

## We want to hear your views!

Our consultation period will run between **Wednesday 22nd January 2025** and **Wednesday 19th February 2025**. Please submit any comments to us by **midnight on Wednesday 19th February 2025**. Following this date, the information will remain accessible online and available to download.

Please find details below on how to get in touch with us and find out more:



Visit the website:

[www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx](http://www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx)

On the project website you can read about the proposed Grid Connection, download the project information as a pdf, and provide feedback via email.



Email us:

[greenburngridconnection@spenergynetworks.co.uk](mailto:greenburngridconnection@spenergynetworks.co.uk)



Send us a letter

### Greenburn Grid Connection,

SP Energy Networks,  
55 Fullarton Drive,  
Cambuslang, Glasgow, G32 8FA

The in-person event will be held on :

**Thursday 28th January 2025 between 13:00 – 18:00**

Dalmellington Community Centre, The Miners Suite, 38 Ayr Rd,  
Dalmellington, Ayr KA6 7SJ

All the materials provided at the consultation event will be available to view online on the project website for those who cannot attend in person at: [www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx](http://www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx)



Attend a public exhibition

## What happens next

Your comments will be reviewed and will inform either confirmation of, or modifications to, the Preferred Route to form the Proposed Route to progress to the detailed design stage for the new Grid Connection. It will then be subject of the Section 37 (S37) application to the Scottish Government's Energy Consents Unit (ECU). The comments received in this consultation will also be collated into a report which will be made publicly available on SP Energy Networks website.

Detailed Design

Environmental Impact Assessment (EIA)  
Screening / Scoping

Second Round of Consultation

Section 37 Submission

Thank you for taking the time to read this leaflet.



## Greenburn 132kv Grid Connection Project Consultation on the Preferred Route for a new 132kV Grid Connection

### Background

The Greenburn 132kV Grid Connection Project (the 'Grid Connection') comprises a 132 kilovolt (kV) overhead line (OHL) supported on wood poles with a section of underground cable (UGC), located between the consented Greenburn Wind Park substation to the existing New Cumnock substation, in East Ayrshire. The location of the start and end point of the connection is shown on the plan overleaf.

The Preferred Route for the Grid Connection is also shown on the plan.

The Grid Connection is required to connect the consented Greenburn Wind Park to the electricity network. SPEN has a legal duty to keep its network up-to-date to safeguard electricity supplies, and to provide a connection for new generation to the wider electricity transmission network.





## What will the overhead line look like?

The OHL element of the Grid Connection will be supported on trident double 'H' wood poles; the poles are approximately 10 – 22 meters in height above ground, with a distance between poles of approximately 80 – 100 meters. The H poles are dark brown in colour, with galvanised steelwork arms supporting aluminium conductors (wires) on insulators.

A section of UGC approximately 400 metres in length will also form part of the Grid Connection as it enters Greenburn Wind Park substation, to avoid OHL interaction with the consented wind turbines. It will be connected to the OHL by a terminal pole.

The precise pole configuration, height and span will be determined during the detailed line design stage.



Typical trident double 'H' wood pole

## Preferred Route

SPEN has been working with independent environmental consultants to identify a preferred route option for the proposed Grid Connection. Our objective is to identify a route which meets the technical requirements of the electricity system, which are economically viable and cause the least disturbance to the environment and the people who live, work and enjoy recreation within it.

These route options have been appraised against environmental criteria, including local landscape character and views, hydrology and peat, cultural heritage and biodiversity, and a technical appraisal of the route options has also been undertaken by SPEN.

