

How do I make comments or find out more information?

Your feedback is an important part in helping SP Energy Networks to finalise the proposed route which considers technical, economic and environmental issues along with landowner and public opinion.

Our consultation will run for four weeks and the information will be available from **Monday 25th October 2021** to **Sunday 21st November 2021**. The closing date for you to send your responses to us is midnight on **Sunday 28th November 2021**. Following this date, the information will remain accessible online and available to download.

Please find below the best ways to find out more or talk to us.



Visit the online virtual exhibition from Monday 25th October 2021:
www.scoophillohl.co.uk

In normal circumstances, we would engage with communities face-to-face through drop-in public exhibitions, however, given current social distancing advice, this is not possible. Therefore, we have prepared an online virtual consultation to replicate an in-person village hall experience. Here you can see detailed maps, read about the proposals, download the project information as a pdf, and provide feedback via the online questionnaire.



Visit the website:
[www.spenergynetworks.co.uk/
pages/community_consultation](http://www.spenergynetworks.co.uk/pages/community_consultation)

Our dedicated website has lots more information. You can view or download all the project documents, including this leaflet, on the website.

Talk to us:

We will be on hand to answer any questions you may have via the live chat service on the virtual exhibition room on the following dates:
Monday 25th October from 2pm-4pm
Tuesday 26th October from 10am-12pm
Wednesday 27th October from 5pm-7pm.



Email us: scoophillconnectionproject@spenergynetworks.co.uk



Write to us: Scoop Hill 132kV Connection Project
Land and Planning Team
SP Energy Networks, 55 Fullarton Drive, Glasgow, G32 8FA

What happens next



Thank you for taking the time to read this leaflet.



SP ENERGY
NETWORKS

Scoop Hill 132kV Connection Project

Public Consultation Leaflet

Background

The proposed Scoop Hill Wind Farm by Community Windpower Limited (CWL) is located approximately 5km south-east of Moffat and 11km north-east of Lockerbie in Dumfries and Galloway. CWL submitted an application for consent under Section 36 of the Electricity Act 1989 to Scottish Ministers in November 2020, and a decision remains outstanding.

To meet its licence obligations, SP Energy Networks is proposing a new twin 132 kilovolt (kV) overhead line (OHL) to connect Scoop Hill Wind Farm to the transmission grid system at Moffat substation in Dumfries and Galloway. The new twin OHL connection will be supported on wood poles and will be approximately 2 kilometres (km) in length.

SP Energy Networks operates, maintains and develops the network of cables, overhead lines and substations which transport electricity to connected homes and businesses in Southern and Central Scotland. SP Energy Networks has a legal duty to keep its network up-to-date to safeguard electricity supplies. SP Energy Networks also has a duty to provide a connection for new generation to the wider electricity transmission network.

SP Energy Networks is now seeking views on the proposals and the routeing work which has been undertaken to date for the Scoop Hill 132kV Connection Project. Further information about the project, our plans for consultation, and how to make comments, is provided overleaf.



Photograph: Existing 400kV ZV Route

What will the new connection look like?

Given the output capacity of Scoop Hill Community Wind Farm (circa 525 megawatts (MW)), and to avoid the need for larger steel towers, the connection will require two new twin 132kV OHLs supported on wood poles connecting the wind farm substation to the existing Moffat substation. The twin 132kV OHLs will run in parallel and will each carry one 3-phase circuit, which means that the wood poles will support three conductors (electrical wires). The conductors will be supported on two wood poles or double 'H' poles as shown opposite. The wood poles will have a typical height of between 10 metres (m) and 15m, and the span (distance between each wood pole on each OHL circuit) will be approximately 80m-90m. The spacing between each OHL will be approximately 20m to maintain safety clearances. The wood poles will be dark brown in colour and will weather over the years to light grey. The connection will also require electrical capacity at Moffat substation to be increased. This will be achieved by installing a new 400/132kV transformer and two 400kV and 132kV circuit breaker bays. The new transformer will measure approximately 11m x 20m x 7.5m. The Scoop Hill 132kV Connection Project will remain in place for the duration of the wind farm should it obtain planning consent.



Routing

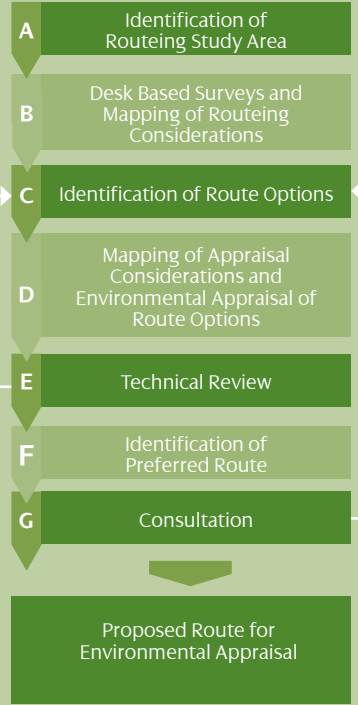
SP Energy Networks has been working with independent environmental consultants to identify potential route options for the Scoop Hill 132kV Connection Project. Our objective is to identify a route which meets the technical requirements of the electricity system, which are economically viable and cause, on balance, the least disturbance to the environment and the people who live, work and enjoy recreation within it.

