

## Green first for Norfolk: gas from locally sourced crops starts flowing to homes and businesses

National Grid hooks up Future Biogas's new anaerobic digestion facility at Holkham to the gas network

20 Nov 2014

- **Local crops can be turned into enough sustainable gas to fuel up to 2,500 homes and businesses**

Norfolk has a new green source of energy as National Grid has hooked up a new facility to turn local crops into sustainable gas. Built by renewable energy company Future Biogas, the project at Holkham uses a process known as anaerobic digestion to turn locally-grown break crops such as maize and grass into sustainable gas – enough to fuel up to 2,500 homes and businesses on average through National Grid's gas network.

This is the first such biogas facility to connect to the gas network in the county, although over the next eight years National Grid expects to connect up to 80 projects around the country to its gas network. Biogas, made from crops, sewage and other "biomass" can make a significant contribution to keeping energy supplies secure, affordable and green.

Richard Court, head of stakeholder delivery at National Grid, said: "Gas for local homes and businesses from local crops is great news for Norfolk. We're committed to working with customers like Future Biogas to connect their projects to our gas network and ensure we can all benefit from alternative forms of energy like this."

Philipp Lukas, Director of Future Biogas, said: "Having previously constructed two low pressure biomethane injection sites, the Holkham site is a first for us. This high pressure connection presented a range of new challenges for our company, and with the assistance and cooperation of National Grid we were able to complete the project and inject to grid within our programmed timescale and in the most efficient manner possible."

ENDS

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**Photos:**

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**Notes to Editors:**

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.

**National Grid in the UK:**

- We own the high-voltage electricity transmission network in England and Wales, operating it across Great Britain
- We own and operate the high pressure gas transmission system in Britain
- Our gas distribution business delivers gas to 10.9 million homes and businesses
- We also own a number of related businesses including LNG importation, land remediation and metering
- National Grid manages the National Gas Emergency Service free phone line on behalf of the industry - 0800 111 999 (all calls are recorded and may be monitored).
- Our portfolio of other businesses is mainly concerned with infrastructure provision and related services where we can exploit our core skills and assets to create value. These businesses operate in areas such as Metering, Grain LNG Import, Interconnectors and Property. National Grid Carbon Ltd is a wholly owned subsidiary of National Grid. It undertakes Carbon Capture Storage related activities on behalf of National Grid.

**National Grid in the US:**

- National Grid delivers electricity to approximately 3.4 million customers in New England and upstate New York
- We own 3.8 gigawatts of contracted electricity generation, providing power to over one million LIPA customers
- We are the largest distributor of natural gas in northeastern U.S., serving approximately 3.5 million customers in New York, Massachusetts and Rhode Island.

Find out more about the energy challenge and how National Grid is helping find solutions to some of the challenges we face at [www.nationalgridconnecting.com](http://www.nationalgridconnecting.com)

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Notes for editors

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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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