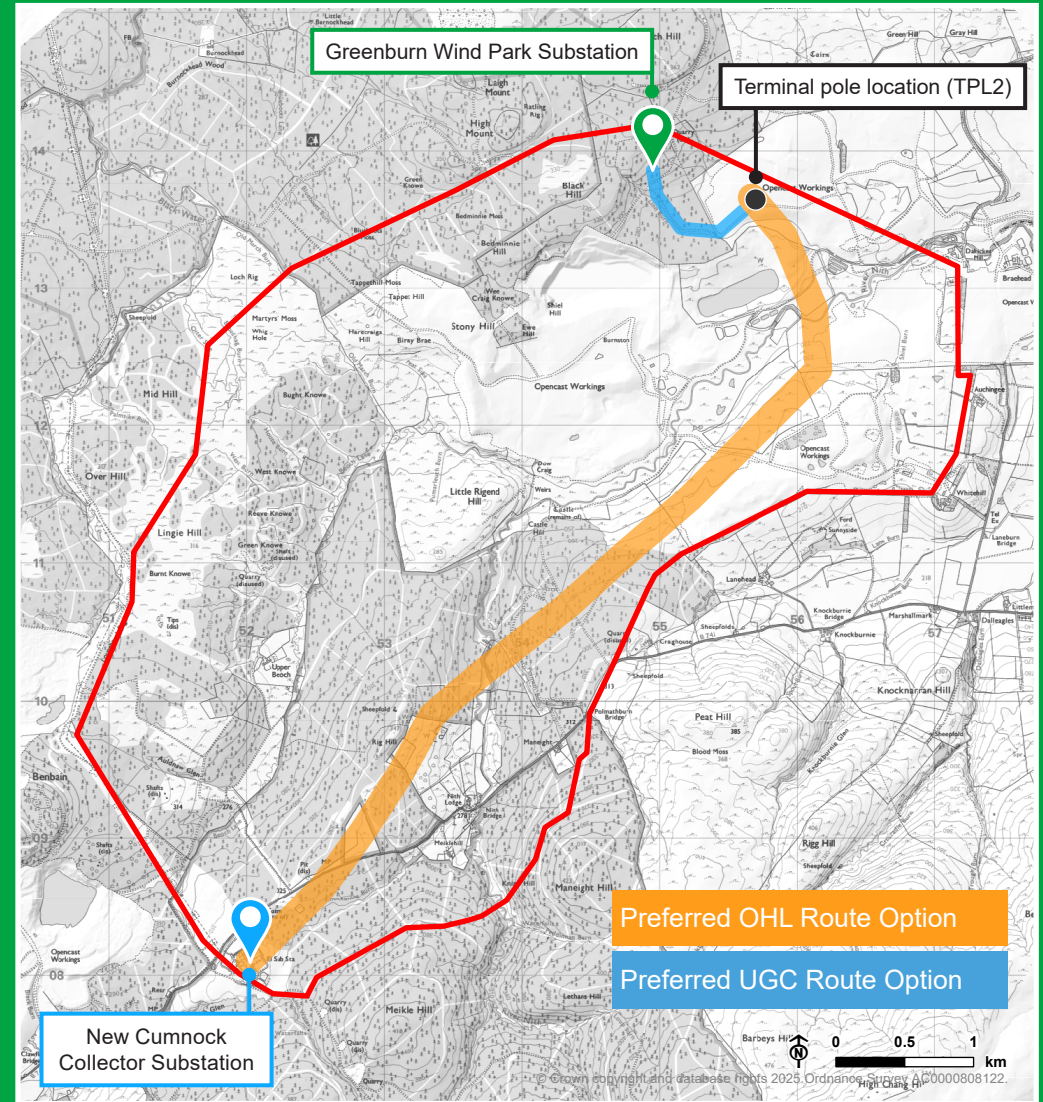
The route option shown on the next page is the preferred route as it best avoids areas of highest amenity value and technical constraints.

### What we would like your views on?

As part of the consultation we would like your views on:

- 1 The Preferred Route for the Greenburn 132kV Connection Project;
- 2 Any other issues, suggestions or feedback you would like us to consider. In particular, your views on the local area, including areas for recreation, local environment features, and any plans you may have to build in the study area.

## Greenburn 132kV Grid Connection Project



More information about the process we have followed to identify and appraise route options to select the Preferred Route can be found in our Routeing and Consultation Document (January 2025). This is available on the project website here:

[www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx](http://www.spenergynetworks.co.uk/pages/greenburngridconnection.aspx)