Following an established best practice methodology for routeing OHLs¹, five route options were identified, as shown opposite. The five route options have the same start and end points, i.e. Scoop Hill Wind Farm substation and Moffat substation.

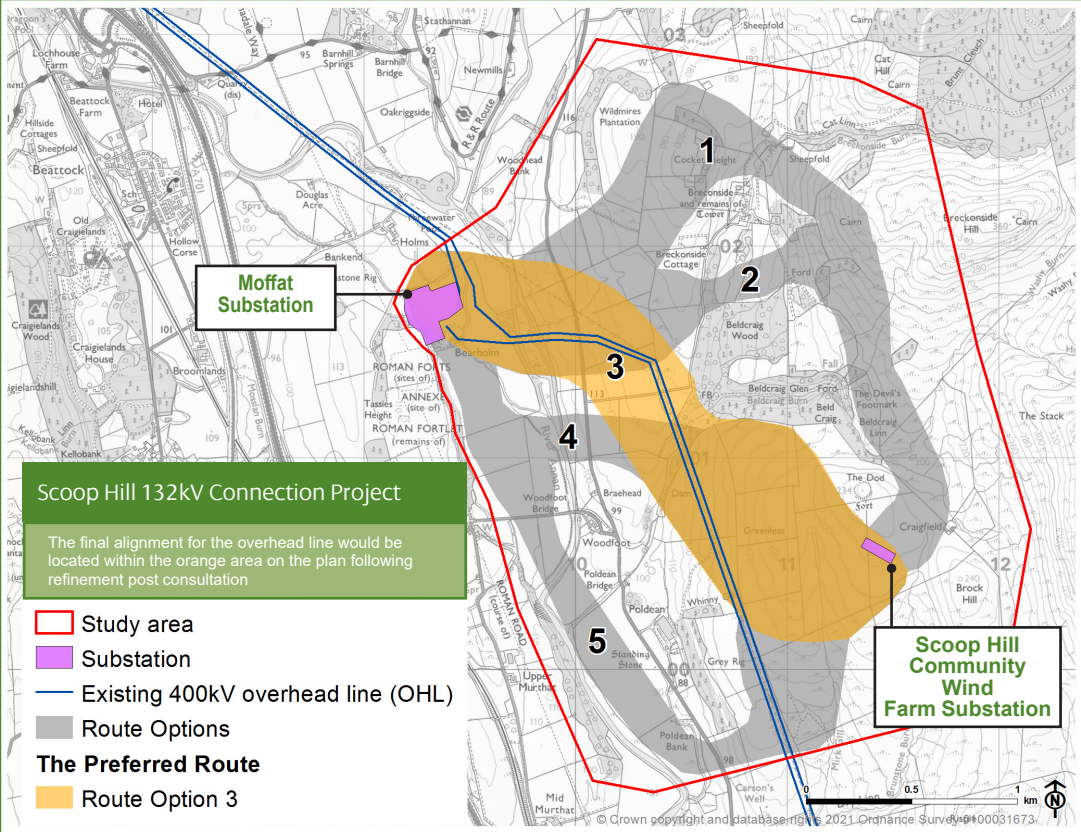
The five route options were appraised against environmental and technical criteria, including local landscape character and views, cultural heritage, biodiversity, hydrology and flood risk, forestry, land use, topography, proximity to existing OHLs and route length to identify the preferred route. The preferred route is the one which achieves the best overall balance between limiting impacts on the environment and people, whilst also meeting SP Energy Networks' technical requirements.

SP Energy Networks is committed to engaging with stakeholders, including local communities, through the consultation process, and your feedback will be used to review the routeing findings and inform the next steps in the Scoop Hill 132kV Connection Project.

Routeing Methodology



Scoop Hill 132kV Connection Project



What we would like your views on?

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

- 1 The preferred route (Route Option 3) for the Scoop Hill 132kV Connection Project.
- 2 Any of the alternative route options we considered during the routeing process.
- 3 Any other issues, suggestions or feedback you would like us to consider. We would particularly like to hear your views on your local area, for example areas you use for recreation, local environmental features you would like us to consider, and any plans you may have to build in proximity to the preferred route.

¹ Available at: https://www.spenergynetworks.co.uk/userfiles/file/SP_ENERGYNETWORKS_Approach_to_Routeing_Document_2nd_version.pdf

More information about the process we have followed to identify and appraise route options to select the preferred route for Scoop Hill 132kV Connection Project can be found in our Routeing and Consultation Document (September 2021) available on our consultation website (see back page for details).

Please note comments at this stage are informal comments and are made to allow SP Energy Networks to determine whether changes to the preferred route are necessary. An opportunity to comment formally to the Scottish Government Energy Consents Unit (ECU) will follow at a later stage in the process following submission of the Section 37 application.