



Technical Appendix 14.6

Telecommunication Consultation

Table of contents

Telecommunications Consultations

A Windfarms Team member has replied to your coordination request, reference **WF165282** with the following response:

Site Name:

Turbine at NGR:

Turbine X	Y	Max. Tip height	Max. Rotor Diameter
1	227188 588494	200m	150m
2	227238 587703	200m	150m
3	228210 587355	200m	150m
4	228067 589043	200m	150m
5	227899 588159	200m	150m
6	229456 588245	200m	150m
7	228843 589605	200m	150m
8	228887 588759	200m	150m
9	229750 588992	200m	150m
10	229597 589797	200m	150m
11	230627 589167	200m	150m
12	231162 588518	200m	150m
13	230830 589926	200m	150m
14	231980 589747	200m	150m

15	233008 589647 200m	150m
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*This proposal ***cleared*** with respect to radio link infrastructure operated by:*

JRC analyses proposals for wind farms on behalf of the UK Fuel & Power Industry. This is to assess their potential to interfere with radio systems operated by utility companies in support of their regulatory operational requirements.

In making this judgement, JRC has used its best endeavours with the available data, although we recognise that there may be effects which are as yet unknown or inadequately predicted. JRC cannot therefore be held liable if subsequently problems arise that we have not predicted.

JRC offers a range of radio planning and analysis services. If you require any assistance, please contact us by phone or email.

Wind Farm Team

Office: [REDACTED]

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JRC is working towards GDPR compliance. We maintain your personal contact details in accordance with GDPR requirements for the purpose of "Legitimate Interest" for communication with you. However you have the right to be removed from our contact database. If you would like to be removed, please contact anita.lad@jrc.co.uk.

We hope this response has sufficiently answered your query.
If not, please **do not send another email** as you will go back to the end of the mail queue, which is not what you or we need. Instead, **reply to this email keeping the subject line intact or login to your account** for access to your coordination requests and responses.

<https://breeze.jrc.co.uk/tickets/view.php?auth=o1xnqeaaag3imaaaj%2BgD1KhjYIL48g%3D%3D>

From:

Sent:

27 March 2019 11:15

To:

Subject:

FW: CLAUCHRIE WINDFARM SCOPING CONSULTATION

Attachments:

Clauchrie Scoping Layout(1.1).xls; WID10942 FIG01_02_10567_r0_CWF_SiteLayout_A3L.pdf

OUR REF; WID10942

Dear Sir/Madam,

Thank you for your email dated 27/03/2019 .

We have studied this Windfarm proposal with respect to EMC and related problems to BT point-to-point microwave radio links.

The conclusion is that, the Project indicated should not cause interference to BT's current and presently planned radio network.

Kind Regards,
Paul Atkinson
Fibre and Network Delivery
Radio Frequency Allocation & Network Protection (BNJ112)
Openreach
Tel:
Mobile
Web: www.openreach.co.uk
PLEASE ALWAYS RESPOND TO

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Openreach Limited
Registered Office: Kelvin House, 123 Judd Street, London WC1H 9NP
Registered in England and Wales no. 10690039

From:

Sent:

27 March 2019 10:51

To:

radionetworkprotection G

Subject:

RE: CLAUCHRIE WINDFARM SCOPING CONSULTATION

Paul

Information from developer as requested.

Max Blade Tip Height:200m
Max Hub Height 125m

Mark Ashton

Consents Manager | Energy Consents Unit | The Scottish Government

T: [REDACTED]

Email: [REDACTED]



From: [REDACTED] **On Behalf Of**
radionetworkprotection@bt.com
Sent: 26 March 2019 13:14
To: Ashton M (Mark) [REDACTED]
Cc: [REDACTED]
Subject: RE: CLAUCHRIE WINDFARM SCOPING CONSULTATION

Hi Mark,

BT is unable to give confirmation to the scoping report as to whether or not the proposed windfarm will interfere with BT's current and presently planned radio network.

Please provide the necessary information, such as 12 figure grid references for each turbine location albeit indicative and rotor blade diameter and hub height, not supplied in the documents on the energy consents site- ECU00001805.

Kind Regards,
Paul Atkinson
Fibre and Network Delivery
Radio Frequency Allocation & Network Protection (BNJ112)
Openreach
Tel: [REDACTED]
Mobile: [REDACTED]
Web: www.openreach.co.uk
PLEASE ALWAYS RESPOND TO [REDACTED]

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Openreach Limited
Registered Office: Kelvin House, 123 Judd Street, London WC1H 9NP
Registered in England and Wales no. 10690039

From: [REDACTED]
Sent: 25 March 2019 16:32
Subject: CLAUCHRIE WINDFARM SCOPING CONSULTATION

Dear Consultee,

ELECTRICITY ACT 1989
THE ELECTRICITY WORKS (ENVIRONMENTAL IMPACT ASSESSMENT) (SCOTLAND) REGULATIONS 2017
REQUEST FOR SCOPING OPINION FOR PROPOSED SECTION 36 APPLICATION FOR CLAUCHRIE WINDFARM

On 22 March 2019, LUC on behalf of Scottish Power Renewables (the Applicant) submitted a request for a scoping opinion from the Scottish Ministers for the proposed section 36 application for Clauchrie Windfarm, located in the planning authority area South Ayrshire Council and Dumfries and Galloway Council, in line with regulation 12 of The Electricity Works (Environmental Impact Assessment) (Scotland) Regulations 2017.

