Scottish & Southern Electricity Networks

TRANSMISSION

Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

Rebuild of existing line
Alignment selection stage

March 2025

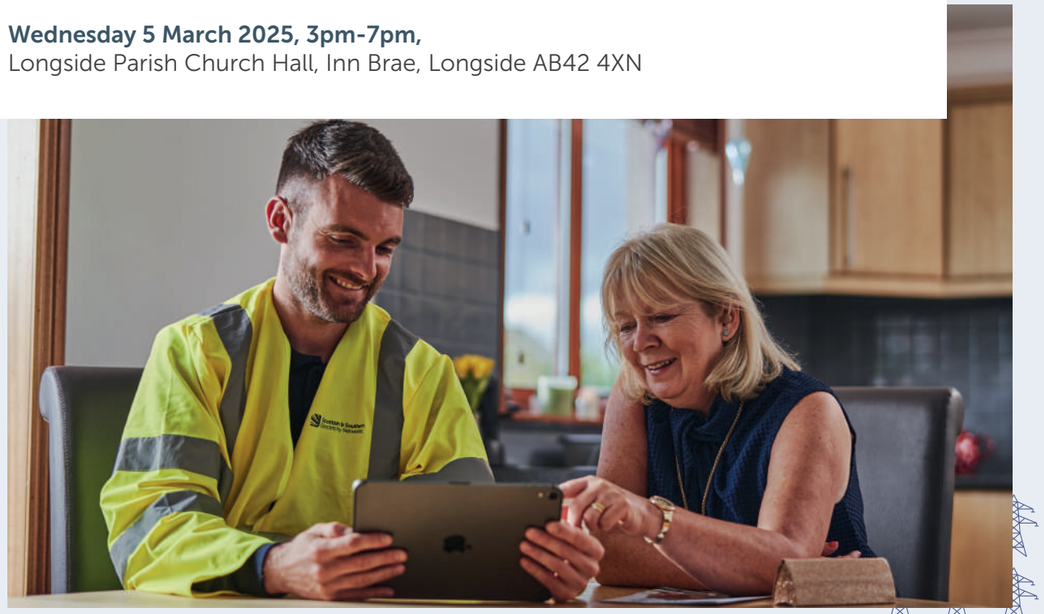
ssen-transmission.co.uk/netherton-400kV-OHL-rebuild

Contents

The consultation events will be taking place on:

Wednesday 5 March 2025, 10am-12.30pm,
Buchan Braes Hotel, Boddam, Peterhead AB42 3AR

Wednesday 5 March 2025, 3pm-7pm,
Longside Parish Church Hall, Inn Brae, Longside AB42 4XN



Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

Powering change together

The time has come to further enhance Scotland's energy infrastructure, providing power for future generations as we move towards net zero.

The shift to a cleaner, more sustainable future is about more than climate change. It's about ensuring future generations have the same opportunities to thrive as we have all had.

Countries around the world are investing in their energy infrastructure to support the demands of modern economies, improve energy security and meet net zero targets. The UK is leading the way in building a modern, sustainable energy system for the future.

We all have a part to play

When it comes to net zero, we have to be in it together. The UK and Scottish Governments have ambitious net zero targets, and we're playing our part in meeting them.

We work closely with National Energy System Operator to connect vast renewable energy resources – harnessed by solar, wind, hydro and marine generation – to areas of demand across the country. Scotland is playing a big role in meeting this demand, exporting two-thirds of power generated in our network.

But there's more to be done. By 2050, the north of Scotland is predicted to contribute over 50GW of low carbon energy to help deliver net zero. Today, our region has around 9GW of renewable generation connected to the network.

At SSEN Transmission, it is our role to build the energy system of the future.

We're investing over £20 billion into our region's energy infrastructure this decade, with the potential for this to increase to over £30 billion. This investment will deliver a network capable of meeting 20% of the UK's Clean Power 2030 target and supporting up to 37,000 jobs, 17,500 of which will be here in Scotland.

Find out more

Scan the QR code with your smartphone to find out more about how these policies have been assessed and determined.

Who we are

We're responsible for maintaining and investing in the electricity transmission network in the north of Scotland. We're part of SSE plc, one of the world's leading energy companies with a rich heritage in Scotland that dates back more than 80 years. We are also closely regulated by the GB energy regulator Ofgem, who determines how much revenue we are allowed to earn for constructing, maintaining and renovating our transmission network.

