

Norfolk Vanguard Offshore Wind Farm

Key facts

First power expected: Mid 2020s

Installed capacity: 1.8GW

Homes powered equivalent per annum: 1.95 million*

Amount of CO2 saved: 3 million tonnes*

Equivalent cars removed: 1.6 million

Geographical scale of offshore site area: 592.069km²

Distance of the nearest turbine from the shore: 47km

Landfall location: Happisburgh, Norfolk

Length of cabling onshore: 60km

Number of turbines: Between 90 and 180

Height of turbines to tip: Up to 350 metres

Individual turbine capacity: Confirmed when a turbine supplier is selected

Jobs created: Approximately 150 for Norfolk Vanguard and Norfolk Boreas combined once operational. Onshore construction more than 400 during peak.

Comparison to other large infrastructure: Hinkley Point C will be up to 2.4GW and Sizewell B is 1.198GW

*Source: <https://www.renewableuk.com/page/UKWEDEexplained>



Vattenfall in the UK

Vattenfall has been working in the UK for more than ten years, developing fossil free energy projects. We have grown our wind business from one project in 2008 to 11 today. We continue to grow in district heating and power networks, to make fossil free living possible within one generation.

www.vattenfall.com/uk



Vattenfall in Norfolk

Vattenfall is planning Norfolk Vanguard and Norfolk Boreas, two offshore wind farms off the coast of Norfolk that could power more than 3.9mn UK homes combined.

www.vattenfall.co.uk/vattenfallinnorfolk