



RWE npower renewables North Hoyle Offshore Wind Farm. This photo is not intended to represent the appearance, size or scale of the proposed Triton Knoll Offshore Wind Farm.

Triton Knoll Offshore Wind Farm consultation newsletter

This June, RWE npower renewables is launching its formal consultation period for Triton Knoll Offshore Wind Farm.

Background

RWE npower renewables is proposing to build an offshore wind farm off the east coast of England known as Triton Knoll Offshore Wind Farm. The site is located approximately 33 kilometres (20.5 miles) off the coast of Lincolnshire and 46 kilometres (28.5 miles) off the coast of north Norfolk. It will be able to generate up to 1,200 megawatts (MW). This means the average annual energy generation at the Triton Knoll site would be equivalent to the approximate domestic needs of around 850,000 households¹.

In 2009, we secured a grid connection agreement with National Grid to connect the wind farm to the electricity network in East Lindsey. RWE npower renewables subsequently consulted with local people,

non-statutory groups and statutory bodies to help determine the most suitable location for the wind farm substation within this area.

However, in December 2010, RWE npower renewables were notified by National Grid that they were undertaking a review of options for Triton Knoll's connection point. It is anticipated that a significant amount of time will be required to undertake this review and to consult on options. Therefore, the Triton Knoll Offshore Wind Farm will now be progressed as two separate packages:

- Package 1 - The wind farm site itself and all elements within its offshore site boundary; and
- Package 2 - The electrical system, including the offshore and onshore

The consultation period will start on 1st June and will last for 42 days.

All consultation responses must be received by 5pm on 12th July 2011 to be considered.

The Triton Knoll team look forward to meeting you at our public exhibitions and discussing our proposals for Triton Knoll Offshore Wind Farm with you.

power cable routes and the onshore electrical substation.

In June, we will commence our formal consultation. This consultation will focus on the wind farm site itself (package 1) while further investigation is being carried out on the electrical system (package 2). Package 2 will be the subject of a separate consultation and planning application in the future.

What are we consulting on?

This planning application will be determined by the Infrastructure Planning Commission (IPC) under the provisions of the Planning Act 2008.

This means we must carry out pre-application consultation on our proposal for developing the wind farm. Groups that must be consulted include local authorities, a set list of public and regulatory bodies and those with an interest in the land affected by the project.

In addition, we must consult with the local community. We recently published a Statement of Community Consultation (SoCC) which explains how we will consult local people on our plans to develop the offshore elements of the Triton Knoll Offshore Wind Farm. A copy of our SoCC is available on our website www.npower-renewables.com/tritonknoll.

This version supersedes the previous SoCC that was published for the project in July 2010.

We have put together a set of documents containing information about the project called the 'Preliminary Environmental Information' (PEI). The PEI is a set of documents including plans and maps which shows the nature and location of the proposed offshore wind farm. It also includes information and results from the environmental studies we have been carrying out. A non-technical summary of the information will be available as part of the PEI.

We will be seeking opinions about the proposal for the Triton Knoll Offshore Wind Farm including ways in which the plans may be changed or improved.

To avoid any confusion, we would like to be clear about what we are consulting on. The following table provides a list of subjects:

Consulting on	Not consulting on
The offshore wind turbines, offshore meteorological masts, offshore substations and offshore intra-array cables and inter-substation cables	The electrical system including onshore substation and power cable routes and export offshore cable route
Surveys undertaken	The need for renewable energy
Information provided	The need for offshore wind farms



Offshore substation at Greater Gabbard Offshore Wind Farm.



RWE npower renewables staff talking to members of the public.

Notes

1. Equivalent homes supplied is based on an annual electricity consumption per home of 4700 kWh. This figure is supported by recent domestic electricity consumption data available from The Digest of UK Energy Statistics and household estimates and projections from the UK Statistics Authority. Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlating to a modelled reference node. This enables a calculation to be made to estimate the average annual energy production for the site based on 195 turbines each of rated capacity 6.15 MW. The energy capture predicted and hence derived homes equivalent or emissions savings figures may change as further data are gathered.

Project details

The main components of the Triton Knoll Offshore Wind Farm that we are consulting on are:

- Construction of up to 333 wind turbines
- Construction of up to five offshore monitoring masts. The masts collect information such as wind speeds and wind direction
- Construction of up to eight offshore electricity substations, and cables buried in the sea bed to link the wind turbines and the offshore substations.

Although RWE npower renewables has been awarded the rights to develop a wind farm of up to 1,200 MW, it is too early to say how many wind turbines will be installed if the proposal is given consent.

