

nationalgrid

# Sheffield Cable Replacement

Community e-newsletter

January 2025



## Sheffield Cable Replacement newsletter - issue 1 (January 2025)

Happy New Year and welcome to the first e-newsletter for the National Grid Sheffield Cable Replacement project. We will be producing regular project e-newsletters for the local community to learn more about our work in Sheffield.

### What is the Sheffield Cable Replacement project?

National Grid, through its main works contractor Balfour Beatty will be replacing three 275kV underground cable routes in Sheffield. These routes connect **Pitsmoor substation** located near Carlisle Street East, **Wincobank substation** near to Meadowhall Shopping Centre, and **Templeborough substation** in the Tinsley area.

Some of our cables in Sheffield were installed over 40 years ago and are approaching the end of their lifecycle. This essential work needs to be completed in order to ensure that secure and reliable electricity can be supplied to homes and businesses in Sheffield and the surrounding area.

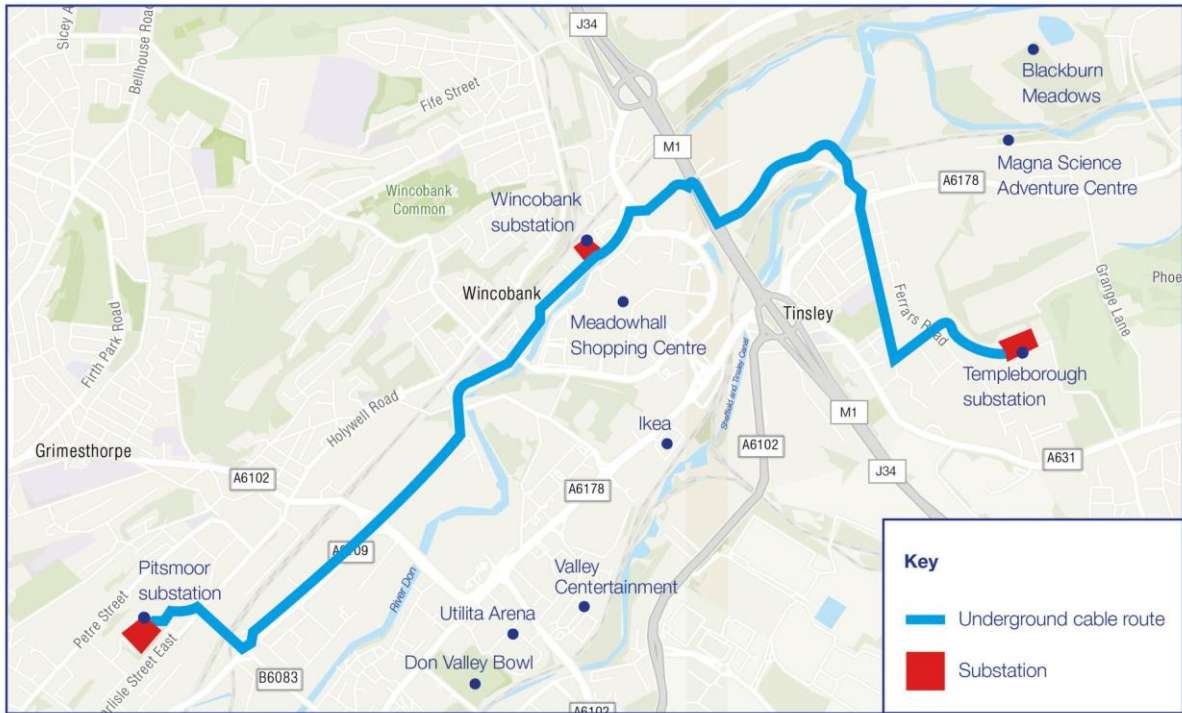
Three cable routes will be disconnected and decommissioned. These connect:

1. Pitsmoor substation to Wincobank substation
2. Wincobank substation to Templeborough substation
3. Pitsmoor substation to Templeborough substation

To replace the three cable routes above, two new cable routes will be installed. These will connect:

1. Templeborough substation to Wincobank substation
2. Wincobank substation to Pitsmoor substation

[Visit the project website to find out more](#)



Above: A map showing the locations of the substations and the new planned cable route.

## Programme update

We wrote to those living and working close to the cable route in December 2024 to provide an update on our project.

Surveys have been underway since 2024 and are expected to be completed in the coming months. Site surveys will ensure that we can carry out the main construction works safely and efficiently.

We currently expect main construction work to get underway in **Summer 2025**. This will involve installing the new cables and decommissioning the old ones, making them more resilient and effective for our communities and will better prepare the network for increasing demand in the future.

The construction work will be carried out in two separate phases by Balfour Beatty. We will first work on the cable route between the Templeborough and Wincobank substations. Following that, we will work on the route between the Pitsmoor and Wincobank substations.

