

Pelham to Rayleigh Overhead Line Reinforcement

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National Grid is planning to upgrade around 100 km of existing high voltage overhead electricity transmission lines between Pelham and Rayleigh.

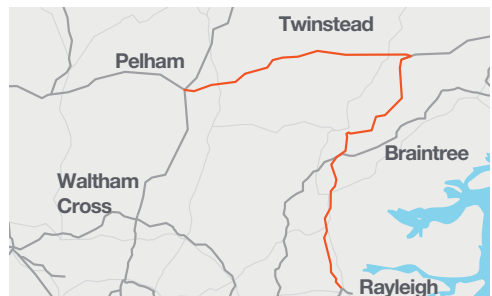
We would like to let you know about our plans to upgrade existing overhead line infrastructure in your local area. The project is in its early stages and we are in the process of contacting affected landowners, with the upgrading expected to begin in 2027.

This work will enable significantly more power to be carried through the existing network. The reinforcement is needed in order to meet increasing energy demand and is supporting The Great Grid Upgrade.

No new pylons will be constructed as part of the Pelham to Rayleigh works.

To ensure we can deliver this essential project without delay, we will need to access our pylons to complete the reinforcement works. We are in the process of contacting affected landowners regarding our planned works, and to seek voluntary agreements.

Please turn overleaf for more details and contact information.



Illustrative Map of the existing transmission lines to be upgraded (in red)

How long will the reinforcement works take?

The upgrading is expected to begin in summer 2027 and be completed by the end of 2028. The work will be phased across different sections of the route to minimise disruption. There will be no interruption to electricity supply during this period.

What can you expect to see?

Temporary access tracks will be laid, and scaffolding will be erected to facilitate the works, with some road closures also anticipated. The work will involve replacing wire conductors, insulators, and fittings to improve the line's capacity to carry cleaner, greener energy.

Why is this project needed?

Much of the east of England's network dates back to the 1960s and lacks the capacity needed to meet future demand. Without the upgrade, the network won't be able to move electricity efficiently from where it's generated to where it's needed, especially beyond 2028. This project is supporting the wider Bramford to Twinstead Reinforcement and contributes towards The Great Grid Upgrade, is strengthening the UK's electricity transmission network and boosting energy security.

Get in touch

Do you have questions about the project?
Contact our Community Relations Team:



Email us

Please send your questions via email, you can send them to **pelhamtorayleigh@nationalgrid.com**



Call us

Freephone **0808 304 0657** Lines are open Monday to Friday 9am – 5.30pm. (An answering service is in place outside of these times)



Visit our website

View the latest updates on our website at: **nationalgrid.com/pelhamtorayleigh** or scan the QR code to the right.

If you think our proposals could affect your land, please contact the Pelham to Rayleigh Land Referencing Team at Savills.

You can call **0800 5677 200** or email **pelhamtorayleigh@savills.com**.

Alternatively, you can write to FREEPOST Pelham to Rayleigh Land.



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