

# Norfolk Boreas Offshore Wind Farm

# Consultation Report

## Appendix 22.8 October 2018 newsletter

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*Photo: Ormonde Offshore Wind Farm*

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# Vattenfall in Norfolk Norfolk Boreas consultation newsletter



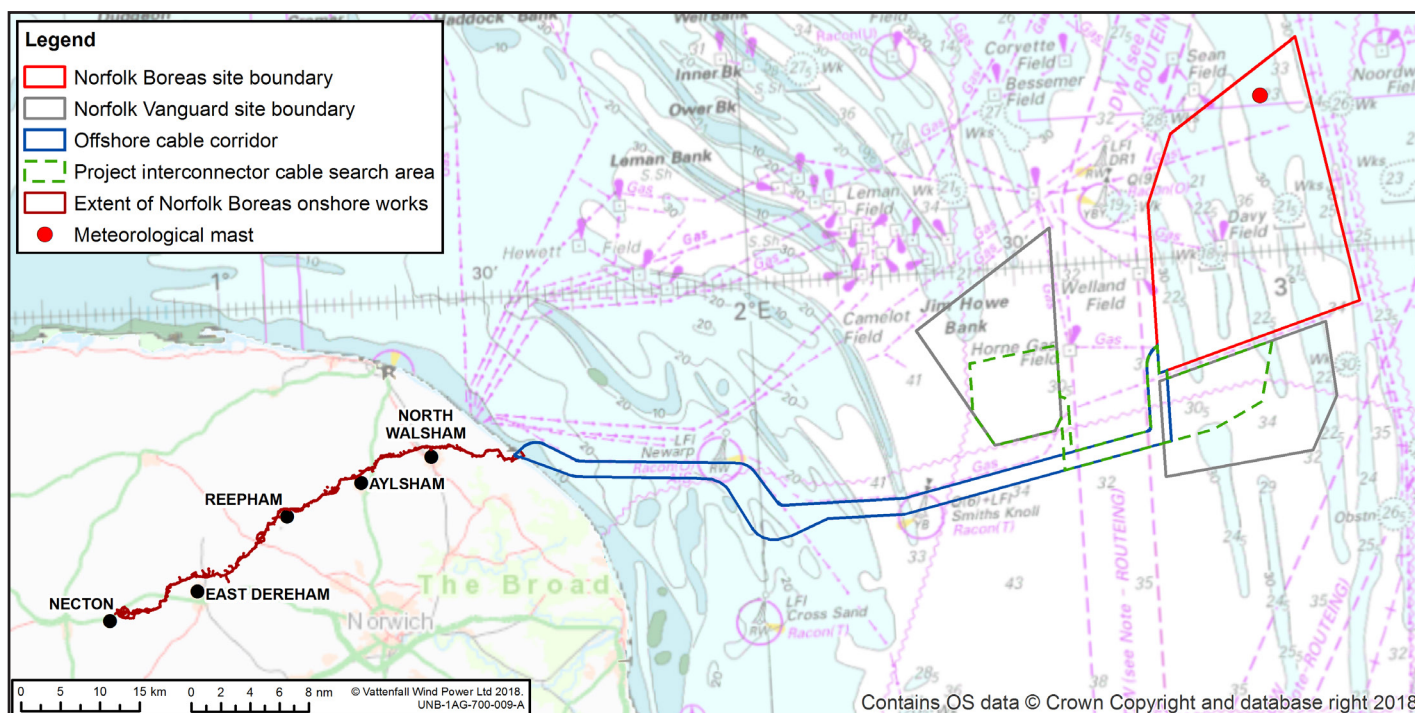
## Welcome

Welcome to the latest edition of your Vattenfall in Norfolk newsletter.

In this edition you will find information about the upcoming formal consultation on our proposals for the Norfolk Boreas Offshore Wind Farm, including where and how you can access information about the project. You'll also be able to see where we're holding our public consultation events during November.

On page 4 you can read about what we've been up to around Norfolk since the last edition of the newsletter, as well as a look ahead to community activities we have got coming up later in the year.

