

# East Anglia TWO and East Anglia ONE North

## Key Stats



Project areas  
2 x 200km<sup>2</sup>



Approx 30-40km  
from shore

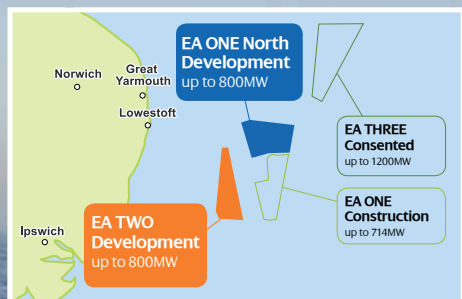


Up to 800MW  
per site



Water depths  
30-70m

## Our East Anglia projects



Cover picture: ScottishPower Renewables' Wikingør offshore windfarm



**SCOTTISHPOWER  
RENEWABLES**

# East Anglia Update

## We are committed to responsibly developing, constructing and operating windfarms off the coast of East Anglia whilst maximising the benefits created by these projects.

East Anglia TWO and East Anglia ONE North are part of a group of four offshore windfarms ScottishPower Renewables is planning to develop off the coast of East Anglia.

The first of these windfarms is East Anglia ONE, which is currently being constructed and is leading the way with our target of spending 50% of the £2.5bn project investment in the UK.

An example of this investment is our contract with the Port of Lowestoft, which will be the operations and maintenance hub for the 30-year lifespan of East Anglia ONE, an agreement worth £25million.

East Anglia THREE is the next project we are planning to develop, closely followed by East Anglia ONE North and East Anglia TWO.

While East Anglia ONE and East Anglia THREE are proposed to connect to the existing National Grid substation at Bramford, as a consequence of changes in our proposed export capacity and changes in the generation background connecting to the transmission network, National Grid and ScottishPower Renewables are exploring an alternative coastal connection point for East Anglia ONE North and East Anglia TWO.

It is anticipated that as a consequence of this process, these projects will connect to the grid in the vicinity of Sizewell / Leiston. The exact position of connection and therefore cable landfall has not been determined but, we are mindful that a coastal location minimises the infrastructure needed and as such the onshore impacts of these projects.

The potential cable route areas and methods of connection are being refined and consultation is underway with local agencies regarding potential constraints.



ScottishPower Renewables is committed to encouraging more young people to study Science, Technology, Engineering and Maths (STEM) subjects.



ScottishPower Renewables' Wikingen project off the coast of Germany

It is likely each project would require an onshore substation to which power from the offshore windfarm would flow underground via cables. An underground circuit would then provide connection to the existing National Grid infrastructure with details of final works to be determined.

A connection at Sizewell/Leiston should not require any new overhead transmission lines and would not affect Sizewell C planned export capacity.

In order to further minimise onshore construction impacts, we are installing ducting for the East Anglia THREE cables during East Anglia ONE's construction. We are proposing the same approach for this new connection and therefore, would install ducting for East Anglia ONE North during construction of East Anglia TWO where the routing is the same.

## What happens next?

We will work with National Grid and others to further develop our plans. In autumn 2017 we will organise public information days and local briefings to communicate our initial plans, including the proposed area within which infrastructure would be sited. At these events members of the project team will be on hand to answer questions and provide more detail. The events will be advertised locally, through the media and on our website.

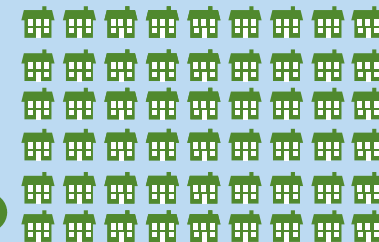
Following this the projects will move into the Environmental Impact Assessment scoping phase in November 2017. During this process we seek to quantify the scope of the environmental assessment with The Planning Inspectorate and other consultees.

In 2018 we will finalise our proposals for East Anglia TWO. Building on our 2017 engagement, we will communicate in detail what is proposed and what the anticipated environmental impacts are through the publication and consultation of a draft Environmental Statement.



Onshore cables will be buried underground, removing the need for pylons.

East Anglia TWO and East Anglia ONE North could provide clean energy for the UK for decades to come.



# Anticipated Timelines



## East Anglia TWO

**2017**  
Autumn 2017:  
Public information days  
Winter 2017:  
Scoping report\* submitted

**2018**  
Summer 2018:  
Consultation on draft  
Environmental Statement

**2019**  
2019:  
Development Consent  
Application

**2024**  
2024:  
Commence  
construction

## East Anglia ONE North

**2017**  
Autumn 2017:  
Public information days  
Winter 2017:  
Scoping report\* submitted

**2019**  
Summer 2019:  
Consultation on draft  
Environmental Statement

**2020**  
2020:  
Development Consent  
Application

**2025**  
2025:  
Commence  
construction

\*Providing a description of project components and the connection route to the electricity transmission network



### Contact us

If you have any questions, please contact our stakeholder manager, Joanna Young

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For further information and to register for project updates please visit [www.scottishpowerrenewables.com](http://www.scottishpowerrenewables.com)