

**From:** [REDACTED]  
**To:** [Norfolk Boreas](#)  
**Subject:** Norfolk Boreas  
**Date:** 22 July 2020 09:18:13  
**Attachments:** [Bradenham Hall Farms plan.pdf](#)

---

Good morning,

Following on from the virtual meeting to discuss the proposed Norfolk Boreas sub-station at Necton on Wednesday 15<sup>th</sup> July 2020, I wish to submit my comments that were raised at that meeting.

My name is Chris Allhusen from Bradenham Hall Farms. We own the land on which the south-eastern end of the Norfolk Boreas sub-station will be constructed. This project will have a considerable detrimental effect on our Estate and farming operations, not only from a practical point of view, but also noise, visual effects and light pollution. There are nine points I wish to make.

1. Siting. Both Norfolk Vanguard and Norfolk Boreas projects are being proposed on top of one of Norfolk's highest hills. The Top Farm site would be a far better site for both projects as it is adjacent to the National Grid sub-station as well as being 20 metres lower. I do not believe that the original site selection for either project was properly carried out, the site options were the easiest for the applicant, not the best for Norfolk.
2. Sub-station land purchase. We have had no communication regarding the sub-station site since our meeting with Norfolk Boreas on the 16<sup>th</sup> March this year, other than an acknowledgement of the meeting, some photographs of considerably smaller sub-stations and some discussions regarding tree screening species. We are still waiting for answers to all other questions raised at that meeting, most of which I have elaborated upon below.
3. Design & Access statement. Whilst we have received rather woolly assurances about being involved in the visual aspects of the building's design and the tree screening, to minimise its visual effect, nothing concrete has come out so far. I understand that the final design of these huge buildings, sited on one of the highest hills in Norfolk, has yet to be decided, which is far from satisfactory. As previous speakers at the meeting said, I would like to see far more detail on this matter produced and Norfolk Boreas forced to adhere to it, before this hearing is concluded.
4. Bunding. The buildings could be part hidden by the use of bunding, especially on the eastern and southern sides where the land is highest, and where the buildings could be partially dug into the ground, but we are concerned that efforts to minimise local visual impact will be ignored by Norfolk Boreas as far as possible.
5. Tree screening. No trees will hide these huge buildings, and few of the trees proposed will even reach the building eaves height during the life of this project. Early planting of larger specimens and bunding could help alleviate this but so far neither project is being held to this. We have had some good discussions with Jo Phillips who is advising Norfolk Boreas, but these are

only discussions and I would like to see Norfolk Boreas commit in writing to the use of early planting and good size plants.

6. Noise. There have been no noise surveys carried out on our Estate at all, despite frequent requests to establish a base line. I understand that Norfolk Boreas do not consider this necessary. No information has been forthcoming regarding the noise that might emanate from external electrical structures and buildings. We are concerned that although careful design of such buildings could reduce the noise from them to almost zero, Norfolk Boreas may feel that the cost involved might outweigh the benefit to the local environment and ignore our concerns.
7. Light pollution. We are waiting for assurances that light pollution will be kept to a minimum both during construction and operation. Our concern is based on the fact that this was not the case with Dudgeon.
8. Land-locking. We requested a change to the south east corner of the site that Norfolk Boreas require in order that we are not land-locked between two fields, and can travel between them, but we have so far heard nothing definitive so far. I attach a plan showing this corner where we would ask for a 12 meter corridor (see black line indicating new boundary) to enable us to get machinery between the two fields. I have hatched in green the existing mature woodland adjacent to this corner, which is why we cannot use that area for access.
9. Compulsory Purchase Powers. I am increasingly concerned that both Norfolk Vanguard and Norfolk Boreas intend to rely heavily on the use of compulsory purchase powers to avoid the need to conclude effective negotiations with Landowners. Vattenfall is a Swedish company and the impression that we get from negotiations to date and lack of concrete information provided by Vattenfall, are that they have little concern for the feelings of and effects on the immediate local population.

