

From: Colin King [REDACTED]
Sent: 28 September 2020 21:28
To: Norfolk Boreas <NorfolkBoreas@planninginspectorate.gov.uk>
Subject: Norfolk Boreas Project EN010087.

Dear Planning Inspectorate,

REP15-006.

Applicant's Comments on Deadline 15 Submissions.
Regarding the Rochdale Envelope.

Firstly I agree with the applicant's explanation, that the ceiling of the blue dotted box is set at 25m and the converter halls' fronts are 19m, which gave me the impression that the halls' fronts were set on the site's back line. My mistake, and I apologise.

I find it unclear that the applicant explains, **"A 3D model of the onshore substation has been used to give an indication of what the substation will look like and a blue dotted box represents the Rochdale envelope, within which the substation elements can move. By showing the blue Rochdale envelope alone, we may overestimate the extents to which the development could be visible. By showing just the substation model alone, we may underestimate visibility. Hence, the use of both techniques in the visualisations." (from comments on relevant representations page 153, table 24 no4,)**

And they also explain, **"The visualisations show the worst case assumptions and further design iterations post consent will either maintain those levels and extent of visibility, or reduce them."**

Regarding Operational Noise.

1. This answer still did not answer the question. It did explain, cumulatively with Dudgeon, there will be no increase of permitted noise levels at sensitive receptors. The problem is the permitted noise level at sensitive receptors is the same as Dudgeon's, 35dB 5mins and 32dB 15mins, which was formed from the background noise of its closest sensitive receptor, a property on the A47. While Ivy Todd would be the closest receptor to the Boreas/ Vanguard substation, background noise level, 28.4dB, and at this level the substation noise will be audible over the background noise, except if there were other temporary occupational noises to provide a mask.

The phrase "There is no increase of noise levels permitted at the sensitive receptors," does not mean the noise level being experienced from Dudgeon at the moment will not increase. It means the permitted noise level, which is 35dB/32dB must not be increased. Meaning the noise level currently experienced from Dudgeon, in Ivy Todd is permitted to increase to 6.6dB 5mins / 3.6dB 15mins above the average background level. Totally out of place and unacceptable for a quiet area. Dudgeon's operational noise is undetectable in Ivy Todd.

2. I can not find an answer to my question here. The answer explains that, **"As the proposed footprint of Norfolk Boreas is further from the A47, additional measurement locations were included as part of the Norfolk Boreas onshore project substation survey to determine the prevailing soundscape within the vicinity of the operational site."**

Out of the 12 measurement locations for Boreas/Vanguard, only 2 provided results for the agreed week period. These results demonstrated the closest sensitive receptor had a background noise level 6.6dB 5mins and 3.6dB 15mins below Dudgeon's permitted noise level, and yet Dudgeon's limit was adopted, with no adjustment. Wood Farm is a close property, and as far I am aware is unmonitored, and West End Bradenham being very quiet, should have provided results.

3. This answer states "**Residential receptors were all categorised as being of a medium sensitivity.**" There are properties in Necton close to the A47 and properties in Ivy Todd and West End Bradenham in quietness. This causes differences in sensitivity.

In summary, from my perspective.

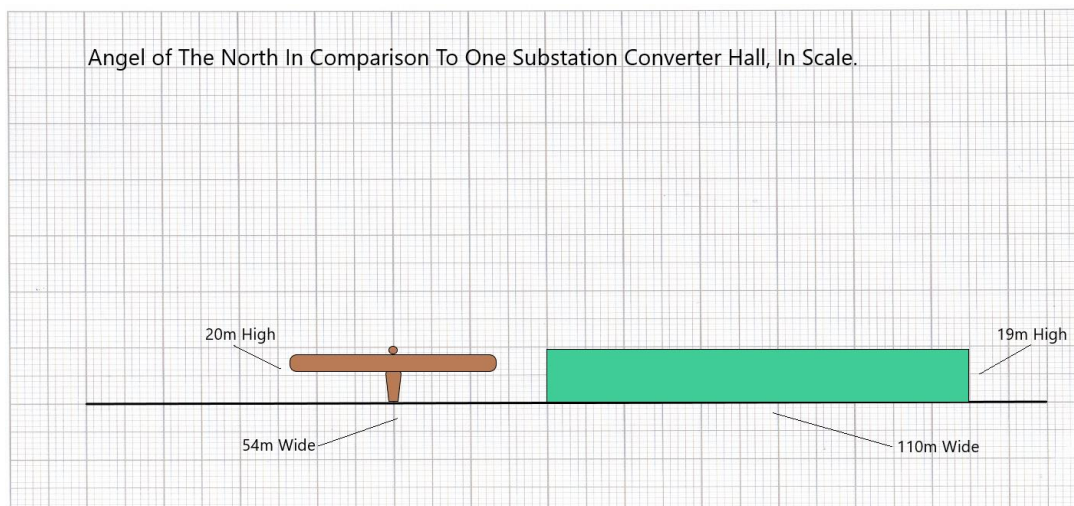
1. My initial concern regarding the converter halls from viewpoints 2,3,&7 still stand. Viewpoint 2 shows the converter halls largely concealed by an unproven, and I contend nonexistent land form.

2. Viewpoint 3 shows the same issue to a lesser extent as viewpoint 2.

3. Viewpoint 7 shows mitigation by immature trees totally concealing the halls, by way of advantage gained by another unproven landform.

4. This leads on to the question of, total accuracy of the visualisations, taking into account three unconnected computer packages were used to generate the visualisations, and the converter halls placement and scale was verified by using existing landmarks. Taking into account the size of these substations, and how much evaluation was based on the visualisations, the effects of any inaccuracies cannot be overestimated.

This scale diagram shows the 4 converter halls alone of Boreas/Vanguard would be equivalent to 8 Angels of The North.



If the visualisations are showing a landform in an exaggerated state to provide an acceptable view, does this make a case for bunding to equal the exaggerated land form?

5. The operating noise level as covered above is still being overlooked.

6. On the 25/9/20 the stream through Ivy Todd flooded the road and came close to properties.











Vattenfall's UK country manager Danielle Lane, responding to the Minister's opening address to the SNS2020 North Sea energy conference Sep 17 2020, said amongst other things, "We need to make sure good projects come through and we resolve conflicts as they arise with all stakeholders. It can be done through good engagement and consultation, but we need to recognise that compromise is needed."

A good sentiment, but I don't think it is unfair to say we've seen little evidence of it at Necton.

Thank you for your attention Colin King.

From: Colin King [REDACTED] >
Sent: 28 September 2020 21:24
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Request for further information.

R17.1.2.

1. There is continuing objection to the compulsory acquisition of the easement rights over plots; 40/13,40/14,40/15,40/17,40/18,40/19,40/20,40/21,40/22,40/23,40/24,40/25,40/26,40/27,40/33a,40/01a,41/02,41/03,41/04,41/05,41/06,41/08,41/10,41/11,41/13,41/14,41/15,41/16,41/19,41/20,41/22,41/23,41/24,41/25,41/26,41/28,41/28a,41/29,41/30a,41/30b,41/30c,41/30d,41/30f,41/31,41/33,41/34,41/35,41/36,41/37,41/38,41/40.

as no agreement, or terms of agreement have been offered. The applicant is undecided about these easements, as there is little detail with the land registry, and a paper copy can not be found. If they are to be ignored, I ask for clarity, or proof of their nonexistence.

2. No it is not anticipated.

3. --.

Regards Colin King.