In July, our Development Consent Order application for the Norfolk Vanguard project was accepted for examination by the Planning Inspectorate. Page 4 has more information about the next steps and how you can get involved.



## In this newsletter:

- Norfolk Vanguard update
- Location details for information points and public consultation events
- Have your say on the Norfolk Boreas proposals
- How to keep informed about our two projects
- Vattenfall in the community

# Norfolk Boreas Offshore Wind Farm

## What are we proposing?

The Norfolk Boreas wind farm would be located 73km from the coast of Norfolk at its closest point to land.

The project would consist of between 90 and 200 wind turbines, each having a rated capacity of between 9MW and 20MW, to give an export capacity of up to 1.8GW, providing efficient, cost-effective fossil-fuel free energy.

Once fully operational Norfolk Boreas could produce enough energy to power 1.3 million homes in the UK. This represents 25% of the East of England's total (commercial, industrial and domestic) power requirements.

In line with the proposals for its sister project – Norfolk Vanguard – the proposed landfall will be south of Happisburgh. From there, underground cables will transmit power generated at the wind farm through to our proposed connection point into the National Grid outside Necton.

In the vicinity of the National Grid substation, we will need to build an onshore project substation in order to convert the Direct Current electricity from the wind farm into Alternating Current which is what we use in our homes.

The Norfolk Boreas DCO application will consider two scenarios. Scenario 1 is where both Norfolk Vanguard and Norfolk Boreas are delivered (with associated synergies), and Scenario 2 is where only Boreas is delivered.

## Have your say on Norfolk Boreas

In November and December we will be carrying out a statutory consultation on our Norfolk Boreas proposal. This is your opportunity to share your views on the project, including the micro-siting of the onshore project substation under Scenario 2 (i.e. in the event that Norfolk Vanguard does not proceed) together with the landscaping mitigation at the onshore project substation and connection point into the National Grid.

The consultation is open to all and will run from Wednesday 7th November until Sunday 9th December 2018. During this time we will be holding six public consultation events along the route of the onshore cables, and an event in Norwich city centre. A full list of the dates, times and locations for these events can be found on page 3.

We have published a Statement of Community Consultation which describes our project and our approach to consultation in detail. It is available to view on the project website ([www.vattenfall.co.uk/norfolkboreas](http://www.vattenfall.co.uk/norfolkboreas)) and at the deposit locations listed below. It has also been sent to your local Parish Council, and to other local representatives and groups.

## The evolution of offshore wind turbines

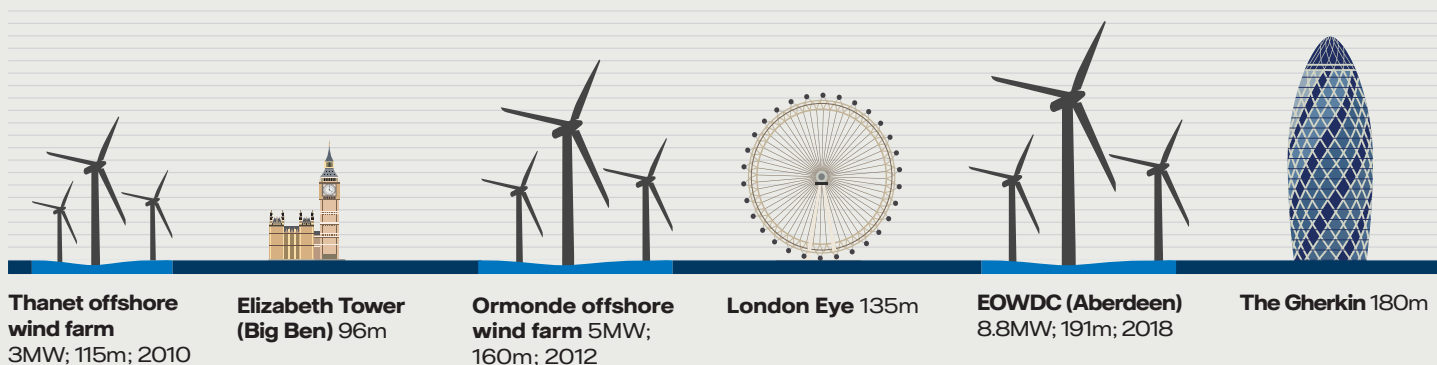
The range in turbine size being considered for Norfolk Boreas reflects the rapid pace of technological innovation driving the offshore wind industry to provide efficient, cost-effective fossil-fuel free energy.

