National Grid to deliver new equipment to Cilfynydd Substation

Equipment required to upgrade existing infrastructure at Substation

06 Jan 2017

On Saturday 7 January 2017, National Grid will transport and deliver a new 112 tonne shunt reactor to Cilfynydd electricity substation, near Pontypridd.

The shunt reactor, a vital piece of equipment to help take the electricity generated to thousands of homes and businesses, will begin its 230 miles, two-day journey from Goole in Humberside reactor will begin its 230-mile, two-day journey from Goole in Humberside. It'll travel through England using the M1, M42 and M5 motorway network, entering Wales from the M5/M50/A449 link to the M4.

The load will bypass Newport using a designated abnormal load route on the A48. It'll travel past Pontypridd and Abercynon on the A470, continuing eastwards on the A472 towards Nelson. It'll then turn into Llanfabon Road, a narrow lane, to reach CilfynyddSubstation, around 10am, subject to traffic en route.

A special, heavy haulage lorry will transport the shunt reactor. The total load, including lorry and trailer, will weigh 183 tonnes and measure 25 metres long by 5 metres high by 3 metres wide. Due to the size and weight, the lorry will travel between 30mph on the motorways and A roads and 10mph when the lorry leaves the A472 to the Substation.

A private escort and special haulage team will accompany the lorry to ensure the safety of the public. The escort will also be present to manage traffic and to halt traffic if needed along Llanfabon Road on its approach to the Substation. The delivery vehicle will leave the site the following day on Sunday 8 January.

National Grid project engineer, David Shaw, said: "We've worked closely with our partner, heavy-load specialist Collett & Sons Ltd, to plan a safe delivery route. We've also liaised with councils, highways agencies and police forces along the route. There are likely to be some delays on the motorway and on smaller, narrow roads close to the Substation.

"I'd like to thank people for their patience in advance of our work. Letting people know now will give them time to plan their journeys and keep disruption to a minimum.

"If anyone has any questions or concerns, they can contact our Community Relations team on 0800 073 1047. They're available daily from 7am-7pm."

Contact for media information only

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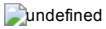
Notes for editors

The lorry route is as follows:

- M62 / M18 / A42 / M42 / M5 / M50 / A40 / A449 / M4 / A48 / M4 / A470 / A472



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.