

ScottishPower Renewables

East Anglia TWO and East Anglia ONE North

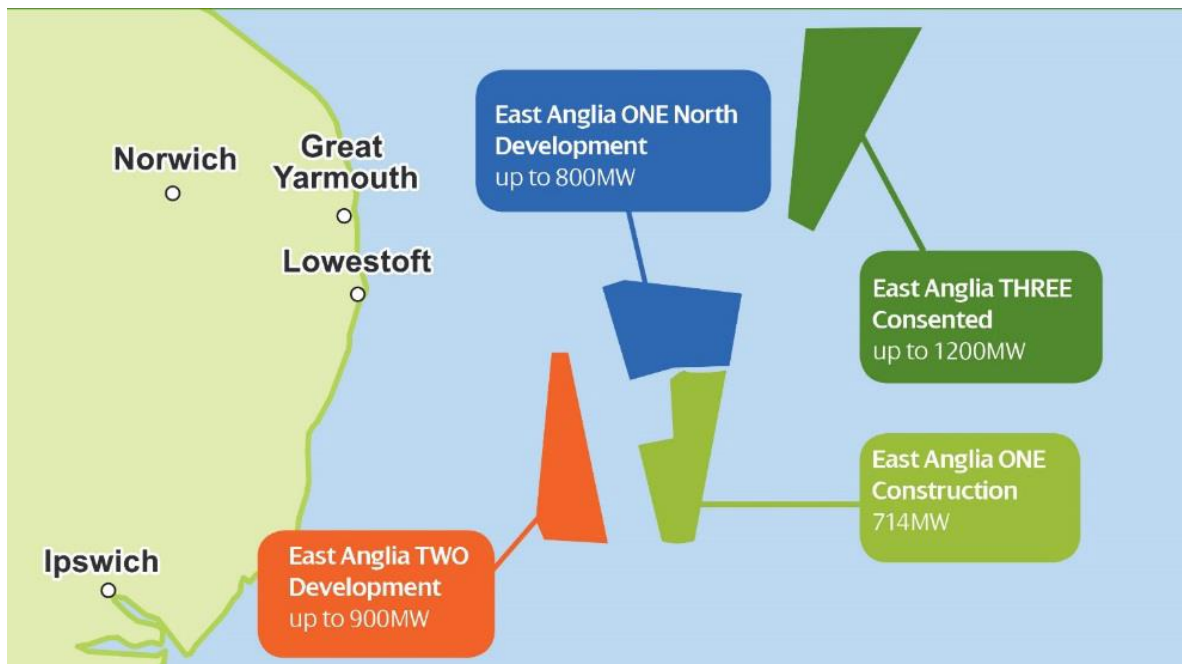
Landfall Factsheet

October 2018

East Anglia TWO and East Anglia ONE North Overview

Further to the ongoing construction of East Anglia ONE and consent for East Anglia THREE ScottishPower Renewables wishes to develop two further offshore windfarms off the coast of Suffolk, the proposed East Anglia TWO and East Anglia ONE North offshore windfarms.

East Anglia TWO is approximately 255km² in area and is expected to consist of up to 75 wind turbines with an overall installed capacity of up to 900MW (megawatts), with the potential to power around 742,000 homes¹. East Anglia ONE North is approximately 208km² in area and is expected to consist of up to 67 wind turbines with an overall installed capacity of up to 800MW, with the potential to power around 660,000 homes¹.



LANDFALL

How do the cables come ashore?

Two seabed export cables will transport the generated electricity to land. A landfall site with onshore transition pits will be required to connect the offshore and onshore cables. As with East Anglia ONE we expect that the cables will be brought ashore using a method called Horizontal Directional Drilling (HDD), this is a trenchless method, used to install ducts beneath the ground, through which the power cables for East Anglia TWO and ONE North will later be pulled.

Where will the windfarms connect onshore?

ScottishPower Renewables has a Grid Connection Agreement with National Grid to connect the East Anglia TWO and East Anglia ONE North projects in the vicinity of Sizewell/Leiston.



