

National Grid Carbon awards contract for its CCS project

National Grid Carbon awards development contract for its CCS transportation and storage project

17 Dec 2014

National Grid Carbon has awarded a contract to Applied Drilling Technology International Limited (ADTI) for the front end engineering design on the wells required for the White Rose CCS project.

This latest contract award is for the design of a shallow water well envelope and special features to make the wells suitable for CO₂ storage. ADTI will also investigate material selection, programming and cost estimation.

Business, Enterprise & Energy Minister Matthew Hancock said:

"We are leading the way in Europe in developing this innovative low-carbon technology. Carbon Capture Storage is an important step towards a cleaner, greener future as well as generating jobs and growth".

Andrew Stannard, CEO of ADTI said

"ADTI is delighted to be involved in this important and high profile project. With its expertise in offshore well construction and previous experience in the Carbon Capture and Storage sector, ADTI is looking forward to working with NGC and the other FEED contractors to successfully deliver the project objectives."

Calum Hughes, from National Grid Carbon said

"ADTI's design work will be an essential element of the project and we are looking forward to working together. This latest contract now means all the main engineering and design work is underway and on schedule".

National Grid Carbon is working with Capture Power Limited, a consortium of Alstom, Drax and BOC on the White Rose project to capture carbon dioxide emissions and store them permanently in the North Sea.

Ends

Contact for media information only

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Notes to editors

National Grid Carbon is working with Capture Power Limited a consortium consisting of Alstom, Drax and BOC to develop the White Rose Project. This is an oxyfuel power and Carbon Capture and Storage demonstration project. National Grid is responsible for the CO₂ pipeline transportation infrastructure and store.

The onshore and offshore pipeline infrastructure will have the capacity to transport up to 17 million tonnes of CO₂ a year with the White Rose project requiring about 2 million tonnes. The CO₂ would then be pumped in liquid form under high pressure into natural rock formations over a kilometre beneath the North Sea seabed for permanent storage.

National Grid is one of the largest investor-owned energy companies in the world and has been named Responsible Business of the Year 2014 by Business in the Community. We own and manage the grids that connect people to the energy they need, from whatever the source. In Britain and the north-eastern states of the US we run systems that deliver gas and electricity to millions of people, businesses and communities.

In Britain, we run the gas and electricity systems that our society is built on, delivering gas and electricity across the country. In the North Eastern US, we connect more than seven million gas and electric customers to vital energy sources, essential for our modern lifestyles.

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Notes for editors

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 <https://www.nationalgrid.com/group/news>

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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