

A young person with dark curly hair, wearing a white t-shirt and dark shorts, is hiking on a dirt path in a forest. They are wearing a black backpack and looking upwards with a thoughtful expression. The forest is lush with green foliage and tall trees. Another person is partially visible behind them on the path.

Yorkshire Green Energy Enablement (GREEN) Project

Guide to interacting with our consultation plans

October 2021

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Introduction

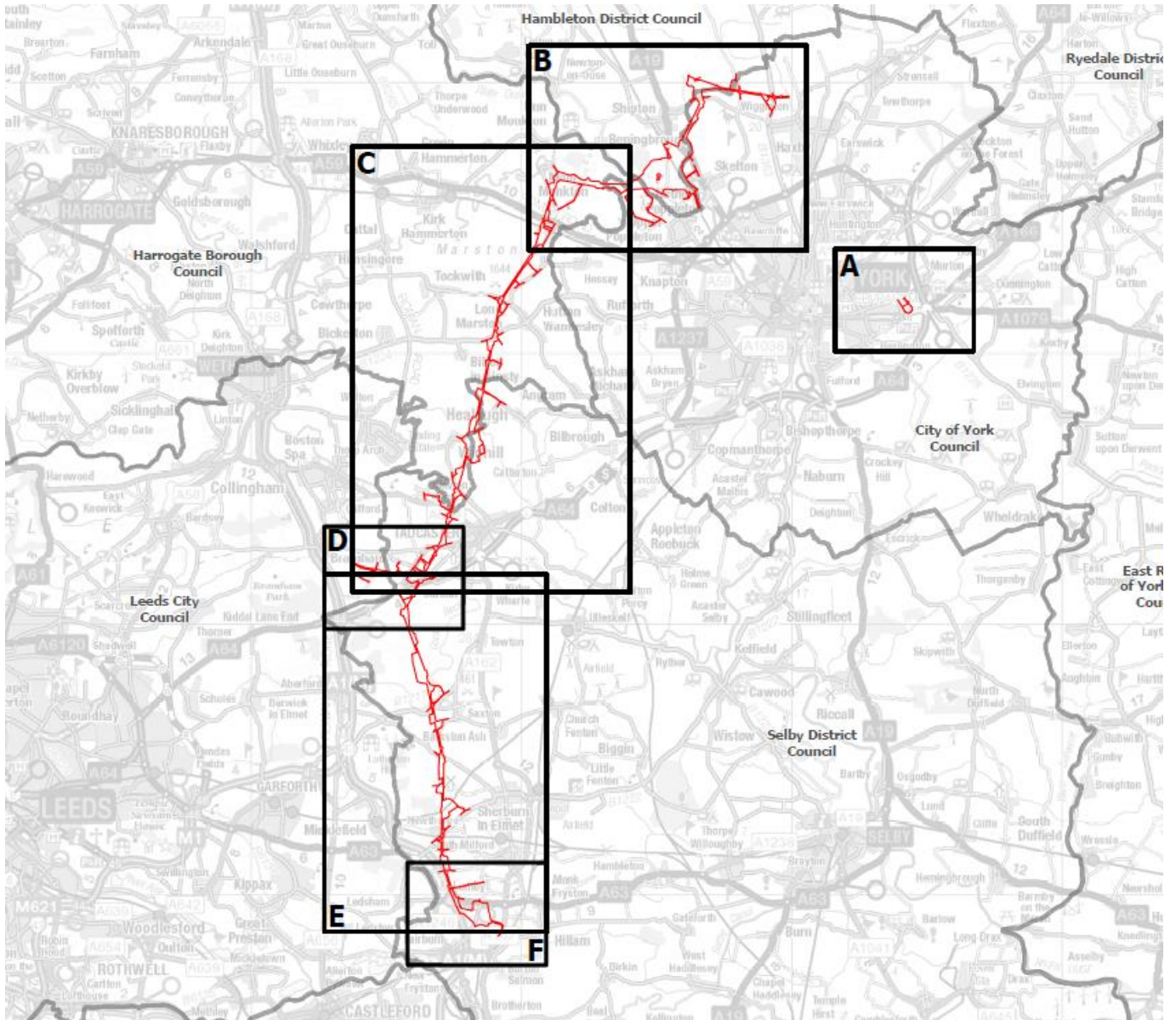
This document has been produced to provide guidance on interacting with our consultation plans during the statutory consultation for the Yorkshire Green Energy Enablement (GREEN) Project. The statutory consultation is running from **Thursday 28 October** until **Thursday 9 December 2021**.

What are the consultation plans?

To help guide your feedback during this statutory consultation, we have divided the Project into six sections – three areas where we are proposing to build new infrastructure and three areas where we are proposing to replace or upgrade existing infrastructure.

Areas for new development	Areas with works to existing infrastructure
Section B – North west of York	Section A – Osbaldwick substation
Section D – Tadcaster	Section C – Reconductoring north of Tadcaster
Section F – Monk Fryston substation	Section E – Reconductoring south of Tadcaster

Figure 1 – Master key to section identification plan



To help inform you of our detailed design, and assist you in providing feedback, we have produced a series of consultation plans showing each section in more detail. Each section is broken down into a number of different sheets (or maps), which cover the geographical extent of each section, allowing you to identify areas of interest to you.

How many plans have we produced?