Under regulation 12, Scottish Ministers are required to provide a scoping opinion outlining the information they consider should be included in the EIA report. Ministers are also required to consult the relevant consultation bodies and any other interested party which is likely to have an interest in the proposed development by reason of its specific environmental responsibilities or local and regional competencies.

The scoping report and associated documents can be viewed on the Scottish Government website at:

www.energyconsents.scot – search – simple search – Clauchrie Windfarm (ECU Reference ECU00001805)

If you require a hard copy of the scoping report please contact me and I will arrange for LUC to send you a copy.

To allow Scottish Ministers to provide a comprehensive scoping opinion, we ask that you review the scoping report and advise if there is any further matters you would like Ministers to highlight for consideration, particularly site specific information.

I would be grateful for your comments by **16 April 2019**. Please note that reminders will not be issued, therefore if we have not received any comments from you, nor a request for an extension to this date, we will assume that you have no comments to make.

Please send your response (in PDF format if possible) to Econsents_Admin@gov.scot or directly to my email

Mark Ashton

T: [REDACTED]

Email: [REDACTED]



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Tha am post-d seo (agus faidhle neo ceanglan còmhla ris) dhan neach neo luchd-ainmichte a-mhàin. Chan eil e ceadachd a chleachdadh ann an dòigh sam bith, a’ toirt a-steach còraichean, foillseachadh neo sgaoileadh, gun chead. Ma ’s e is gun d’fhuair sibh seo gun fhiosd’, bu choir cur às dhan phost-d agus lethbhreac sam bith air an t-siostam agaibh agus fios a leigeil chun neach a sgaoil am post-d gun dàil. Dh’fhaodadh gum bi teachdaireachd sam bith bho Riaghaltas na h-Alba air a chlàradh neo air a sgrùdadh airson dearbhadh gu bheil an siostam ag obair gu h-èifeachdach neo airson adhbhar laghail eile. Dh’fhaodadh nach eil beachdan anns a’ phost-d seo co-ionann ri beachdan Riaghaltas na h-Alba.

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[REDACTED]

From: Wind Farm Enquiries [REDACTED]
Sent: 08 October 2019 13:33
To: [REDACTED]
Cc: Wind Farm Enquiries
Subject: RE: Consultation | Clauchrie Windfarm, South Ayrshire

Hi Sarah

Your development is located 13Km SE of our nearest SHF link site at Girvan so happy for you to proceed

Keith Waudby
Principal Microwave Engineer
Arqiva

Mobile: [REDACTED]
Daventry, Borough Hill, Daventry. NN11 4NB
www.arqiva.com

From: Sarah Tullie <[REDACTED]>
Sent: 07 October 2019 17:35
To: Wind Farm Enquiries <[REDACTED]>
Cc: Paul Darnbrough [REDACTED]
Subject: Consultation | Clauchrie Windfarm, South Ayrshire

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Dear Sirs,

I am writing on behalf of my client, ScottishPower, with regard to a proposed 18-turbine wind energy development in South Ayrshire.

The proposed development details are given below:

12-character UK NGR for the site centre: 230635/587906
Search radius from the site centre: 1500m
Site name: Clauchrie Windfarm
Nearest town: Barrhill, South Ayrshire
Email address for reply: [REDACTED]

Details of the individual turbines are given in the table below:

Turbine	X	Y	Max. Tip height	Max. Rotor Diameter
1	227188	588494	200m	150m
2	227238	587703	200m	150m
3	228210	587355	200m	150m
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13	230830	589926	200m	150m
14	231980	589747	200m	150m
15	233008	589647	200m	150m
16	232816	588854	200m	150m
17	231409	589199	200m	150m
18	228753	587528	200m	150m

I would be most grateful for information on fixed wireless links and scanning telemetry links in the area, which have the potential to be affected by this development.

Please let me know if there is any further information required.

Kind regards,

Sarah

Sarah Tullie | Graduate Consultant | ITPowered

| Mobile: [REDACTED]
60 Elliot Street, Glasgow G3 8DZ
www.itpowered.com

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Sarah Tullie

From: Windfarms <[REDACTED]>
Sent: 31 October 2019 11:43
To: Sarah Tullie
Subject: WF33200 - Clauchrie Windfarm, Barrhill, South Ayrshire, T1-T18 - NX 30635 87906

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Sirs,

I am responding to an email of 07-10-2019, regarding the above named proposed development.

The above application has now been examined in relation to UHF Radio Scanning Telemetry communications used by our Client in that region and we are happy to inform you that we have **NO OBJECTION** to your proposal.

Please note that this is **not** in relation to any Microwave Links operated by Scottish Water

Atkins Limited is responsible for providing Wind Farm/Turbine support services to TAUWI.

Atkins Limited is responsible for providing Wind Farm/Turbine support services to the Telecommunications Association of the UK Water Industry. Web: www.tauwi.co.uk

Windfarm Support

ATKINS

The official engineering design services provider for the London 2012 Olympic and Paralympic Games
Web: www.atkinsglobal.com/communications

From: Sarah Tullie [REDACTED]
Sent: 07 October 2019 22:02
To: Windfarms <[REDACTED]>
Cc: Paul Darnbrough [REDACTED]
Subject: Consultation | Clauchrie Windfarm, South Ayrshire

Dear Sirs,

I am writing on behalf of my client, ScottishPower, with regard to a proposed 18-turbine wind energy development in South Ayrshire.

The proposed development details are given below:

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Please let me know if there is any further information required.

Kind regards,

Sarah

Sarah Tullie | Graduate Consultant | ITPEnergisised

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Clauchrie Windfarm Project Team

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