

Introducing the

# Yorkshire Green Energy Enablement (GREEN) Project

Spring 2021



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**nationalgrid**



## The Yorkshire Green Energy Enablement (GREEN) Project will allow cleaner energy to flow into homes and businesses that need it in Yorkshire and beyond. It will provide a new connection and reinforcement on the electricity transmission system, whilst supporting ambitious Net Zero targets.

Investing in our network will help ensure we can all benefit from the increasing generation of green energy from offshore windfarms in the North Sea and energy coming from other countries.

This newsletter sets out our plans in your area, explains where you can find more information, and invites you to get involved in the public consultation on our proposals.

## The energy challenge

**We have a critical part to play in tackling climate change.**

The UK is leading the way and the Government has already passed legislation to commit to achieving Net Zero emissions by 2050, with a target of 40GW of electricity to come from offshore wind by 2030 - enough to power every home in the UK. At the same time, the Climate Change Committee expects electricity demand could more than double within the next 30 years.

As a country, we recently broke the record for the longest period without burning coal since 1882 – and for the first time, we are now using more energy from renewables than from fossil fuels.

Delivering a healthier, greener future for Great Britain will require significant upgrades to our energy infrastructure.

We need to build Yorkshire GREEN to respond to the massive increase in clean energy that is coming on to the transmission system. We are committed to developing the Project in a fair way for people in this area, while keeping energy bills as low as possible for everyone.

## Why we need the Yorkshire GREEN Project

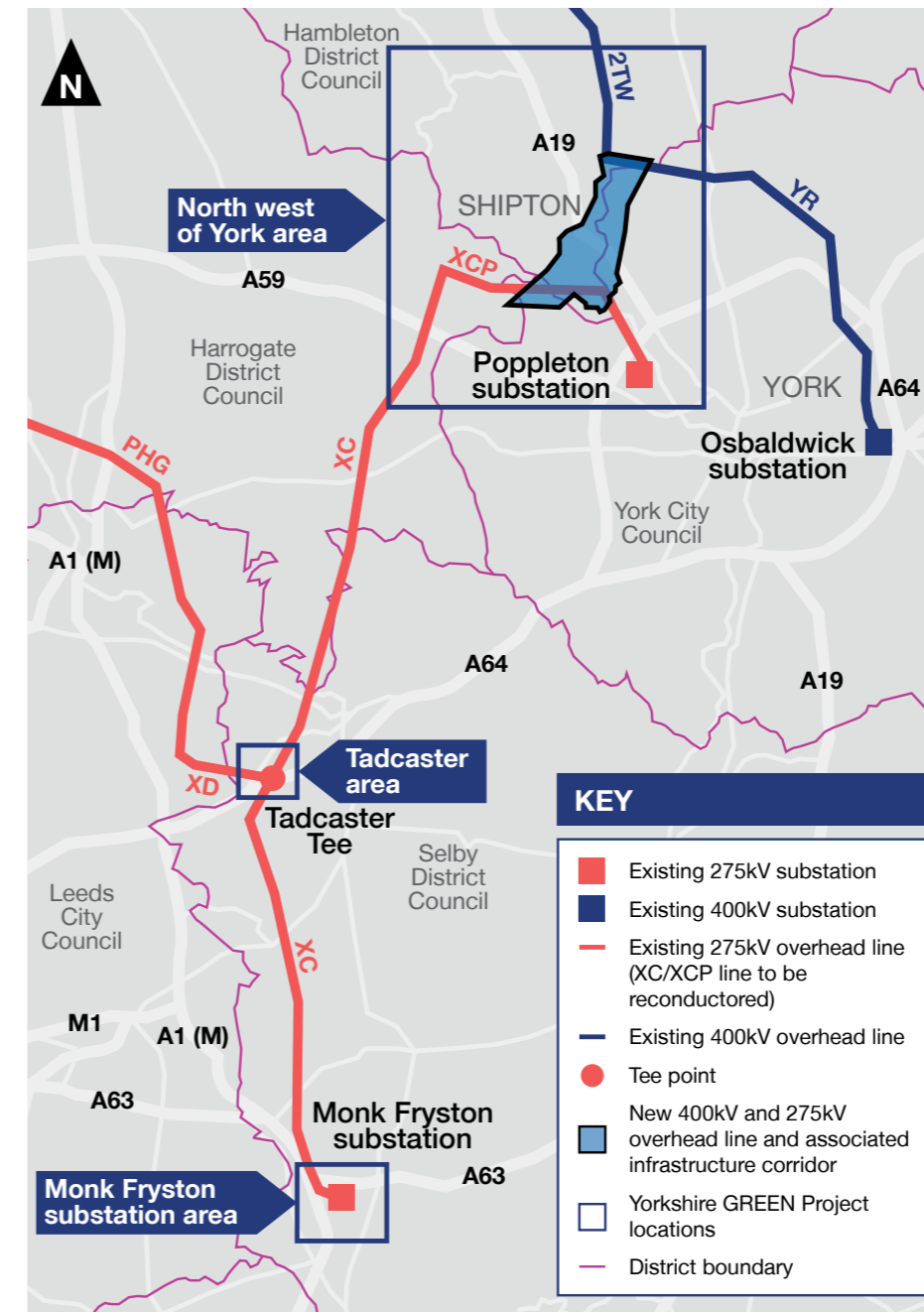
**Until today, our existing network in Yorkshire has been able to meet demand for energy in the region. But with more energy coming from offshore wind, along with a planned new link from Scotland and interconnectors from Europe into the North East, we need to reinforce the network here to deliver this new clean energy to homes and businesses.**

