

## Electrifying: National Grid sparks interest in science during school visit in Grays

- National Grid delivers educational energy workshop at a Grays Primary School

15 Dec 2014

- **Pupils learn about past and present means of supplying energy to the area**
- **National Grid currently dismantling disused gasholders in the town to free up land for redevelopment**

Ninety pupils got the lowdown on energy at a special National Grid workshop which explored the subjects of gas and electricity.

National Grid visited Year 4 pupils at Stifford Clays Primary School and delivered a session which was designed to help pupils' understanding of energy and encourage an interest in science. Pupils learned about the role of National Grid in supplying the local area's energy, both at present and historically.

National Grid is currently carrying out work to dismantle the three gasholders on the site at London Road, Grays, and pupils were able to learn about how the gasholders used to supply energy to the local community, as part of the school's autumn term project, 'Our Community'.

Experts from National Grid were on hand to help facilitate the session, answer questions and to stimulate discussion. The team then handed over to education provider, Mad Science, who continued the workshop with the pupils exploring the subject of 'electricity' through a range of materials and exciting interactive demonstrations.

Cathy Hasler, Year 4 teacher at Stifford Clays Primary School, said, "It was a fantastic visit and the Year 4 pupils loved learning more about energy and asking the engineers about the work they did. Our thanks go to National Grid for organising such a fun and informative session."

Keith Johnston, National Grid's Land Regeneration Manager, said "We were thrilled to visit Stifford Clays.

"National Grid is always keen to have a positive impact on the communities in which we work and what better way than to get local schoolchildren excited about science."

Work to dismantle the gasholders – which are no longer needed due to technological improvements – began earlier this year and is due to be completed in spring 2015. The project will free up the site for exciting redevelopment opportunities.

National Grid is carrying out similar projects at its former gasworks sites across the country.

More information on the work can be obtained by contacting the project community relations team who can be contacted by calling freephone: 0800 083 1787 (9am-5:30pm Mon-Fri) or by emailing [nationalgridgrays@communitycomms.co.uk](mailto:nationalgridgrays@communitycomms.co.uk)

Contact for media information only:

**Regional Press Officer South**

**Antony Quarrell**

[www.nationalgridmedia.com/](http://www.nationalgridmedia.com/)

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**07810 853075**

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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

### 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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