

Nick Sage

From: Karen Banks <KBanks@hial.co.uk>
Sent: 18 July 2019 16:37
To: Nick Sage
Cc: Peter Wheelan; Stephen Sheldon
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Afternoon Nick,

I have had a chance to fully review the Line of Sight drawings and Pager Power report and am satisfied that turbines 4, 5, 6, 7 and 8 will not have an impact on our radar.

I note that the intention is to formally submit the revised 5 turbine scheme in August. As you have provided all the requested information we will be in a position at that time to remove the objection.

Do you require anything further in the interim?

Kind regards,
Karen

Karen Banks
Aerodrome Operations Manager
Highlands & Islands Airports Limited
Head Office, Inverness Airport, Inverness, IV2 7JB
☎ 01667 464209 (Direct Dial) ☎ 07917 836242 (Mob)
✉ kbanks@hial.co.uk

From: Nick Sage <N.Sage@infinergy.co.uk>
Sent: 17 July 2019 13:25
To: Karen Banks <KBanks@hial.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Afternoon Karen

No problem, many thanks for the update.

Best Regards

Nick

From: Karen Banks <KBanks@hial.co.uk>
Sent: 17 July 2019 12:25
To: Nick Sage <N.Sage@infinergy.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Afternoon Nick,

Apologies it's been a particularly hectic week. Thank you for providing updated line of sight drawings.

Once reviewed, I will submit an appropriate response regarding your development to the council.

Kind regards,
Karen

Karen Banks
Aerodrome Operations Manager
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From: Nick Sage <N.Sage@infinergy.co.uk>
Sent: 16 July 2019 09:51
To: Karen Banks <KBanks@hial.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Karen

Please see attached report, showing Radar at 31.4 AGL as requested.

Let me know if you need further information or clarification ?

Many thanks

Kind Regards

Nick

From: Karen Banks <KBanks@hial.co.uk>
Sent: 15 July 2019 12:38
To: Nick Sage <N.Sage@infinergy.co.uk>

Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Hi Nick,

Apologies, I should have stated the radar is 31.4 metres above ground level.

Many thanks, it's just to keep the records accurate. I don't foresee any further concern.

Kind regards,
Karen

From: Nick Sage <N.Sage@infinergy.co.uk>
Sent: 15 July 2019 12:34
To: Karen Banks <KBanks@hial.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Hi Karen

Thanks for the email.

My colleague has asked, what is the figure at AGL (above ground level), sea level AOD is considered by the contour data.

Many thanks

Kind Regards

Nick

From: Karen Banks <KBanks@hial.co.uk>
Sent: 15 July 2019 11:49
To: Nick Sage <N.Sage@infinergy.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Nick,

Many thanks for getting back to me.

Just to keep the records accurate and everything in order, can I please ask that the in-house assessment is conducted with the previously provided radar height of 31.4m AOD? I notice from the calculation parameters that a height of 15 metres was used.

Hopefully this won't pose any difficulties or cost when the assessment is conducted in house?

Many thanks,

Karen

Karen Banks

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From: Nick Sage <N.Sage@infinergy.co.uk>

Sent: 15 July 2019 10:04

To: Karen Banks <KBanks@hial.co.uk>

Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>

Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Karen

Apologies for the delay in responding.

Infinergy completed the original assessment in-house.

Infinergy did use a Pager Power report to reinforce how robust an assessment we had conducted in-house (as attached), Page 14 'Appendix – Radar Line of Sight Calculations Notes' shows the same findings – Little Wyvis hides all the turbines from view (i.e. the 'blocking point' in the key).

Kind Regards

Nick

From: Karen Banks <KBanks@hial.co.uk>

Sent: 11 July 2019 08:53

To: Nick Sage <N.Sage@infinergy.co.uk>

Subject: RE: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Nick,

Apologies still on catch up after a weeks leave, I've just got round to having a look at the provided information now.

Quick question, who is the originator of the Line of Sight drawings, was it Pager Power or have Infinergy utilised a package?

Many thanks,
Karen

Karen Banks
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From: Nick Sage <N.Sage@infinergy.co.uk>
Sent: 09 July 2019 11:08
To: Karen Banks <KBanks@hial.co.uk>
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: FW: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Karen

As just discussed, please see attached reports which you have received hard copies of, and were sent electronically by email (below). Both Peter and I were getting emails bounced back when we had sent them, but it all makes sense now as Anne Philips has retired.

Let me know if you need any further clarification/or information ?

Thanks in advance.

Kind Regards

Nick

Nick Sage
Project Director

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From: Nick Sage
Sent: 04 July 2019 16:30
To: APhillips@hial.co.uk
Cc: Peter Wheelan <Peter.Wheelan@highland.gov.uk>; Stephen Sheldon <S.Sheldon@infinergy.co.uk>
Subject: FW: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Morning Anne

Further to your email below, and in advance of a formal Further Environmental Information submission being made, I would like to inform you of a change to the proposed Lochluichart Wind Farm Extension II application.

Following statutory consultee feedback, Infinergy Limited, on behalf of Bluebell Wind Farm Limited the applicant, will be reducing the size of the scheme from 9 turbines to 5.

Based on your comments below, my colleague has completed Line of Sight (LoS) for the remaining 5 turbine scheme which will be formerly submitted in August this year; i.e. for turbines 4, 5, 6, 7 & 8 (Document '20190417 LoS Inverness Radar TO lxx – Revised 5 WTGs scheme'). In addition, a Pager Power report is provided, also showing no LoS conflict between the proposed 5 turbine application and Inverness Radar, mainly due to the presence of Little Wyvis as outlined in the document '20180328 LXX HIAL Inverness Airport LOS Report_FINAL' and sent to you 29/03/18 as attached.

I trust the information supplied is all that is required to satisfy your concerns outlined below. If you require any further information, please do not hesitate in contacting me.

I look forward to a quick response.

Thanks in advance.

Kind Regards

Nick

Nick Sage
Project Director

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From: Anne Phillips [<mailto:APhillips@hial.co.uk>]
Sent: 24 May 2019 12:27
To: Epc
Cc: Peter Wheelan
Subject: Plan App 19/01284/FUL - Lochluichart Wind Farm Extension II Land Between Lochluichart and Loch Glascarnoch Garve

Your Ref: 19/01284/FUL
HIAL Ref: 2019/0021/INVV

Dear Sir/Madam,

PROPOSAL: Lochluichart Wind Farm Extension II - Erect 9 Wind Turbines (Max height to blade tip 133m) and Associated Infrastructure and Facilities
LOCATION: Land Between Lochluichart and Loch Glascarnoch Garve

Whilst these turbines would not cause a physical infringement to **Inverness Airport's** safeguarded surfaces, 5 of the turbines could possibly be in Line of sight of the Radar installation. Inverness Airport would not wish to see a degradation of this service.

HIAL had previously requested line of sight drawings between the Radar and the Turbines. One drawing was supplied for Turbine 4 which is on lower ground than other turbines.

Please could the developer provide line of sight drawings for Turbines 6, 7, 8, 9 and 11.

I would also ask that the developer check the OS base as there appears to be some inconsistency or mismatch.

Until line of sight drawings are supplied, and HIAL can be assured that the Radar installation will not be affected, HIAL would be likely to **object** to this proposal.

Regards

Safeguarding Team
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