Five years ago, the most powerful turbines installed were 5MW turbines. In September 2018, Vattenfall unveiled the world's most powerful operational turbines at the European Offshore Wind Development Centre. These are 191m tall to tip height with 8.8MW (megawatts) of installed power.

### Did you know?

Currently, only one offshore wind farm in the UK is transmitting power to shore via HVDC transmission system.

Vattenfall committed to a Direct Current system for the Norfolk Vanguard and Norfolk Boreas projects, following consultation with local stakeholders and communities and with specialist industry partners because we believe this is where we will see the next technological breakthroughs for offshore wind.



## Accessing consultation materials

As well as the events listed above, you will be able to view all of our consultation materials at information points across Norfolk and on our project website [www.vattenfall.co.uk/norfolkboreas](http://www.vattenfall.co.uk/norfolkboreas).

The consultation materials will consist of:

- A consultation summary document – to provide a summary of our proposals;
- The Preliminary Environmental Information Report (PEIR) – which sets out our preliminary assessment of potential environmental impacts of the Project and our proposed mitigation measures to reduce impacts identified as significant;
- A Non-Technical Summary (NTS) of the PEIR;
- A feedback form – for you to provide us with your views; and,
- Location plans of Norfolk Boreas;

We want to make sure information is accessible locally.

All consultation materials will be available to view at the local libraries listed below from 31st October until 9th December 2018.

At each library you will be able to take away copies of the feedback form and consultation summary document along with a USB stick containing the full suite of consultation materials.

Due to the size of the PEIR, hard copies will only be available to view at Dereham and North Walsham libraries as well as online and at the consultation events.

## How to give us your views

The deadline for feedback is Sunday 9th December 2018 at 11:59pm. Feedback can be given by completing a hard copy feedback form (available at libraries, consultation events or on request) and either dropping it to us at one of the events or posting it to us using our freepost address: FREEPOST NORFOLK BOREAS.

You can also complete a feedback form online via the project website.

We will also accept feedback by email or letter.

If you require consultation materials in alternative formats, please contact using the details on page 4.

