

National Grid unveils new truck loading facility at Isle of Grain LNG terminal

New state-of-the-art LNG truck loading facility at Grain offers competitive and greener alternative fuel for road tanker operators.

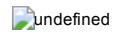
11 Nov 2015

A new state-of-the-art truck loading facility has been unveiled this week at National Grid's Isle of Grain LNG terminal in Kent.

The new loading hub will allow road tanker operators to load liquefied natural gas (LNG) in bulk and transport the fuel directly to LNG filling stations, as well as to industrial and commercial markets throughout the UK and mainland Europe.

The multi-bay facility will be operational around the clock, 365 days a year, initially offering 36 slots for road tankers each day. National Grid has planning permission in place to increase the size of the facility, doubling the amount of bays available from two to four, subject to market demand.

The facility is ideally located close to major UK road networks and boasts quick access to and from continental Europe.



National Grid's new state-of-the-art LNG truck loading facility being used for the first time by road tanker operators.

Simon Culkin, importation terminal manager at Grain LNG, said: "The launch of this new truck loading facility is a key milestone in the terminal's 10 year history. "We are the largest terminal in Europe and the ability to load road tankers is a welcome addition to the many other services we offer here, including the ability to import, store, regasify LNG and both cool down and reload LNG ships."

Simon added: "It is a great time to launch a truck loading facility. We are seeing many key government and market signals lining up to drive the adoption for LNG as a fuel, such as tightening emission regulation and the availability of dedicated technologies, together with the huge demand we have had from our customers and road tanker operators.

"There is a significant amount of world-wide LNG available to meet UK and global gas demand. This, together with the inherent environmental benefits of using LNG compared to diesel for example, makes a compelling case for LNG as a fuel."

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Notes for editors

LNG

Significant environmental and air quality benefits compared to other fossil fuels include; • 20% reduction in CO₂ • 90% reduction in particulates • 35% reduction in NO_x (Nitrous oxides) • 50% reduction in noise pollution

Grain LNG

National Grid's Grain terminal is the largest in the EU, by tank capacity, 1,000,000m³. Grain can deliver up to 20% of UK gas demand each year. Planned expansion includes increased capacity, break-bulk and trans-shipment services. The terminal stores equivalent energy to supply 427,500 UK homes for a year. Prior to 2005 there was a British Petroleum oil refinery on the current site. Grain was a favourite departure point for Queen Victoria when she travelled abroad.

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>

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