VATTENFALL

Thanet Extension Offshore Wind Farm

Key facts

First power expected: Mid 2020s

Installed capacity: 340MW

Homes powered equivalent per annum: 307,500*

Amount of C02 saved: 595,000 tonnes*

Equivalent cars removed: 297,000

Geographical scale of offshore site area: 68.779km2

Distance of the nearest turbine from the shore: 8km

Landfall location: Pegwell Bay

Length of cabling onshore: 2.5km

Length of cabling offshore: 28km

Number of turbines: Up to 34

Height of turbines to tip: Up to 250m

Individual turbine capacity: Dependent on technology choice

Jobs created: Our operational projects currently employ around 70 people. These positions will be sustained and increased to support Thanet Extension.

Comparison to other large infrastructure: Thanet Extension will generate more power than the existing wind farm with one third of the turbines.

***Source: https://www.renewableuk.com/page/UKWEDExplained**

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 Kent

Kent is home to three of our offshore wind farms – Thanet, Kentish Flats and Kentish Flats Extension.

These three wind farms combined produce enough electricity annually to power more than 400,000 UK homes.