We are currently considering wind turbines which range from around 3.6MW to approximately 8MW. The maximum height of the turbines currently being considered would be in the region of 220 metres. If we used the smallest turbines, up to 333 would be required to produce the maximum 1,200 MW.

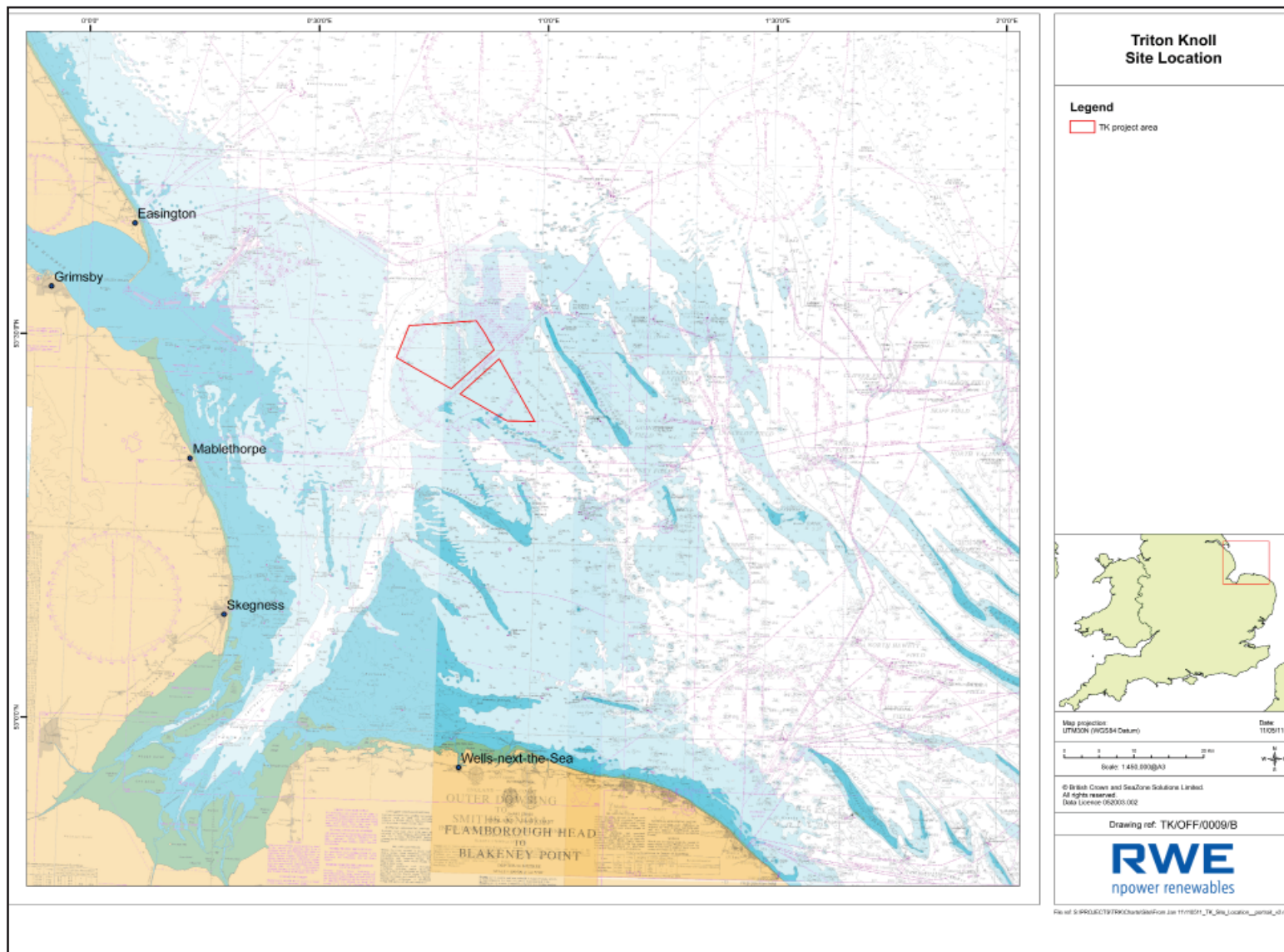
We will need to be flexible in our wind farm design as we do not know which type of wind turbines and foundations would be most suited to

the site and which wind turbines will be available to purchase when we come to construct the wind farm, if we gain planning permission.

