

**The Great Grid Upgrade**

Grimsby to Walpole

# Guide to interacting with our consultation plans



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# 1. Introduction

- 1.1.1 This document has been produced by National Grid Electricity Transmission (NGET) to provide guidance on interacting with our consultation plans during our Route section 5 Weston Marsh targeted (statutory) consultation for Grimsby to Walpole (the Project).
- 1.1.2 Following engagement with energy generators, and ongoing surveys, design for 'Route section 5 – New Weston Marsh Substations A and B' have now been prepared for consultation, as part of the DCO planning process.
- 1.1.3 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 Stage 2 consultation.
- 1.1.4 Proposals include an early delivery phase that would allow part of Weston Marsh Substation A to be built ahead of the rest of Grimsby to Walpole. This approach, progressed under the Town and Country Planning Act (TCPA) and Section 37 of the Electricity Act would enable the connection of the Outer Dowsing Offshore Wind Farm by 2030. Alongside this, the Project will continue through the Development Consent Order (DCO) process for completion by 2033.
- 1.1.5 Our consultation runs from noon on Tuesday 18 November until 11.59pm on Friday 19 December 2025
- 1.1.6 To help explain and visualise our proposals for the Project, we have prepared a series of documents, including plans and drawings. This guide provides more detail about the plans that are available and what is shown in each plan.

## 2. What are the consultation plans?

- 2.1.1 We have prepared a series of plans to support the consultation, to help people understand our proposals and how they may be affected.
- 2.1.2 Whilst the plans illustrate many aspects of the Project, they do not explain the rationale for the design. This can be found in the Supplementary Design Development Report for Section 5 which has been published to accompany our consultation. The consultation documents also include the Supplementary Preliminary Environmental Information Report (SPEIR) which sets out the preliminary findings relating to proposed works within Route section 5 from the environmental studies and assessments we are carrying out to develop our proposals.
- 2.1.3 In accordance with normal practice, it should be noted that all plans published in support of the consultation are based on typical and indicative designs. They have been produced to give respondents to the consultation a general understanding of the Project and to help inform feedback. The designs are likely to change in response to consultation feedback, ongoing designs, surveys, and environmental assessment. The application for development consent will contain an updated design (and accompanying set of plans), although it should be noted that even at that stage flexibility will be retained through Limits of Deviation (LoD) described below.

## 3. List of documents and drawings

- 3.1.1 The standalone plans and drawings published to support our consultation are listed below:

Table 3.1 – List of Plans and Drawings

| Title   | Description   |
|---|---|
| Overall Location Plan                               | <p>Allows the user to locate the Project within its regional context. It shows the proposed new overhead line alignment and the locations of proposed substations, as well as existing overhead lines that will be reconducted, dismantled or modified. It also shows some existing substation locations and existing overhead lines that will form part of the Project. It also shows local authority boundaries.</p> <p>An overall location plan is not available for the first phase of construction at Weston Marsh Substation A.</p>   |
| Consultation Plans<br>Master Key Plan               | <p>Allows the user to locate the Project and shows the Draft Order Limits. It shows an index of the Route sections to enable the user to navigate to the relevant specific set of plans of interest to them. It also shows local authority boundaries.</p>  |
| Consultation Plans<br>(DCO)                         | <p>These plans provide a detailed overview of our proposals for Route section 5, divided over multiple sheets at 1:2,500 scale. This scale has been used to provide the specific location of the permanent assets and construction, operation and maintenance areas, while also providing as much context of the surrounding area as possible.</p> <p>A key plan is also included for Route section 5 to help users quickly locate an area or sheet of interest along the length of the Project.</p> <p>The plans are ordered from North to South. The plans include the Proposed Overhead Line Alignment (encompassing indicative locations for lattice pylons and overhead lines), proposed locations and site boundaries for new substations, as well as the Draft Order Limits. The plans also show indicative temporary structures and areas for construction activities, existing lattice towers to be modified, and existing overhead line to be reconducted or to be dismantled. A full list of all key features of the project which are included in the Consultation Plans is provided in Tables 5.1 and 5.2.</p> |
| Consultation Plans<br>(Early delivery phase – TCPA) | <p>These plans provide a detailed overview of our proposals for an early delivery of part of Weston Marsh Substation A, divided over multiple sheets at 1:2,500 scale. The scale has been used to provide the specific location of the permanent assets and construction, operation and maintenance areas, while also providing as much context of the surrounding area as possible.</p> <p>A key plan is also included for this early delivery phase to help users quickly locate an area or sheet of interest along the length of the plans.</p>  |

