The Great Grid Upgrade
Grimsby to Walpole

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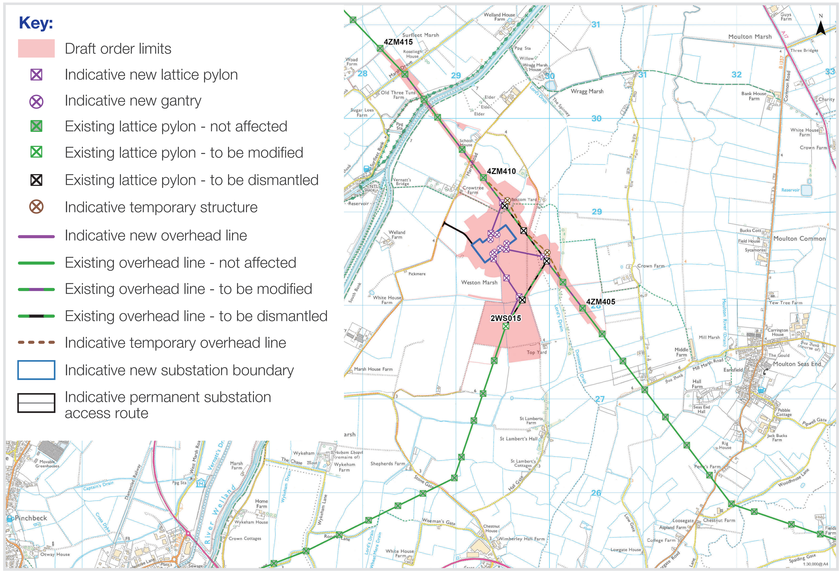
Proposal for an earlier phase of development

We are seeking to deliver part of Weston Marsh Substation A earlier than the rest of Grimsby to Walpole.

This earlier phase of development would connect Outer Dowsing Offshore Wind to the electricity network in 2030, bringing clean, home-grown energy to over 1.6 million homes from its first day of operation.



Plans for early delivery of Weston Marsh Substation A

Pathway to delivery

This earlier phase of delivery would be consented via a planning application submitted to South Holland District Council and a section 37 application for overhead line works submitted to the Secretary of State, as per the Electricity Act 1989.

Completing the proposals for Grimsby to Walpole

Following this earlier phase, construction of Grimsby to Walpole would see further work to Weston Marsh Substation A and the delivery of Weston Marsh Substation B. Works would also include the delivery of associated infrastructure, including new and modified overhead line and new underground cables.

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Project map

During our Grimsby to Walpole Stage 2 consultation, the design and siting of the substation infrastructure in Route section 5 was still being considered.

We are now able to share our more detailed plans for ‘Route section 5: New Weston Marsh Substations A and B’. At this consultation, we are presenting the equivalent level of detail for Route section 5, as was presented for other Route sections of the Project at the Stage 2 consultation.

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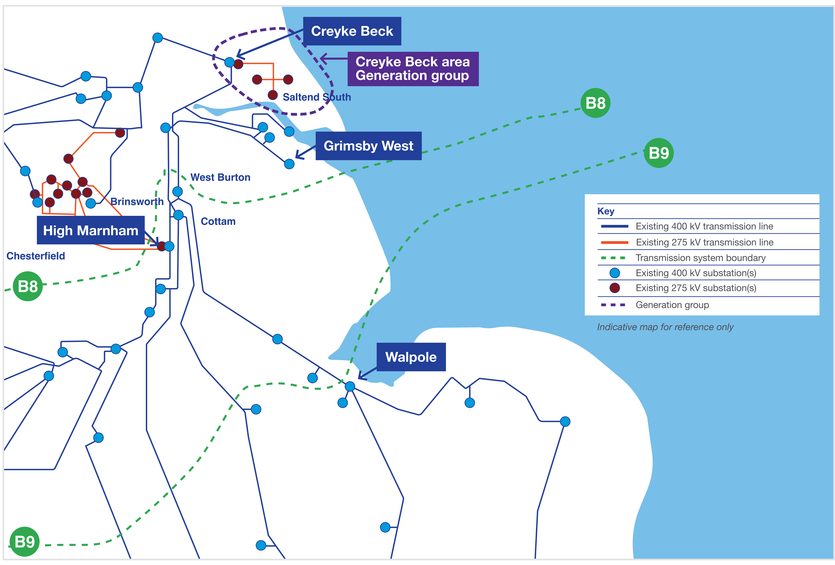
The need

We need to upgrade the transmission network to reliably transport energy from where it is generated to where it is needed.

Grimsby to Walpole will strengthen links between the North, the Midlands and the South so that more home-grown power can reach homes, businesses and public services.



Map showing the B8 and B9 transmission boundaries

Delivering new infrastructure

Upgrading the existing network alone will not solve the capacity challenges or support the extra electricity needed for growing demand. That's why new reinforcements are essential.

Grimsby to Walpole will add a new high-voltage connection, making it easier to bring more energy into the network.

Why does the network in this region need upgrading?

- small-scale change isn't enough
- demand for energy is rising
- how we generate electricity is changing

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Construction

Should permission be obtained for the earlier phase of development, we expect construction of Weston Marsh Substation A to start in 2028 and be completed by 2030.

The remainder of Route section 5 would commence slightly later in 2029, to be fully operational in 2033, along with the entire Grimsby to Walpole Project.

The construction phase would involve a range of temporary activities, including:

- Working areas for construction
- Site offices and storage
- Crossing points across watercourses
- Construction vehicular accesses and haul roads
- Temporary diversions of public rights of way

Managing and mitigating effects

Feedback from this consultation, along with outputs from our ongoing technical and environmental assessments, will help us to further refine our proposals for Route section 5.

Protecting the environment

Our environmental and technical assessments consider the potential effects on local communities and the environment during periods of construction, such as traffic, noise, dust, and impacts from other projects. Through this work, we are identifying mitigation measures to seek to avoid, reduce, or mitigate these potential impacts.

Biodiversity net gain (BNG)

BNG ensures that the environment is left in a better state after construction than it was before the work started.

We have committed to achieving a minimum of 10% biodiversity net gain for new major projects and are collaborating with regional and local partners to identify BNG opportunities.