CNG Fuels and National Grid unveil first high-pressure grid connected CNG filling station

CNG Fuels and National Grid unveil the UK's first high-pressure grid connected compressed natural gas (CNG) filling station, off junction 28 of the M6, near Leyland, Lancashire

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• The John Lewis Partnership is the first major customer to sign up to use the new facility

• 100% renewable CNG, made from organic waste, dispensed from the high-pressure local transmission system has the lowest carbon footprint of any truck fuel

CNG Fuels, in partnership with National Grid, has unveiled a new state-of-the-art filling station in Leyland, Lancashire today, allowing vehicles to fill up on compressed natural gas (CNG), directly from the high-pressure local transmission system.

Today's unveiling saw the first major customer, Waitrose, part of the John Lewis Partnership, fill up at the new facility, as a fleet of branded HGVs rolled onto the forecourt.

The new facility is the first of its kind in the UK and boasts a high-pressure connection, delivered by National Grid. This key piece of transport infrastructure is capable of refuelling more than five hundred HGVs per day.

Located near to junction 28 on the M6, the CNG filling station will be accessible around the clock, 365 days a year. The facility also supplies 100% renewable biomethane (Bio-CNG) and is an important part of the UK's rapidly growing CNG refuelling infrastructure. The bio-methane is made from waste at anaerobic digestion plants and delivered to the filling station through the National Grid pipeline system.

Waitrose has a regional distribution centre less than one mile from the new CNG filling station and will be its anchor customer.

Philip Fjeld, director at CNG Fuels, said:

"Even though the price of diesel and petrol has recently plummeted, the wholesale price of natural gas has also dropped, and our customers can still enjoy a pump price of CNG at our Leyland station that is more than 30% cheaper than the equivalent price of one litre of diesel.

“Using natural gas also cuts CO2 emissions by more than 20% and if fleets choose to fuel their trucks with Bio-CNG, they will be running on 100% renewable gas.”

National Grid’s network strategy director, David Parkin, said:

“Today’s launch is a proud moment for National Grid and its partners. Located just off junction 28 of the M6, this new facility is ideally located for the transport sector and we expect it to be extremely popular.

“CNG dispensed from a station connected to the local transmission system, is the cheapest fuel available to HGVs, as well as having the lowest well-to-wheel emissions of any fossil-based HGV fuel.

“Whether it’s CNG or Bio-CNG, the benefits for HGVs are clear; lower emissions, quieter engine noise and competitive fuel prices, compared with traditional liquid fuels.”

Justin Laney, central transport general manager for the John Lewis Partnership, added:

“John Lewis Partnership is committed to running a sustainable logistics operation, and the use of low carbon fuels in our vehicle fleet is a key element of that. Our strategy is to displace diesel with bio-methane where practical, and we run one of the largest alternatively fueled heavy truck fleets in the UK to enable us to do that. This filling station is an important step that will help us continue to improve our fleet sustainability.”

View the video here; http://bit.ly/1WkgAWW

 A Waitrose vehicle filling up at CNG Fuel's new facility in Leyland.

Contact for media information only

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Notes for editors

Supplying Biomethane or Bio-Gas

Using the Green Gas Certification Scheme (GGCS) each unit of green gas injected into the grid displaces a unit of conventional gas. So the GGCS tracks each unit of green gas from its injection into the distribution grid to its sale. It tracks the contractual rather than physical flows to ensure there is no double-counting from production to end use.
Leyland CNG Filling Station technical details:
The Leyland CNG station will be accessible around the clock every day of the year.
The station will be equipped with:
• 2 compressors with a combined capacity of close to 4,000 kg/hour
• Cascade storage to ensure fast-fill (typically 3-4 minutes for a full CNG fill)
• 2 HGV refuelling lanes with 4 independent fast-fill refuelling dispensers (2 dispensers to be installed initially, with another 2 to be installed as demand increases)
• 2 dedicated fast-fill CNG trailer loading bays
• Unmanned facility, with CCTV monitoring and remote diagnostics

By utilising the LTS natural gas grid the following benefits are achieved:
• CNG dispensed has the lowest carbon footprint of any natural gas fuel in the UK as the higher pressure in the LTS pipeline, compared to pipelines usually used for CNG stations, mean less electricity is used for compression
• Lower OPEX and maintenance costs at the CNG station, compared to CNG stations operating off the lower pressure natural gas grid, means cheaper CNG for customers
• The use of the local transmission system helps to reduce the emission of greenhouse gas.

CNG Fuels Ltd
CNG Fuels Ltd owns and operates the UK’s largest public access CNG filling station, located in Crewe, Cheshire. The Company has opened the UK’s first high pressure

(LTS) grid connected CNG station, located in Leyland, Lancashire, which supplies HGV fleets with low cost and low emissions fuel. The Company is dedicated to building a network of CNG refueling infrastructure throughout the UK, and fostering the adoption of CNG into HGV fleets.

For more information, visit www.cngfuels.com

The John Lewis Partnership
The John Lewis Partnership - The John Lewis Partnership operates 43 John Lewis shops across the UK (31 department stores, 10 John Lewis at home and shops at St Pancras International and Heathrow Terminal 2), johnlewis.com, 347 Waitrose shops, waitrose.com and business to business contracts in the UK and abroad. It is the UK's largest example of worker co-ownership where all 93,800 staff are Partners in the business.

Green Gas Certification Scheme
The Green Gas Certification Scheme (GGCS) tracks biomethane, or 'green gas', through the supply chain to provide certainty for those that buy it.
Each unit of green gas injected into the grid displaces a unit of conventional gas. So the GGCS tracks each unit of green gas from its injection into the distribution grid, to any trades, to its sale to a consumer, or group of consumers. It tracks the contractual rather than physical flows to ensure there is no double-counting from production to end use.
The GGCS is run by the Renewable Energy Association's subsidiary, Renewable Energy Assurance Ltd. GGCS participants oversee the way it is run, on a not-for-profit basis.

http://www.greengas.org.uk/

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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