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|  | <p>The plans are ordered from North to South. The plans include the Proposed Overhead Line Alignment (encompassing indicative locations for lattice pylons and overhead lines), proposed locations and site boundaries for new substations, as well as the Red Line Boundary. The plans also show indicative temporary structures and areas for construction activities, existing lattice towers to be modified, and existing overhead line to be reconducted or to be dismantled. A full list of all key features of the project which are included in the Consultation Plans is provided in Tables 5.1 and 5.2.</p>   |
| Substation Site Layout Plans (DCO)                         | <p>These plans show the proposed new substations, the equipment within the substation site boundaries, and the associated works taking place in the area around the substations in more detail than the Consultation Plans at 1:1500 scale. This includes the substations themselves and their internal layouts, construction compound areas, access road locations, the arrangement of the overhead line connections and underground cabling, environmental mitigation areas, and details of any demolition or modification to existing substations and overhead lines. These plans are included within the SPEIR.</p> |
| Substation Site Layout Plans (Early delivery phase – TCPA) | <p>These plans show the proposals for an early delivery of Weston Marsh Substation A, the equipment within the substation site boundaries, and the associated works taking place in the area around the substation in more detail than the Consultation Plans at 1:1500 scale. This includes the substation itself and its internal layout, construction of compound areas, indicative drainage, access road locations, the arrangement of overhead line connections, environmental mitigation areas, and details of any demolition or modification to overhead lines.</p>  |

## 4. What do the plans show?

### 4.1 The Proposed Alignment

- 4.1.1 Certain consultation plans use the term 'Proposed Alignment' when describing the proposed route.
- 4.1.2 The Proposed Alignment is a concept used to help communicate the potential route of the Project and has been developed as a result of feedback received during our non-statutory consultation in 2024, our Stage 2 (statutory) consultation in 2025, ongoing engineering design and environmental assessment work to date.
- 4.1.3 The Proposed Alignment shown on these consultation plans is subject to change following consideration of consultation feedback and ongoing design development.
- 4.1.4 Moving forward, NGET will not be seeking approval, through the development consent order process, for a specific alignment (including fixed pylon locations). Approval will instead be sought to construct the Project within parameters known as Limits of Deviation (LoD) [See section 4.4].

### 4.2 Draft Order Limits (DCO only)

- 4.2.1 The Draft Order Limits form the boundary of the entire area within which the Project could take place, including temporary and permanent works as well as works to the existing infrastructure.
- 4.2.2 The Draft Order Limits are shown as a solid red line.

### 4.3 Red Line Boundary (Early delivery phase - TCPA only)

- 4.3.1 The Red Line Boundary forms the area within which the early delivery phase of Weston Marsh Substation A will take place, including temporary and permanent works as well as works to existing infrastructure.
- 4.3.2 The Red Line Boundary is shown as a solid red line.

### 4.4 Limits of Deviation

- 4.4.1 LoD represent the maximum deviation for permanent infrastructure. The LoD allow for the adjustment to the final positioning of the Project features to avoid localised features or unknown or unforeseeable issues that may arise following further survey and assessment work.

## 5. Key features

5.1.1 Other key features shown on the consultation plans and drawings are summarised in the following tables:

Table 5.1 – Permanent key features

| Permanent key features  | Overview  |
|---|---|
| Indicative zone for permanent assets                            | Shows the indicative zone within which permanent assets (including those listed below) would be located.  |
| Indicative new lattice pylon                                    | Shows the indicative position of proposed new lattice pylons, which are structures that support the overhead line conductors (electrical wires). There are two key types of lattice pylon: suspension (where the conductors are simply suspended from the pylon) and tension/angle (where the overhead line changes direction). |
| Indicative new gantry   | Shows the indicative position of proposed new gantries, which are structures supporting electrical equipment (typically up to 15 m in height) that serve as a transition point from overhead line equipment to equipment in a substation.   |
| Indicative new overhead line                                    | Shows the indicative position of the new proposed overhead line, which comprises of conductors (wires) carrying electric current that are strung from pylon to pylon. This marks the centreline of the overhead line alignment and links the indicative pylon locations.  |
| Existing lattice pylon (to be modified/dismantled/not affected) | Shows the position of existing lattice pylons, including those that would be modified as part of the Project, those which would be dismantled and those not affected by the proposals.  |
| Existing overhead line (to be modified/dismantled/not affected) | Shows the position of existing overhead line alignments, including those that would be modified as part of the Project, those which would be dismantled and those not affected by the proposals.  |
| Indicative permanent substation access route                    | Shows the location of the permanent access route which will be installed between the new substations and the existing road network.   |
| Indicative environmental mitigation                             | Shows areas within the Draft Order Limits where environmental mitigation is proposed. This may include vegetation for visual screening, or areas for habitat replacement or enhancement.  |
| Indicative new underground cable centreline (DCO only)          | Shows the location of the centreline of any proposed new underground cable. New underground cables would follow the route of this centreline, but due to the width of cable   |



|                                    |   |
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|                                    | installations the cables themselves may be located on both sides of this centreline within a certain swathe width.                              |
| Indicative new substation boundary | Shows the outer boundary of the proposed new substation sites within which all permanent assets associated with the substation will be located. |