## Consultation events

**Happisburgh** - The Wenn Evans Centre, NR12 OQY

**Aylsham** - Aylsham Town Hall, NR11 6EL

**Necton** - Necton Rural Community Centre, PE37 8EH

**Norwich** - The Forum, NR2 1BH

**Dereham** - Dereham Sixth Form College, NR20 4AG

**North Walsham** - North Walsham Community Centre, NR28 9DE

**Reepham** - St Michael's Church, NR10 4JL

Wednesday 14 November 1pm – 7pm

Thursday 15 November 1pm – 7pm

Friday 16 November 1pm – 7pm

Wednesday 21 November 11am – 6:30pm

Thursday 22 November 1pm – 7pm

Friday 23 November 1pm – 7pm

Saturday 24 November 10am – 3pm

Deposit Points	Opening Times
<b>Aylsham Library</b> 7 Hungate St, Aylsham, Norwich, NR11 6AA	Mon and Fri: 9.30am - 12.30pm; 1.30 - 7:00pm; Tues and Thurs: 9.30am - 12.30pm; 1.30 - 5:00pm; Wed: 1.30 - 7:00pm; Sat: 9.30am - 4:00pm; Sun: 11:00am - 2:00pm
<b>Dereham Library*</b> 59 High St, Dereham, NR19 1DZ	Mon, Wed and Thurs: 9.15am - 5:00pm; Tues and Fri: 9.15am - 7:00pm; Sat: 9.15am - 4:00pm
<b>Norwich Millennium Library</b> The Forum, Millennium Plain, Norwich, NR2 1AW	Mon-Fri: 10:00am - 7:00pm; Sat: 9:00am - 5:00pm
<b>North Walsham Library*</b> New Rd, North Walsham, NR28 9DE	Mon and Thurs: 9:30am - 7:30pm; Tues and Fri: 9:30am - 5:00pm; Wed and Sat: 9:30am - 1:00pm
<b>North Norfolk District Council</b> Council Offices, Holt Road, Cromer, NR27 9EN	Mon, Tues and Thurs: 8:30am-5:00pm; Wed: 10:00am - 5:00pm; Fri: 8:30am - 4:30pm
<b>Broadland District Council</b> Thorpe Lodge, 1 Yarmouth Road, Norwich, NR7 ODU	Mon-Fri: 8:30am - 5:00pm
<b>Breckland District Council</b> Elizabeth House, Walpole Loke, Dereham, NR19 1EE	Mon-Fri: 8:30am - 5:00pm
<b>Norwich City Council</b> St Peters Street, Norwich, NR2 1NH	Mon-Fri: 8:45am - 5:00pm
<b>Great Yarmouth Borough Council</b> Town Hall, Hall Plain, Great Yarmouth, NR30 2QF	Mon-Fri: 9:00am - 5:00pm
<b>Swaffham Library</b> The Pightle, Swaffham, PE37 7DF	Tues and Thurs: 10.00am - 7.00pm; Fri: 1.00-7.00pm; Sat:10.00am - 4.00pm

\*Due to the size of the PEIR, hard copies will only be available to view at Dereham and North Walsham libraries



## Norfolk Vanguard update

In June, we submitted our Development Consent Order application to the Planning Inspectorate. You can follow its progress via the Planning Inspectorate website - <https://infrastructure.planninginspectorate.gov.uk/projects/eastern/norfolk-vanguard/>

### How we were supported to prepare for the planning process:



**31** Community consultation events, and workshops



**14** expert topic groups with national and local stakeholders, providing critical appraisal and guidance



**2500** participants



**120+** specialists who contributed to the data encompassed within the DCO



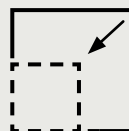
**1200** items of written feedback



**100%** of landowners along the cable corridor we are proactively engaging with



**200+** meetings with Parish Councils, local groups and representatives attended by our team



**100m to 45m** - reduction of cable corridor width  
**54m to 20m** - reduction in permanent easement width

## Vattenfall in the community

Call us traditional, but September for us too signifies “back to school” with activities focussed on working with local skills and education providers. There are some great opportunities ahead for people interested in working in the offshore wind sector, and the supply chain it will need. Organisations, and businesses in Norfolk and across the New Anglia Local Enterprise Partnership area recognise the time to gear up is now. What’s been achieved already:

- Colby primary mentors
- Nexus interns – see the fruits of their labours at our forthcoming events
- UEA 3D offshore windfarm design programme and UEA undergraduate peer mentor development
- 3D offshore windfarm design training to students at nine local colleges

### Coming next:

- Norwich Science Festival – Technology Day, 24th October 2018
- Skills for Energy, Norwich, 28th November 2018

**Thank you to everyone who has contributed to shaping the Norfolk Vanguard and Norfolk Boreas projects to date.**

## Contact us

### Norfolk Boreas enquiries

Email: [info@norfolkboreas.co.uk](mailto:info@norfolkboreas.co.uk)  
Freephone: 0800 019 3517

### Norfolk Vanguard enquiries

Email: [info@norfolkvanguard.co.uk](mailto:info@norfolkvanguard.co.uk)  
Telephone: 01603 567995

### Community enquiries

Email: [susan.falch-lovesey@vattenfall.com](mailto:susan.falch-lovesey@vattenfall.com)

### Landowner enquiries

Email: [vattenfallinnorfolk@consentsolutions.com](mailto:vattenfallinnorfolk@consentsolutions.com)

### Maritime enquiries

Email: [jonathan@brownmay.com](mailto:jonathan@brownmay.com)

## Could your business be part of the offshore wind farm supply chain?

Join us at a supply chain event – focus on onshore works 5th December. Register at <http://bit.ly/NVSupplyChain>  
Visit: Offshore Wind Week East Anglia 22-23rd November - <https://bit.ly/2Qt2S73>