

New transformer to be delivered to West Weybridge substation in Surrey

A new 143 tonne transformer is being delivered on Friday to West Weybridge substation in Surrey to keep electricity flowing to the county and beyond.

07 Aug 2018

- New transformer to be delivered to West Weybridge substation
- 143 tonne piece of equipment will keep electricity flowing across Surrey and beyond
- Delivery carefully planned to keep traffic moving and hotline set up for enquiries

A big load will take to the road at approximately 7pm on Friday 17 August 2018 as National Grid moves a transformer from Tilbury Docks, Essex, to its West Weybridge substation, Surrey. It is expected to arrive at the substation by 4pm on Sunday 19 August after making a 24 hour stop. This will ensure the delivery can be made on Sunday, when there is less traffic on the road, which will help to reduce disruption.

The equipment which weighs in at 143 tonnes will be installed at the substation to help National Grid continue to deliver electricity to homes and businesses across the South and beyond.

Most of National Grid's substations were built between the 1950s and 1970s and equipment such as transformers need to be replaced to keep them working efficiently. New transformers are also installed to connect new sources of generation or when demand for electricity is growing.

Aleksandra Zefirova, National Grid Project Engineer said: "Our network operates smoothly, safely and efficiently over 99.9999% of the time – a statistic we're very proud of. Millions of people rely on us to supply their electricity without interruption, day in, day out and so it's important that we keep our substations and the equipment in them working efficiently."

The transformer will be carried on a special transporter measuring 68 metres long and 5.3 metres wide. It will travel at around 12 miles an hour and will take the following route:

The transformer will leave Tilbury Docks via the A109 and will travel north until it meets the A13. It will travel along the A13, onto the A1306, and continue until the junction with the A282 towards Queen Elizabeth II Bridge (Dartford Crossing).

Once it has crossed the bridge, it will exit at Junction 1A and re-join the M25 at Junction 2. This is due to a weight restriction between these junctions. The delivery vehicle will arrive at Clacket Lane Services at approximately 4am on Saturday 18 August and will leave at approximately 6am the following day.

The transformer will then exit the M25 at Junction 11 and continue on the A320 south until the roundabout with the turning for the A245. It will follow the A245 and B385 on Woodham Lane, before turning right into Pinewood Grove, left into Parkside and into the substation entrance.

If people have any questions about the delivery, they can ring the National Grid hotline on 0800 019 3235 between 9am and 5.30pm or email info@communityrelations.co.uk.

Contact for media information only

Share this page



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.

Quicklinks

In Media

- > Press Releases
- > Media contacts

Useful National Grid information

United Kingdom

- > Our business
- > Electricity

United States

- > Our business
- > Operating responsibly

- > Gas
- > Operating responsibly
- > Investor factsheets
- > Presentations and webcasts
- > Annual reports
- > Biographies
- > Investor factsheets
- > Presentations and webcasts
- > Annual reports
- > Biographies