We need to build approximately 7km of new overhead lines, some underground cables and two substations, to link up two existing overhead lines (see the blue shaded area on the map overleaf), and to reinforce the system to increase the capacity of the network in this area. We will also upgrade existing overhead lines, by adding a second set of wires on each side, so they can carry more electricity where required, and replace fittings and some pylons where necessary.

We have developed our proposals carefully and we are now consulting local people to find out what they think. Your feedback will help us to develop our detailed plans.

## Our proposals

### The geographical extent of the proposed Yorkshire GREEN Project



#### North west of York

- A new 400kV overhead line from the existing Norton to Osbaldwick (2TW/YR) overhead line, to a proposed new substation (currently known as the York North substation), supported by a short section of underground cable with a cable sealing end compound (where we connect overhead lines to underground cables) at each end.
- Two new 275kV overhead lines from the existing Poppleton to Monk Fyston (XC/XCP) overhead line, into the proposed York North substation.
- Dismantle some of the existing Poppleton to Monk Fyston (XC/XCP) overhead line, between the two new 275kV overhead lines.

#### Tadcaster area

- Build a short section of underground cable to connect the existing Poppleton to Monk Fyston (XC/XCP) overhead line to the existing Monk Fyston to Knaresborough/Poppleton (XD/PHG) overhead line. We will need to build a cable sealing end compound at each end.

#### Other work

- New equipment at Osbaldwick substation, including an isolator (a safety device which disconnects a circuit from electrical supply) and a circuit breaker (a switch which manages and protects power flow).
- Replace and/or add overhead wires and fittings on the existing Poppleton to Monk Fyston (XC/XCP) overhead line. This may include strengthening or replacing some of the existing pylons.
- Work at other remote substations, within existing substation boundaries, to make changes and update the existing substation protection and control systems.

#### Monk Fyston substation area

- Build a new substation next to, and connecting into, the existing Monk Fyston substation.
- Build a short section of overhead line to connect the proposed Monk Fyston substation to the existing Poppleton to Monk Fyston (XC/XCP) overhead line, a short section of which will then be dismantled.
- Install additional equipment in the Monk Fyston substation to enable us to connect into the existing Monk Fyston to Eggborough (4YS) overhead line, part of which will need to be dismantled.

## About National Grid

National Grid sits at the heart of Great Britain's energy system, connecting millions of people and businesses to the energy they use every day. We're working to build a cleaner, fairer and more affordable energy system that serves everyone, powering the future of our homes, transport and industry.

