

Navenby Substation

The way we generate electricity in the UK is changing rapidly, as we transition to cheaper, cleaner and more secure forms of energy like solar farms.

We need to make changes to the network of overhead lines, pylons, cables and other infrastructure that transport electricity around the country, so that everyone has access to the clean electricity from these new renewable sources. Our consultation on a new substation in the area is open from **Wednesday 18 September 2024** to **Wednesday 16 October 2024** and we would like to hear your feedback on the proposals.

The electricity transmission network transports electricity in bulk around the country, from solar farms, wind farms and other sources of generation. It then goes on to separate lower voltage distribution networks, which takes this on to homes and businesses.

In England and Wales, the electricity transmission network operates at high voltage – 400,000 volts (400 kV) or 275,000 volts (275 kV) – and is owned, built and maintained by National Grid Electricity Transmission (NGET). Every time a phone is plugged in, or a switch is turned on, we've played a part in connecting you to the electricity you need.

New substation in the Navenby area

National Grid Electricity Transmission is consulting on proposals to build a new substation in the local area, approximately 1.4km from Navenby, Lincolnshire.

There is a shift towards renewable energy sources, meaning there is a greater demand on our network to connect new sources of electricity and customers. In the Navenby area a large number of organisations have requested new power connections to the national grid network, and as a regulated business, we have a legal obligation to meet these requests.

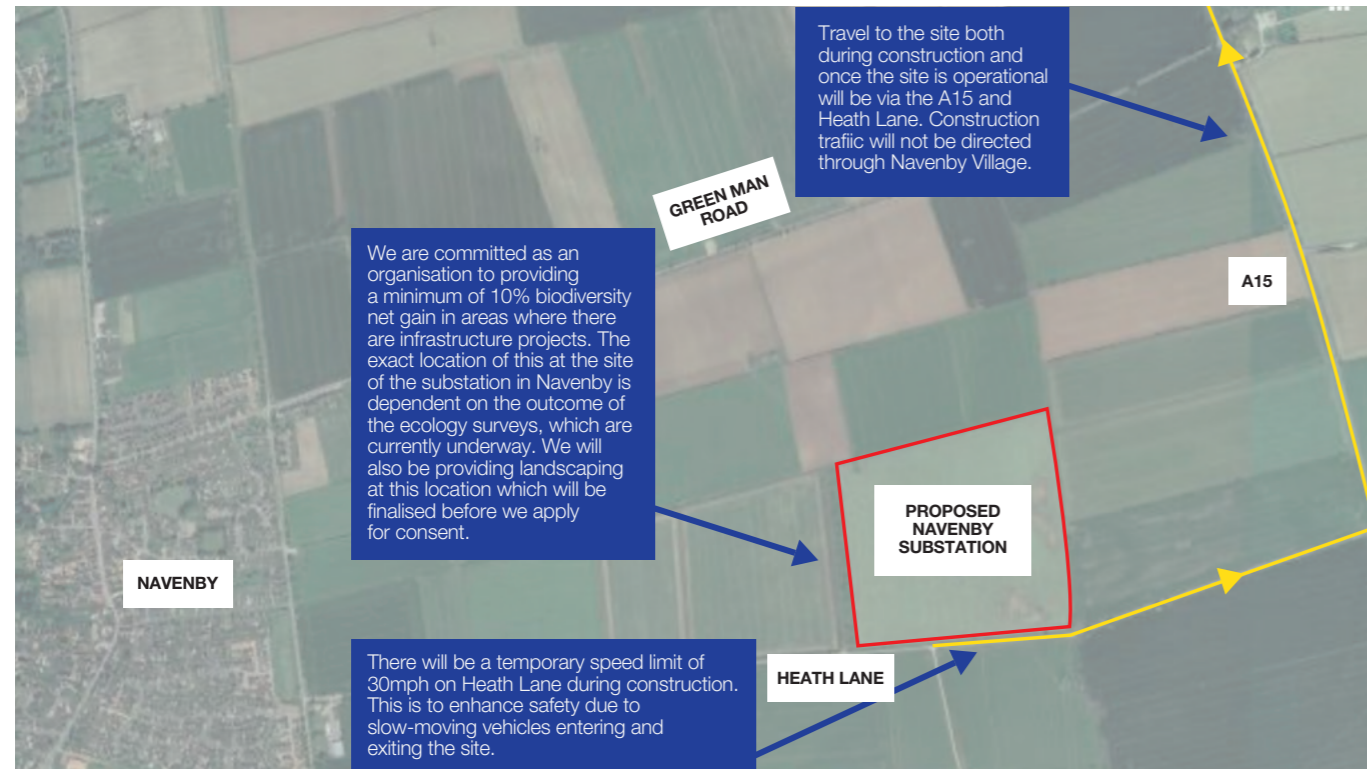
To connect several proposed solar farms in the area, including Springwell Solar and Fosse Green, a new 400 kV substation is needed. It is not possible to connect everything proposed in the area to existing regional substations such as Bicker Fen.