In total, we have produced 27 consultation plans across the six sections described below:

- Section A: Osbaldwick substation: One sheet in total
- Section B: North west of York: Six sheets in total

- Section C: Reconductoring¹ north of Tadcaster: Nine sheets in total
- Section D: Tadcaster: Two sheets in total
- Section E: Reconductoring south of Tadcaster: Seven sheets in total
- Section F: Monk Fryston substation: One sheet in total

An ‘Overall Location Plan’ and ‘Master Key Plan’ have also been created to help illustrate the geographical areas of interest and a summary of infrastructure proposed for the Project.

What do the plans show?

The consultation plans show the relevant aspects of new infrastructure proposed in each section (A-F) within the Project’s draft Order Limits. These limits form the boundary of the entire area within which Yorkshire GREEN could take place, including temporary and permanent works as well as the works to the existing infrastructure. They represent the current anticipated maximum extent of land within which Yorkshire GREEN may take place.

Within the draft Order Limits, parameters known as Limits of Deviation (LoD) are set out. These incorporate a proportionate degree of flexibility into the design so that unforeseen issues, that are encountered following consent can be dealt with. For example, previously unidentified poor ground conditions may require a pylon to be moved slightly for geotechnical reasons, such as ground stability. These limits will set specific parameters to moving infrastructure on the ground as well as control changes to the vertical height of the infrastructure.

The consultation plans show the areas we are currently proposing the site new infrastructure, including the indicative locations for the following elements.

New infrastructure	Definition
Pylons	Structures used to carry overhead electrical conductors, insulators and fittings.
Gantries	An overhead bridge-like structure supporting electrical equipment,
Full line tension gantries	Types of gantries used to enter a substation or sealing end compound where the distance from the next nearest pylon is large.
Overhead lines	Conductors (wires) carrying electric current, strung from pylon to pylon.
Substations (and the boundary required)	Electrical equipment in an electric power system through which electrical energy is passed for transmission, transformation, distribution or switching.
Access routes and points from the public highway	Access routes to construction working areas implemented prior to any works commencing to provide suitable access for

¹ Reconductoring is a term that refers to the replacement of old conductors (wires), insulators, earthwires, etc. on an existing overhead line.

	construction plant and traffic. This includes points from the public highway that can be used to access these areas.
Cable sealing end compounds	Electrical infrastructure used as the transition point between overhead lines and underground cables. A compound on the ground acts as the principal transition point.
Underground cabling	An insulated conductor carrying electric current designed for underground installation. Underground cables link together two cable sealing end compounds.
Construction compounds	Temporary compounds installed during the construction phase of the Project. Each compound is likely to contain storage areas including laydown areas and soils storage and areas for equipment and fuel, drainage, generators, car parking and offices and welfare areas (portacabins).
Temporary overhead line diversions and pylons	Temporary diversions of existing overhead line to ensure electricity flows are maintained at all times during construction of the Project. These typically comprise a short section of overhead line with temporary structures or pylons which electricity flows are diverted along.
Visibility splays	Areas of tree/vegetation removing, typically where access points are to enable a driver to see down the road and know when the road is clear.
Stringing positions	Areas used for stringing/installing new electrical equipment, such as wires and conductors on pylons.

The plans also show the locations of relevant works to existing infrastructure in each section (A-F), including the location of:

- Existing pylons to be modified, dismantled, or not affected by works to the Project.
- Existing overhead lines to be replaced, modified, dismantled, or not affected by works to the Project.
- Existing gantries to be modified or dismantled.

In addition to the location of new infrastructure and works to existing infrastructure, the plans also show indicative areas for:

- Permanent works – the permanent working area required to build the Project in that area and host the relevant infrastructure.
- Temporary construction areas – the additional temporary construction space required to build the Project in that area.

How can I view the consultation plans?

You can come and visit us at one of our public consultation events and view our consultation plans in person. They are also available on our website (nationalgrid.com/yorkshire-green) or in hard copy on request. We can also provide a USB device free of charge.

How can I provide feedback using the consultation plans?

Your views are important to us and will help shape our plans as our Project develops further. We welcome your feedback on all aspects of our detailed design, including any geographical areas of interest.

You can provide your feedback through the following channels:

- **Online:** Fill in our questionnaire at nationalgrid.com/yorkshire-green.
- **In hard copy:** Visit us at one of our events to collect a hard copy feedback questionnaire, which can be completed and handed to the team.
- **By email:** You can send your comments or scanned electronic copies of our feedback questionnaire to yorkshiregreen@communityrelations.co.uk.
- **By post:** You can send your hard copy questionnaire or comments to: **FREEPOST YORKSHIRE GREEN CONSULTATION** (please write this in capitals and you do not need a stamp).

Our feedback questionnaire includes questions on the six sections (A-F). You can fill in the whole form, or you may only wish to fill in the sections that specifically relate to you. We'd like to know if there are any other issues you think are important and that we should consider and, importantly, why.

You can use the consultation plans to identify key geographical areas of interest along with the proposed new infrastructure and works to existing infrastructure in each section. You can then provide your feedback in the relevant section of the feedback questionnaire.

We have also produced an interactive map to help you interact with our proposals. This map shows sections A-F and allows you to interact with our plans online by inputting a postcode/address and locate geographical areas of interest. You will also be able to provide feedback using the online feedback questionnaire.

If you have any questions about our proposals for Yorkshire GREEN or require assistance with interacting with our consultation plans, please contact us using the details below:

- Email: yorkshiregreen@communityrelations.co.uk
- Freephone: **0800 029 4359**

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