# nationalgrid





## 30 May 2017

National Grid Viking Link Limited (NGVL) will be holding a series of public information events in June, to provide updates on the progress of its draft proposals for the UK Onshore Scheme.

The UK Onshore Scheme comprises of the installation of underground direct current (DC) cables from the landfall in Boygrift, East Lindsey to a converter station in North Ing Drove, South Holland (to be constructed along with a permanent access road), as well as the installation of underground alternating current (AC) cables from the converter station to the existing substation at Bicker Fen.

The public information events are being held before the project submits its planning applications to the following affected local planning authorities during summer 2017:

- East Lindsey District Council
- Boston Borough Council
- North Kesteven District Council
- South Holland District Council

The events will take place as follows:

- Tuesday, 6 June The Ruby Hunt Centre, Donington, PE11 4UA (12:00pm 8:00pm)
- Wednesday, 7 June Grange & Links Hotel, Sandilands, LN12 2RJ (12:00pm 8:00pm)
- Thursday, 15 June Raithby Village Hall, Raithby, PE23 4DS (12:00pm 8:00pm)

• Friday, 16 June - Stickney Village Hall, Stickney, PE22 8BA (12:00pm - 8:00pm)

Oliver Wood, NGVL Project Director, said: "We thank everyone who provided feedback during our Phase 1 and Phase 2 consultations which took place last year. Feedback received has helped to develop Viking Link.

"Our next round of public information events in June is a good opportunity to find out more about our draft proposals, before we submit our planning applications during the summer. Members of the project team will be available to provide more information and answer any questions."

Viking Link is a proposal to link the British and Danish electricity systems, enabling Great Britain to import and export electricity; provide a secure supply of affordable electricity and help the move towards more renewable and low carbon sources of energy.

The project would involve installing a pair of high voltage, direct current, submarine and underground cables between Revsing in south Jutland, Denmark and Bicker Fen in Lincolnshire, UK. A converter station would also be needed in the Bicker Fen area to change the direct current electricity into the alternating current that is used on land. Underground AC cables would link the converter station to the existing Bicker Fen electricity substation.

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Notes for editors

#### Viking Link

Viking Link is a proposed high voltage direct current (DC) electricity link connecting the electricity systems of Denmark and Great Britain and will run between Bicker Fen, in Lincolnshire, UK and Revsing, Southern Jutland in Denmark. The project is being developed in co-operation between NGVL and Energinet, the Danish electricity transmission system operator.

The interconnector will help provide our country with a secure supply of affordable electricity and help the move towards more renewable and low carbon sources of energy.

It would involve laying a pair of high voltage, DC cables, each approximately 15 centimetres (6 inches) in diameter, between a converter station in each country. The converter stations will change the electricity between direct current and alternating current used in our homes and businesses. NGVL is legally separate from other companies within the National Grid Group.

#### Interconnectors

To meet rising energy demands, National Grid is increasingly looking to join the GB electricity transmission system to other countries' electricity networks via interconnectors. Links with France, known as IFA (Interconnexion France Angleterre), and the Netherlands, known as BritNed, are in operation. In addition, links with Belgium, known as Nemo Link, and with Norway, known as North Sea Link, are under construction. A second link with France, called IFA2, is in development. An interconnector allows countries to exchange power, helping to ensure safe, secure and affordable energy supplies.

An interconnector is made up of two converter stations – one in each country –connected by cables. Converter stations convert electricity between alternating current (AC) and direct current (DC). AC is used on land, to power our homes, businesses and services, while DC is used for sending electricity along the high voltage subsea cables.

# Notes to Editors:

National Grid is pivotal to the energy systems in the UK and the north eastern United States. We aim to serve customers well and efficiently, supporting the communities in which we operate and making possible the energy systems of the future.

## National Grid in the UK:

- We own and operate the electricity transmission network in England and Wales, with day-to-day responsibility for balancing supply and demand. We
  also operate, but do not own, the Scottish networks. Our networks comprise approximately 7,200 kilometres (4,474 miles) of overhead line, 1,500
  kilometres (932 miles) of underground cable and 342 substations.
- We own and operate the gas National Transmission System in Great Britain, with day-to-day responsibility for balancing supply and demand. Our network comprises approximately 7,660 kilometres (4,760 miles) of high-pressure pipe and 618 above-ground installations.
- As Great Britain's System Operator (SO) we make sure gas and electricity is transported safely and efficiently from where it is produced to where it is consumed. From April 2019, Electricity System Operator (ESO) is a new standalone business within National Grid, legally separate from all other

parts of the National Grid Group. This will provide the right environment to deliver a balanced and impartial ESO that can realise real benefits for consumers as we transition to a more decentralised, decarbonised electricity system.

• Other UK activities mainly relate to businesses operating in competitive markets outside of our core regulated businesses; including interconnectors, gas metering activities and a liquefied natural gas (LNG) importation terminal – all of which are now part of National Grid Ventures. National Grid Property is responsible for the management, clean-up and disposal of surplus sites in the UK. Most of these are former gas works.

Find out more about the energy challenge and how National Grid is helping find solutions to some of the challenges we face at <a href="https://www.nationalgrid.com/group/news">https://www.nationalgrid.com/group/news</a>

National Grid undertakes no obligation to update any of the information contained in this release, which speaks only as at the date of this release, unless required by law or regulation.

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