If consent is granted, and depending on commercial factors, construction is likely to be completed over a five year period. Triton Knoll Offshore Wind Farm will create a significant number of jobs during it's construction, operation & maintenance and decommissioning.

The wind farm is expected to have an operational life of 25 years. At the end of this period, the turbines will be decommissioned and removed from the site, unless further planning permission is sought.

Site plan



How are we consulting?

Local consultation will take place as described in our SoCC

Throughout the consultation period, the consultation documents will be available at local venues. The locations and opening times can be seen below.

Consultation exhibitions will take place in five venues along the east coast. The events give interested local people the chance to find out more about the plans to develop Triton Knoll Offshore Wind Farm and to formally give their comments on the offshore elements of the wind farm (package 1).

The locations and timings of the public exhibitions are listed on the right. Consultation materials will also be available on our website – www.npower-renewables.com/tritonknoll. Here you can download copies of the full PEI and the PEI non-technical summary free of charge.

If you wish to purchase a copy of the PEI, DVD copies are available for £10 and in hard copy format at a cost of £250.

Public exhibition details

Monday 20 June 2011

2pm – 8pm

Wells Maltings Community Centre,
Straithe Street,
Wells-next-the-Sea
Norfolk, NR23 1AU

Tuesday 21 June 2011

2pm to 8pm

Embassy Theatre
Grand Parade, Skegness
Lincolnshire, PE25 2UG

Wednesday 22 June 2011

2pm to 8pm

Grimsby Town Hall
Town Hall Square
Grimsby, DH31 1HX

Thursday 23 June 2011

2pm – 7pm

Mablethorpe Library and
Community Access Centre
Stanley Avenue,
Mablethorpe, Lincolnshire,
LN12 1DP

Friday 24 June 2011

2pm to 8pm

Easington Community Hall
The Square, Easington
East Yorkshire, HU12 0TU

If you would like this newsletter in larger print, contact us on:
tritonknoll@npower-renewables.com

Venues where documents will be available

Mablethorpe Library and Community Access Centre

Stanley Avenue, Mablethorpe,
Lincolnshire, LN12 1DP
(Mon, Tues & Fri – 9am - 5pm; Wed – 9am - 4pm; Thurs – 9am - 7pm; Sat - 9am - 3pm, Closed Sunday)

Withernsea Library

Queen Street, Withernsea, HU19 2HH
(Closed Mon & Sun; Tues & Fri – 1pm - 5pm, 5.30pm - 7pm; Wed – 1pm - 5pm; Thurs – 10am - 12pm, 1pm - 5pm; Sat – 9.30am - 12.30pm)

Skegness Library

23 Roman Bank, Skegness,
Lincolnshire, PE25 2SA
(Mon – 9am - 5pm; Tues & Wed – 9am - 1pm; Thurs & Fri – 9am - 6pm; Sat – 9am - 3pm; Closed Sun)

Wells-next-the-Sea Library

Station Road, Wells-next-the-Sea,
Norfolk, NR23 1EA
(Mon – 2pm - 7pm; Tues – 9am - 1pm; Wed & Fri – 9am - 6pm; Sat – 9am - 1pm; Closed Sun and Thurs)

Skegness Customer Access Point (East Lindsey District Council)

Skegness Town Hall, North Parade,
Skegness, Lincolnshire, PE25 1DA
(Mon to Fri – 9am - 4pm; Closed Sat and Sun)

Grimsby Library

Town Hall Square, Grimsby,
DN31 1 HG
(Mon to Thurs – 8.30am - 7.30pm; Fri – 8.30am - 5.30pm; Sat – 9am - 4pm; Sun – 10am - 4pm)

How to respond to the consultation

RWE npower renewables is keen for people to respond in writing to our consultation.

You can formally comment by filling in a feedback form, email or write to us with your comments on the proposals. You can find the comments forms at the following locations:

- on our website
- at our exhibitions
- by requesting a form via email

Any responses made must include contact information including a name

and an address to which any correspondence relating to the consultation can be sent.

Your comments may be made public in a Consultation Report. The report will record comments received and explain how the views of consultees have been considered in developing the final application. This report will be submitted to the IPC as part of the Triton Knoll Offshore Wind Farm planning application.

Consultation responses must be received by 5pm on 12th July

Contact us

Write to us: Triton Knoll Offshore Wind Farm, RWE Npower Renewables Limited, Auckland House, Lydiard Fields, Great Western Way, Swindon, SN5 8ZT.

Email: tritonknoll@npower-renewables.com

Website: www.npower-renewables.com/tritonknoll