Table 5.2 – Temporary key features

| Temporary key features                             | Overview  |
|--|---|
| Draft Order Limits (DCO only)                      | The outermost boundary of all works required for the Project and within which all temporary and permanent works under the Development Consent Order will take place   |
| Red Line Boundary (TCPA only)                      | The outermost boundary of all works required for the early delivery phase of Weston Marsh Substation A, including all temporary and permanent works.  |
| Indicative zone for temporary construction works   | Shows the indicative zone within which temporary assets (including those listed below) would be located.  |
| Indicative temporary structure                     | Shows the location of temporary support structures to be used for temporary diversions of existing overhead lines. These could either be temporary masts or temporary pylons.   |
| Indicative temporary overhead line                 | Shows the proposed alignment of temporary diversions to existing overhead lines, which similar to permanent overhead lines will comprise of conductors strung between temporary structures.   |
| Indicative access route - stone                    | Shows the location of temporary access routes which will be used for construction activities for the Project. These accesses are proposed to comprise of stone roads and will be used for larger construction activities and transport of materials.            |
| Indicative access route - trackway                 | Shows the location of temporary access routes which will be used for construction activities for the Project. These accesses are proposed to comprise of trackway panels and will be used for smaller construction activities with smaller plant and equipment. |
| Indicative visibility splay                        | Areas near junctions between the public highway and the construction access routes where visibility needs to be maintained for vehicles to manoeuvre. This typically involves vegetation management to ensure appropriate visibility.                           |
| Indicative area for temporary highway improvements | Areas along the public highway within which works will be undertaken to improve the road during construction, for example with the installation of passing places.  |

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| Indicative pylon working area                               | Areas around the indicative locations of pylons within which the construction works to assemble and erect the pylons will take place, typically consisting of a stone working area.  |
| indicative pylon stringing position                         | Areas located at tension and terminal pylons where space will be required to use specialist machinery to install conductors along lengths of the overhead line route, typically consisting of an area of trackway panels with space for the machinery and conductor drums. |
| Indicative crossing protection work area                    | Areas within which structures (typically scaffolding) or other protective equipment will be temporarily installed to protect existing assets from the construction works, for example roads or railways.   |
| Indicative construction compound                            | Areas within which parking, welfare facilities, and plant and material storage will be provided during construction for the substation and overhead line works.  |
| Indicative statutory undertaker works                       | Areas within which works will be undertaken to underground, modify, or protect Statutory Undertaker assets, for example low voltage distribution network overhead lines.   |
| Indicative sustainable drainage system basin                | Shows the location of sustainable drainage basins which may be installed during construction to manage the drainage of water from the construction areas.  |
| Indicative outfall  | Shows locations where drainage systems installed during the construction works will discharge into nearby watercourses.  |
| Indicative outfall pipes                                    | Shows the location of pipes which will run between sustainable drainage basins and outfall locations.  |
| Indicative underground cable construction swathe (DCO only) | Areas within which construction activities to install underground cables will be undertaken.   |

## 6. How can I view the consultation plans?

- 6.1.1 The consultation plans are available to view online at our Project website: [nationalgrid.com/g-w](https://nationalgrid.com/g-w).
- 6.1.2 Printed copies of key consultation materials are available free of charge on request by emailing [contact@g-w.nationalgrid.com](mailto:contact@g-w.nationalgrid.com) or by calling 0808 258 4395. Some detailed technical documents may be subject to a printing charge.
- 6.1.3 Paper copies of key consultation materials (the Weston Marsh targeted consultation document, Community newsletter, and Feedback form) are available to take away at two local information points close to the proposed route alignment during the consultation period. Reference copies of the Weston Marsh targeted consultation approach document and Non-technical summary of the SPEIR are also available to view at these locations.
- 6.1.4 All consultation documents are available to view online, and at our events.

## 7. How can I provide feedback using the consultation plans?

- 7.1.1 We encourage everyone to take time to review our proposals, get in touch with any questions, and respond by 11:59pm on Friday 19 December 2025.
- 7.1.2 Feedback can be provided in several ways:
- **Online:** Complete the feedback form available on our Project website: [nationalgrid.com/g-w](https://nationalgrid.com/g-w).
  - **Email:** Send your comments to [contact@g-w.nationalgrid.com](mailto:contact@g-w.nationalgrid.com).
  - **Post:** Write to us at Freepost G TO W (no stamp or further address details are required).
  - **Phone:** Call us on freephone 0808 258 4395. Lines are open Monday to Friday 9am–5pm, with an answerphone facility taking messages outside of these hours.
  - **In-person:** Attend one of our public information events or visit a local information point to collect a feedback form.



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