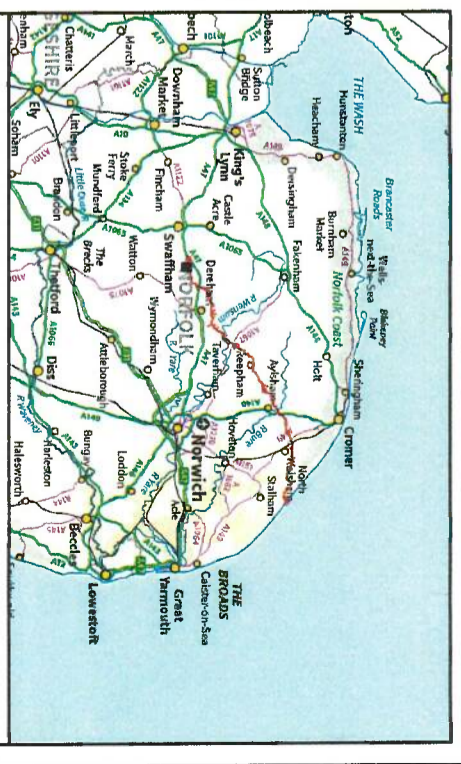
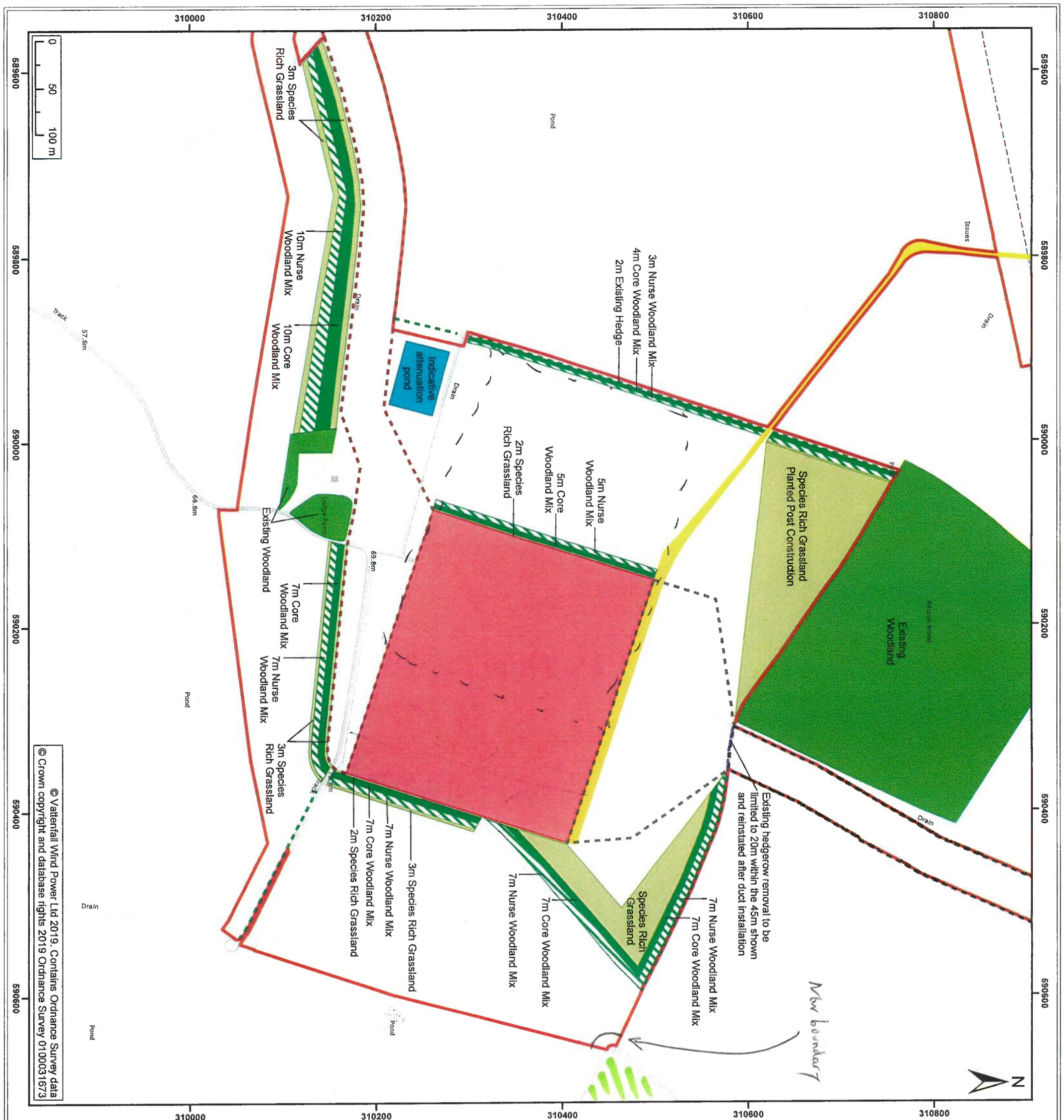
I am happy to discuss any of the above with Vattenfall.

Kind regards

Chris Allhusen

Bradenham Hall Farms





- Legend:**
- Norfolk Boreas Order Limits
  - Norfolk Boreas Onshore Project Infrastructure (Scenario 2)
  - Onshore cable route
  - Cable route entry to substation
  - Onshore 400kV cable route
  - Onshore project substation
  - Permanent access
  - Existing woodland
  - Existing vegetation
  - Existing hedgerow
  - Proposed mitigation area
  - Proposed core woodland
  - Proposed nurse woodland
  - Proposed species rich grassland
  - Indicative attenuation pond
  - Proposed hedgerow

*Make woodland*

Project: Norfolk Boreas

Report: Design and Access Statement

Title: Indicative onshore project substation mitigation planting – Scenario 2

Figure: 6 Drawing No: PB5640-007-001-006

Revision:	Date:	Drawn:	Checked:	Size:	Scale:
03	18/11/2019	JT	CD	A3	1:4,000
02	18/03/2019	LB	CD	A3	1:4,000

Co-ordinate system: British National Grid EPSG: 27700