As the majority of the new cables are located under the road network, a lot of our work will be carried out in the highway. There will be traffic management measures in place, such as temporary traffic lights and temporary road closures, to keep road users and our team safe.

Advance notice of construction works will be provided. We will put up road signage near to where we will be working and we will write to those living and working along the cable route. This will allow people to plan their journeys in advance. Updates will also be shared on the project website.



*Above: An image of National Grid's Templeborough substation in Tinsley, Sheffield.*

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## What's happening on the ground?

### Site surveys

Essential site survey work is continuing as we move towards the start of construction.

Our specialist teams have carried out Ground Penetrating Radar (GPR) surveys which use radar technology to assess what is in the ground. These surveys are essential to help us understand what is in the ground.

Other surveys have also been completed along the route, such as ecology surveys to assess local wildlife and ecosystems, and topographic surveys to determine the layout of the land where we will be carrying out works.

### Recently completed surveys

In recent weeks, our construction contractor, Balfour Beatty, has been carrying out preparatory survey works along some parts of the cable route. This has included work in the following areas:

#### **Meadowhall Road and Weedon Street junction - January 2025**

Over a single night, the team carried out survey work at the Meadowhall Road and Weedon Street junction. The work involved a lane closure at the junction and the survey work was carried out successfully.

Vegetation was also cleared in the area. This essential work will ensure that the main construction work can be carried out safely and efficiently.

Further survey work was carried out in this area this week (week commencing 13 January) on a small piece of land adjacent to the junction.



*From left to right: Surveys being carried out on a piece of land adjacent to Meadowhall Road and Weedon Street. A small hole is dug to help us assess what is in the ground. The second image shows the construction team in the same area, clearing some vegetation to allow the safe completion of the essential works.*

### Upcoming surveys

In the coming weeks, we will be carrying out some preparatory survey work in the following areas, which will require some traffic management measures:

#### **Brightside Lane and Weedon Street - week commencing 17 February 2025**

Over four nights during the **week commencing 17 February**, we will be carrying out survey work at the Brightside Lane and Weedon Street junction. The work will involve traffic management measures whilst our construction contractor safely carry out essential surveys, with a three-way traffic light system in place.

We will share more information on the specific dates, and regular updates on upcoming works on the project website, which you can view by [clicking here](#).

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## Enhancing local environments

As part of our commitment to improving ecosystems and green spaces in areas affected by our projects, we are aiming to deliver environmental benefits including biodiversity improvements.

In the areas affected by our projects, we work to ensure that we leave the environment in a better condition. By improving biodiversity, we can improve natural habitats, protect at-risk species, and help to support local green spaces that the community can enjoy.

In early 2024, National Grid committed £120,000 to the **Shire Brook Valley Nature Reserve project**, as part of our commitment to improving ecosystems and green spaces.

With the help of our contribution to the Nature Reserve, a new '[Species Survival Project](#)' was launched in December 2024. This project aims to safeguard local species and habitats from endangerment, increase biodiversity, and tackle the impacts of climate change in the Shire Brook Valley. Chris and Terri from the National Grid project team attended the launch event.

The project is being led by Sheffield City Council, in partnership with Sheffield Hallam University, Sheffield and Rotherham Wildlife Trust, Woodhouse and District Community Forum and the South Yorkshire Sustainability Centre.



*From left to right: An image of woodland at the Shire Brook Valley Nature Reserve which forms part of the Species Survival Project. A second image of green space at the Nature Reserve, with several of the launch event attendees.*

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## Community Grant Programme

National Grid's Community Grant Programme supports community organisations and charities in areas where our work is impacting on local people through our operations and site activities.

The programme provides grants of up to £10,000 to fund projects run by charities and community groups that meet the local community needs by providing a range of social, economic and environmental benefits. To find out about eligibility and how to apply for a grant, please click on the link below.

[Find out more about National Grid's Community Grant Programme](#)

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## Get in touch

You can find out more about the project on our [website](#) where we also share regular updates. We will also provide advance notice of any upcoming work on our website and in this e-newsletter.

If you have any enquiries about the Sheffield Cable Replacement project and would like to speak to a member of our Community Relations Team, you can get in touch with us in a number of different ways:

- Email: [sheffieldcable@nationalgrid.com](mailto:sheffieldcable@nationalgrid.com)
- Freephone: 0808 175 0206 (monitored Monday-Friday, 9am-5pm, with an answerphone facility outside of these hours)
- Freepost: Freepost National Grid SHF Cables (no stamp needed)

If there is anything else you'd like to know about the project that we could include in future editions of this e-newsletter, please get in touch with us. We would be interested to hear your thoughts.

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**Thank you for reading this e-newsletter. We will use this e-newsletter to share regular project updates, keeping you updated with the latest project news and works happening on the ground.**

**The Sheffield Cable Replacement project's Community Relations team**