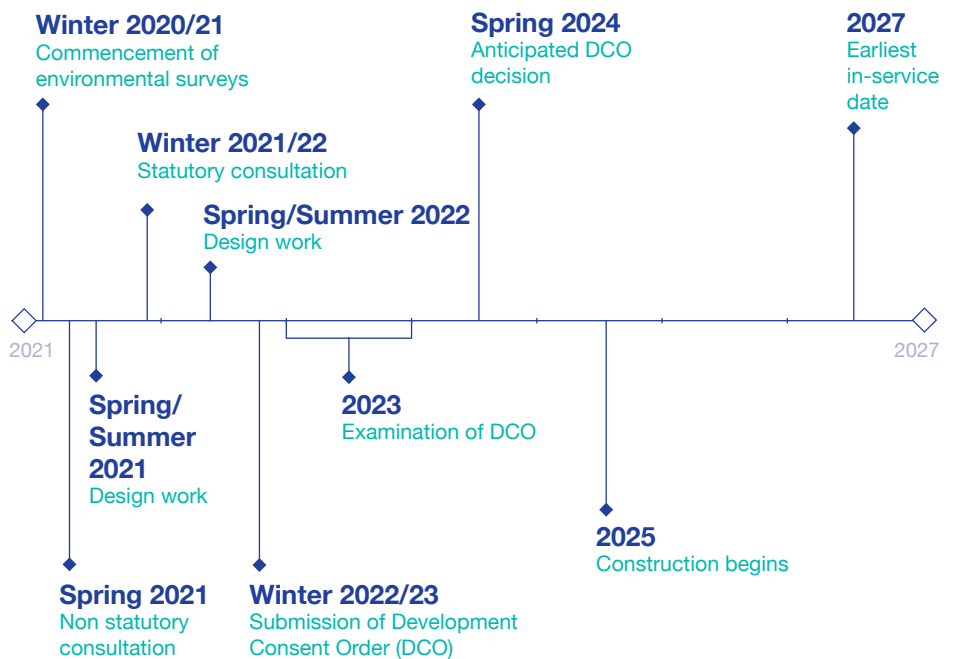
National Grid Electricity Transmission, owns, builds and maintains the electricity transmission network in England and Wales and is developing the Yorkshire GREEN Project.



# Our commitment to you

Where our plans affect you or your community, we want you to let us know your thoughts on our proposals. Your views are important to us and will help shape our plans for the Yorkshire GREEN Project.

The feedback we receive from this initial stage of consultation, together with information from environmental surveys and technical studies, will inform our detailed Project design. We will carry out a further statutory consultation, when you can see how we have taken your views into account and where you can provide further feedback, before we submit our final proposals in winter 2022/23.



## Have your say!

**Our consultation is running from Thursday 11 March to Thursday 15 April 2021.**

In line with current Government guidelines, we will use both digital and traditional consultation methods to ensure that everyone has the opportunity to view the information and take part in our consultation.

We are holding webinars and free telephone drop-ins to explain the Project in further detail and take questions. These are open to everyone.

Date	Time	Format
Saturday 13 March	12:30 - 13:30	Webinar
Wednesday 17 March	13:00 - 14:00	Telephone drop-in
Wednesday 17 March	18:00 - 19:00	Webinar
Tuesday 23 March	12:30 - 13:30	Webinar
Thursday 25 March	12:30 - 13:30	Webinar
Thursday 25 March	18:00 - 19:00	Telephone drop-in
Saturday 27 March	12:30 - 13:30	Webinar
Tuesday 30 March	12:00 - 13:00	Webinar
Tuesday 30 March	18:00 - 19:00	Telephone drop-in
Thursday 1 April	18:00 - 19:00	Webinar

## Give us your feedback

We want to make it as easy as possible for you to provide feedback on our proposals. There is an online feedback form on our Project website, but if you would prefer a paper copy, please call our Freephone information line or email us and we will send you one along with a Freepost envelope so you can send your feedback to us free of charge.

**YorkshireGreen@communityrelations.co.uk**  
**0800 029 4359**  
**nationalgrid.com/yorkshire-green**

Please note our Freephone line is open Monday to Friday 9am to 5:30pm; please leave a message outside of these times.

