**From:** Mark Nolan <Mark.Nolan@virginmedia.ie>  
**Date:** Fri, May 22, 2020 10:27 am  
**To:** "conor@galetechenergy.com" <conor@galetechenergy.com>  
**Cc:** Liam Allister <Liam.Allister@virginmedia.ie>, Keiran Butler <Keiran.Butler@virginmedia.ie>

Hi Conor,

This development will have no impact on the Virgin Media Wireless Network.

Rgds

Mark

---

**From:** Liam Allister  
**Sent:** 20 May 2020 11:10  
**To:** Mark Nolan <Mark.Nolan@virginmedia.ie>; Keiran Butler <Keiran.Butler@virginmedia.ie>  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

---

**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com) [<mailto:conor@galetechenergy.com>]  
**Sent:** 19 May 2020 12:41  
**To:** Liam Allister <[Liam.Allister@virginmedia.ie](mailto:Liam.Allister@virginmedia.ie)>  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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**conor@galetechenergy.com**

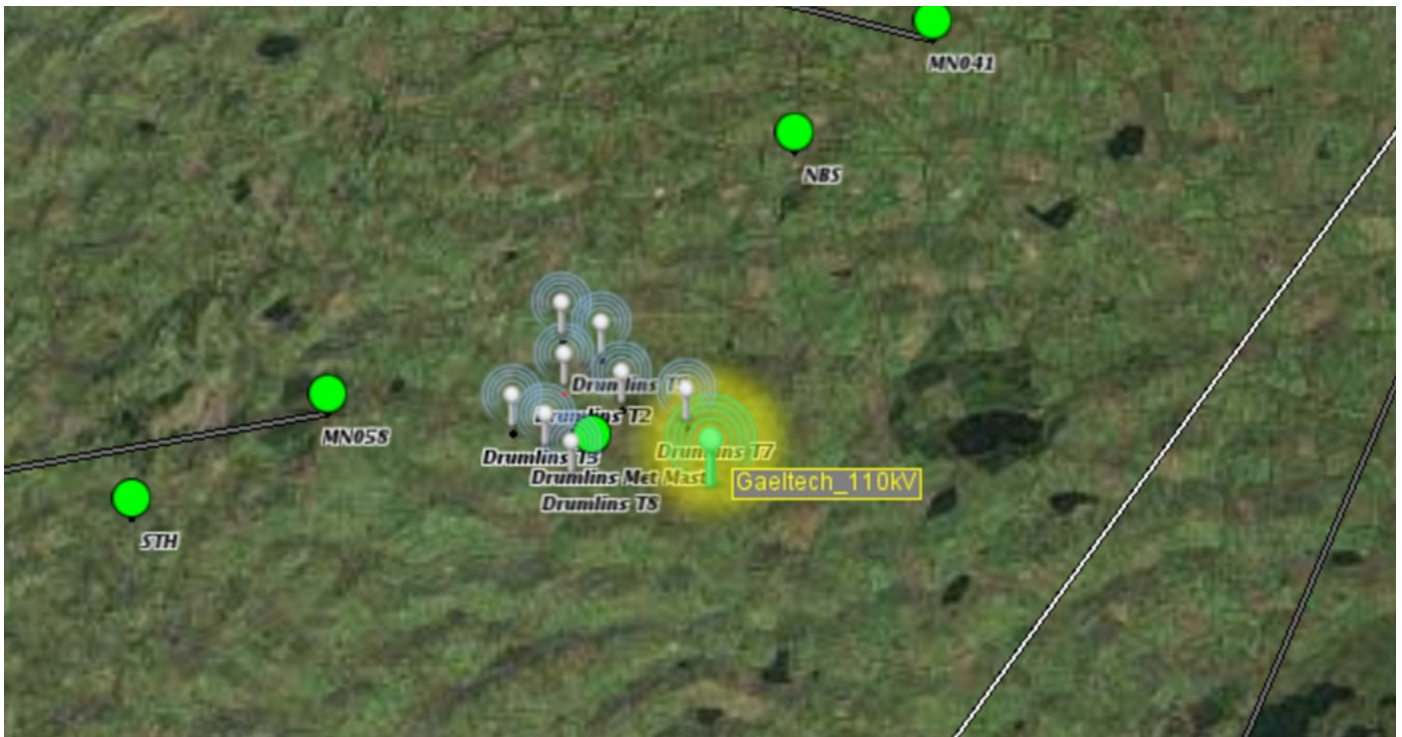
---

**From:** Power, Robert, Vodafone Ireland (External) <robert.power1@vodafone.com>  
**Sent:** 19 May 2020 15:10  
**To:** conor@galetechenergy.com  
**Cc:** Byrne, Gavin, Vodafone Ireland; Neill o', Shane, Vodafone Ireland; Cassidy, Emma, Vodafone Ireland; Dennehy, Darragh, Vodafone Ireland; McHugh, Brian, Vodafone Ireland; Lyons, Sean, Vodafone Ireland (External)  
**Subject:** RE: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Hi Conor,

Please see screenshot below showing proposed location of 110kV Substation and Drumlins Windfarm. Vodafone do not have any microwave links in the area.

Kind Regards,  
Robert



C2 General

---

**From:** Lyons, Sean, Vodafone Ireland (External) <sean.lyons@vodafone.com>  
**Sent:** Tuesday 19 May 2020 14:47  
**To:** Power, Robert, Vodafone Ireland (External) <robert.power1@vodafone.com>  
**Cc:** Byrne, Gavin, Vodafone Ireland <gavin.byrne@vodafone.com>; Neill o', Shane, Vodafone Ireland <shane.oneill2@vodafone.com>; Cassidy, Emma, Vodafone Ireland <emma.cassidy@vodafone.com>  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

Hi Rob,

Can you complete this analysis as outlined by Gavin below?