[East Anglia ONE Landfall Site](#)

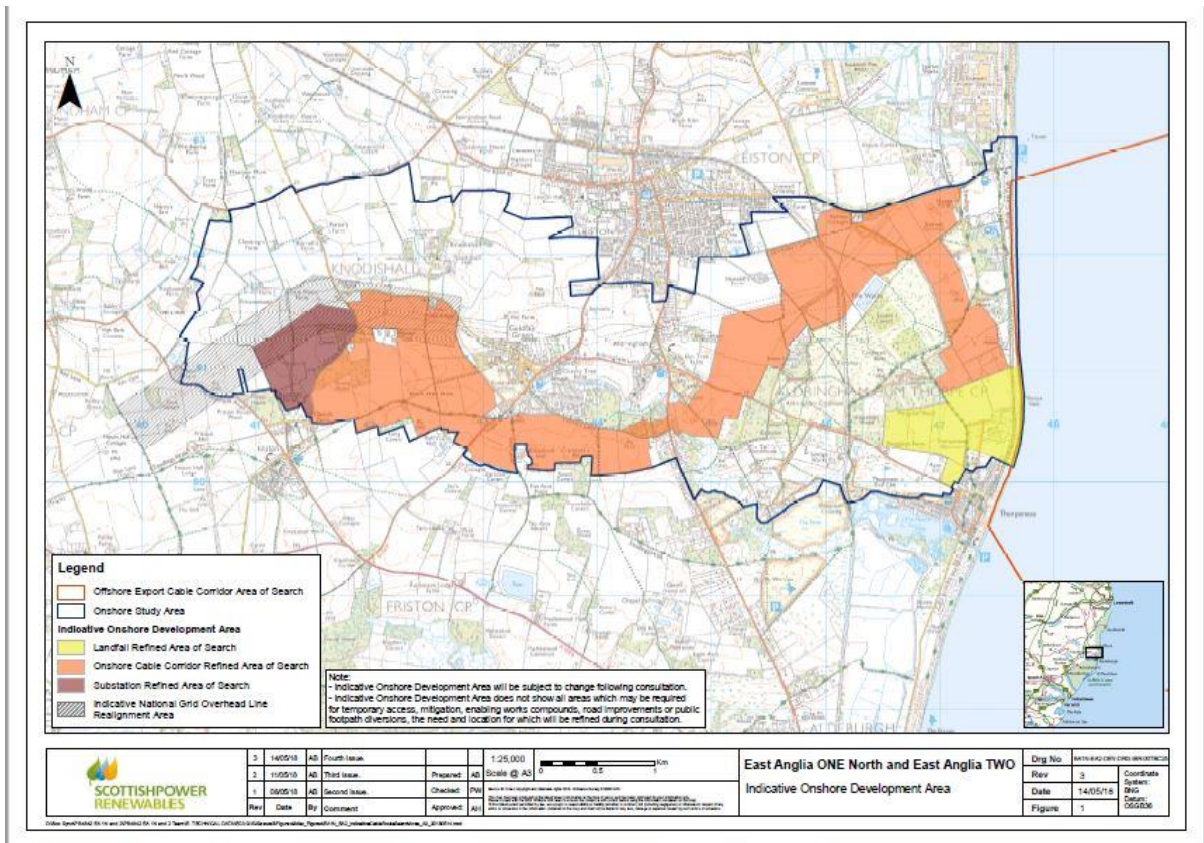
The onshore study area was identified by initial constraints and feasibility studies. It includes land north of Thorpeness for the landfall and inland an area south of Leiston cum Sizewell, encompassing the parishes of Aldringham-cum-Thorpe, Knodishall and Friston.

The exact location and cable route has not been determined and is subject to further technical work and consultation. At this stage an [Indicative Onshore Development Area](#) has been created, this process has identified a substation refined area of search within which both ScottishPower Renewables' and National Grid's substations will be located.

What location and size will the landfall works consist of?

A Horizontal Directional Drilling (HDD) site compound will be required to carry out these works. Currently the exact location, orientation and size of the landfall site is unknown and subject to further technical studies and consultation. However as an example, the existing landfall site at East Anglia ONE is located between the cliff above the beach and the main village road at a size of 58,500m². (To put this into context, this is the equivalent to eight acres or eight football pitches.) This comprises of ScottishPower Renewables' welfare offices, a HDD compound and an archaeology compound. The length, from the entrance on the road back towards the beach is approx. 390m and the width is approx. 150m.

The map below shows the Indicative Cable Route Search Area and also shows the Landfall Refined Area of Search (in yellow).



FIND OUT MORE

If you require any further information on the project please contact us via the methods below.

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