This leaflet provides details of our project and there is an opportunity to provide feedback, which we will consider before submitting our planning application later this year, to North Kesteven District Council.

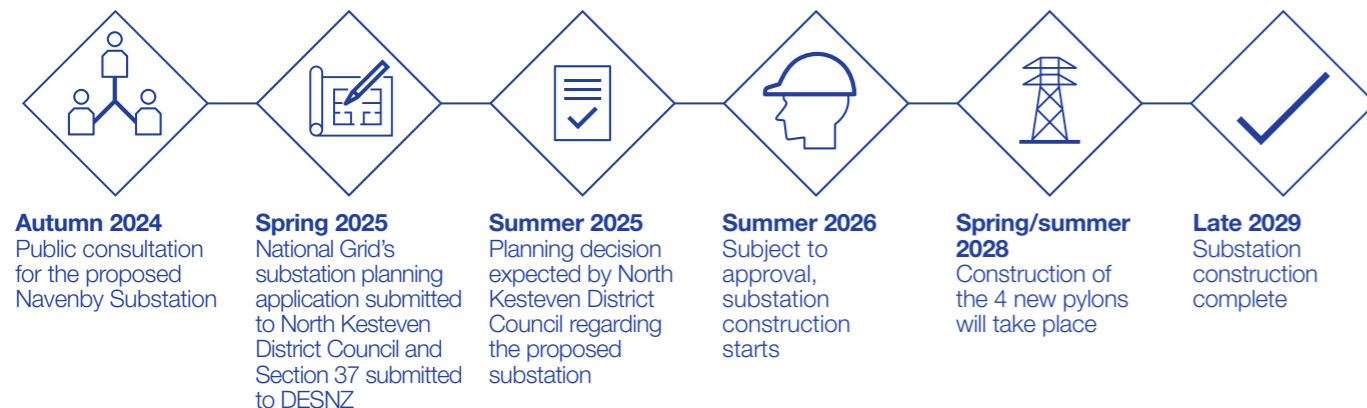
Our substation location

The proposed substation will be located to the north of Heath Lane, with access from Heath Lane. The substation will be set back from the road and cover approximately 32 acres. It will be an 'open air' substation with a maximum height of 15 metres. Four new pylons will also need to be constructed as part of the plans, and two existing pylons will be dismantled.

Travel to the site, both during construction and once the site is operational, will be via the A15 and Heath Lane. Construction traffic will not be directed through Navenby village. There will be a temporary speed limit of 30mph along Heath Lane during construction, this is to enhance safety due to slow-moving vehicles entering and exiting the site. We will provide clear signage to make sure our construction traffic uses the agreed route and we will emphasise to our employees and contractors the special care that they need to take when driving to and from the substation.



Timeline



3D visualisations

How we selected the proposed location

We have identified this site as the best option through a formal substation siting study, where five possible sites were shortlisted. From these five evaluated sites in the local area, a rigorous optioneering process was carried out, taking into consideration the impact on the local community, proximity to the existing

overhead line to reduce the need for new pylons, environmental factors, land availability and other key measures. Through consideration of all of these factors, the site 1.4km from Navenby was selected as the most suitable location.



Biodiversity net gain

National Grid Electricity Transmission are committed to achieving more than 10% biodiversity net gain on the proposed Navenby Substation. To achieve this we will work with local landowners to bring this plan to life, ensuring we leave the environment in a better condition than when construction starts. We will use local knowledge to make sure the biodiversity net gain delivered is the most appropriate and effective for Navenby.



How to take part in our consultation

Your feedback is crucial to help us develop the project. Our consultation is open for four weeks between **Wednesday 18 September 2024** and **Wednesday 16 October 2024**, and is open to anyone with an interest in our proposals. Please provide your comments by either completing the online form available on our website, using the printed feedback

form and sending it back to our freepost address below, emailing, or calling our community relations team. We will also have printed copies of our feedback form available at our in-person consultation event. If you would prefer to receive any information relating to the consultation through the post, or you need it in another format, please get in touch.

Events

We are holding an in-person consultation event on **Friday 27 September 2024 between 3pm-7pm**. Information about our proposals will be on display and members of the project team will be available to talk through our proposals and answer any questions.

There is no need to book; you only need to turn up on the day. The address is:

**The Venue, Navenby,
Lincoln
LN5 0JJ.**

We are also hosting an online webinar session, taking place on **1 October 2024 at 6pm**, where we will present details of our proposal followed by an open Q&A session. We advise that you register for our webinar at least one hour in advance. Details of how to sign up are available on our website.

If you are having any issues signing up, please contact us by emailing **navenby@nationalgrid.com** or calling **0800 3196 183**.

Contact us

Our dedicated community relations team are on hand to answer any questions you may have about the proposals. Please do not hesitate to contact a member of the team on:

0800 3196 183 (Monday to Friday, 9am – 5:30pm)

Email **navenby@nationalgrid.com**

Freepost **GIVEYOURVIEW**
(no stamp or further address required)

To read more about the project, please visit our website or get in touch – all the latest information and consultation materials can be found here: **nationalgrid.com/navenby**