**Sean Lyons**

Transmission Program Manager  
Converged Transmission  
Technology- NET  
+353877758117  
[sean.lyons@vodafone.com](mailto:sean.lyons@vodafone.com)

Vodafone Ireland Limited, Registered Office: MountainView, Leopardstown, Dublin 18, Registered in Ireland: No. 326967

[vodafone.ie](http://vodafone.ie)

**The future is exciting.  
Ready?**

C2 General

---

**From:** Byrne, Gavin, Vodafone Ireland <[gavin.byrne@vodafone.com](mailto:gavin.byrne@vodafone.com)>  
**Sent:** Tuesday 19 May 2020 14:33  
**To:** Lyons, Sean, Vodafone Ireland (External) <[sean.lyons@vodafone.com](mailto:sean.lyons@vodafone.com)>  
**Cc:** Neill o', Shane, Vodafone Ireland <[shane.oneill2@vodafone.com](mailto:shane.oneill2@vodafone.com)>; Cassidy, Emma, Vodafone Ireland <[emma.cassidy@vodafone.com](mailto:emma.cassidy@vodafone.com)>  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

I Sean,

Can you ask one of the guys to look at this windfarm and respond to [conor@galetechenergy.com](mailto:conor@galetechenergy.com), cc myself, yourself and ensure Darragh Dennehy and Brian McHugh are also CC'd. Thanks

Gavin

---

**From:** Gavin Byrne <[gavin.byrne@netshare.ie](mailto:gavin.byrne@netshare.ie)>  
**Sent:** Tuesday 19 May 2020 12:22  
**To:** Byrne, Gavin, Vodafone Ireland <[gavin.byrne@vodafone.com](mailto:gavin.byrne@vodafone.com)>  
**Subject:** FW: Drumlins Park Wind Farm 110kv Substation & Grid Connection

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**From:** [conor@galetechenergy.com](mailto:conor@galetechenergy.com)  
**Sent:** Tuesday 19 May 2020 12:19:18 (UTC+00:00) Dublin, Edinburgh, Lisbon, London  
**To:** Gavin Byrne  
**Subject:** Drumlins Park Wind Farm 110kv Substation & Grid Connection

To whom it may concern,  
Please find attached a pre-application scoping request for a proposed 110kv substation in County Monaghan.  
Kind regards,  
Conor

**Conor Foy | Galetech Energy Services**  
Clondargan, Stradone, Co. Cavan, Ireland, H12 NV06  
M: +44 77 31715328 | D: +353 49 489 0026 | [conor@galetechenergy.com](mailto:conor@galetechenergy.com)

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