What we do

We manage the electricity transmission network across our region which covers a quarter of the UK's landmass, crossing some of the country's most challenging terrain. We connect renewable energy sources to our network in the north of Scotland and then transport it to where it needs to be. From underground and subsea cables, overhead lines (OHLs) to electricity substations, our network keeps your lights on all year round.

Working with you

We understand that the work we do can have an impact on communities. So we're committed to minimising our impacts and maximising all the benefits that our local developments can bring to your area.

We're regularly assessed by global sustainability consultancy AccountAbility for how we engage with communities. That means we provide all the information you need to know about our plans and how they will impact communities like yours.

We want to hear people's views, concerns, or ideas and harness local knowledge so that our work benefits their communities: today and long into the future. You can share your views with us at:
ssen-transmission.co.uk/talk-to-us/contact-us

The Pathway to 2030

Building the energy system for the future will require delivery of significant infrastructure over the next few years. In partnership with the UK and Scottish governments, we're committed to meeting our obligation of connecting new, renewable energy to where it's needed by 2030.

Achieving net zero

By 2030, both the UK and Scottish governments are targeting an expansion in offshore wind generation of 50GW and 11GW respectively. The Scottish Government has also set ambitious targets for an additional 12GW of onshore wind by 2030.

Across Great Britain, including the north of Scotland, there needs to be a significant increase in the capacity of the onshore electricity transmission infrastructure to deliver these 2030 targets and a pathway to net zero.

Securing our energy future

And it's not just about net zero. It's also about building a homegrown energy system, so that geopolitical turmoil around the world doesn't severely impact the UK and push up energy prices.

The UK Government's British Energy Security Strategy further underlines the need for this infrastructure, setting out plans to accelerate homegrown power for greater energy independence.

The strategy aims to reduce the UK's dependence on and price exposure to global gas wholesale markets through the deployment of homegrown low carbon electricity generation supported by robust electricity network infrastructure.

Meeting our 2030 targets

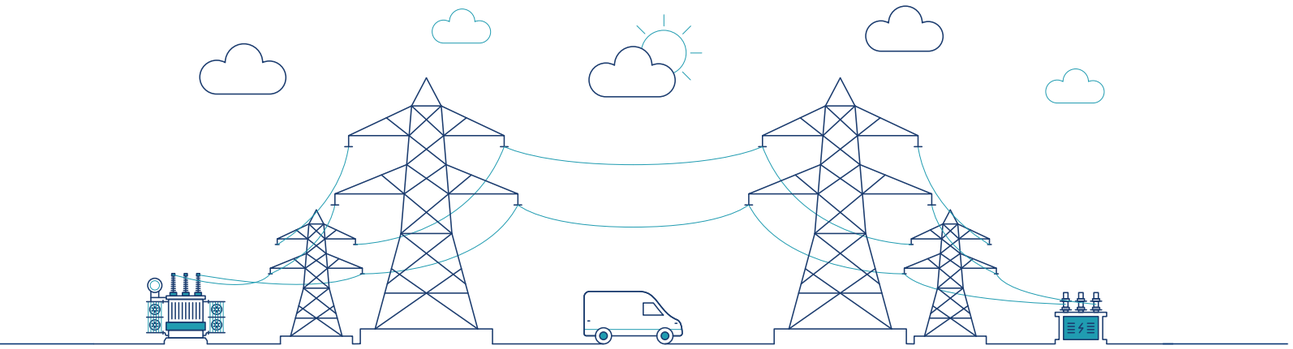
In July 2022, the National Energy System Operator (NESO) published the Pathway to 2030 Holistic Network Design (HND). This set out the blueprint for the onshore and offshore transmission infrastructure that's required to support the forecasted growth in the UK's renewable electricity. It's an ambitious plan that will help the UK achieve net zero.

What does this mean for the north-east of Scotland?

The north and north-east of Scotland will play a key role in meeting these goals. The expansion in offshore renewable generation requires a significant increase in the capacity of our onshore electricity transmission infrastructure.

The National Energy System Operator (NESO) identified several new, replacement and upgraded transmission projects in the north of Scotland in its second transitional Centralised Strategic Networks Plan, 'Beyond 2030', published in March 2024.

One of these investments includes the Peterhead-Kintore Upgrade, known as 'PKUP'. Part of this upgrade involves increasing the capacity of a section of the existing Peterhead to New Deer 400kV double circuit with a higher capacity 400kV double circuit. This will enable the transfer of maximum power sharing between the proposed 400kV substation within Netherton Hub and the rest of our transmission network.



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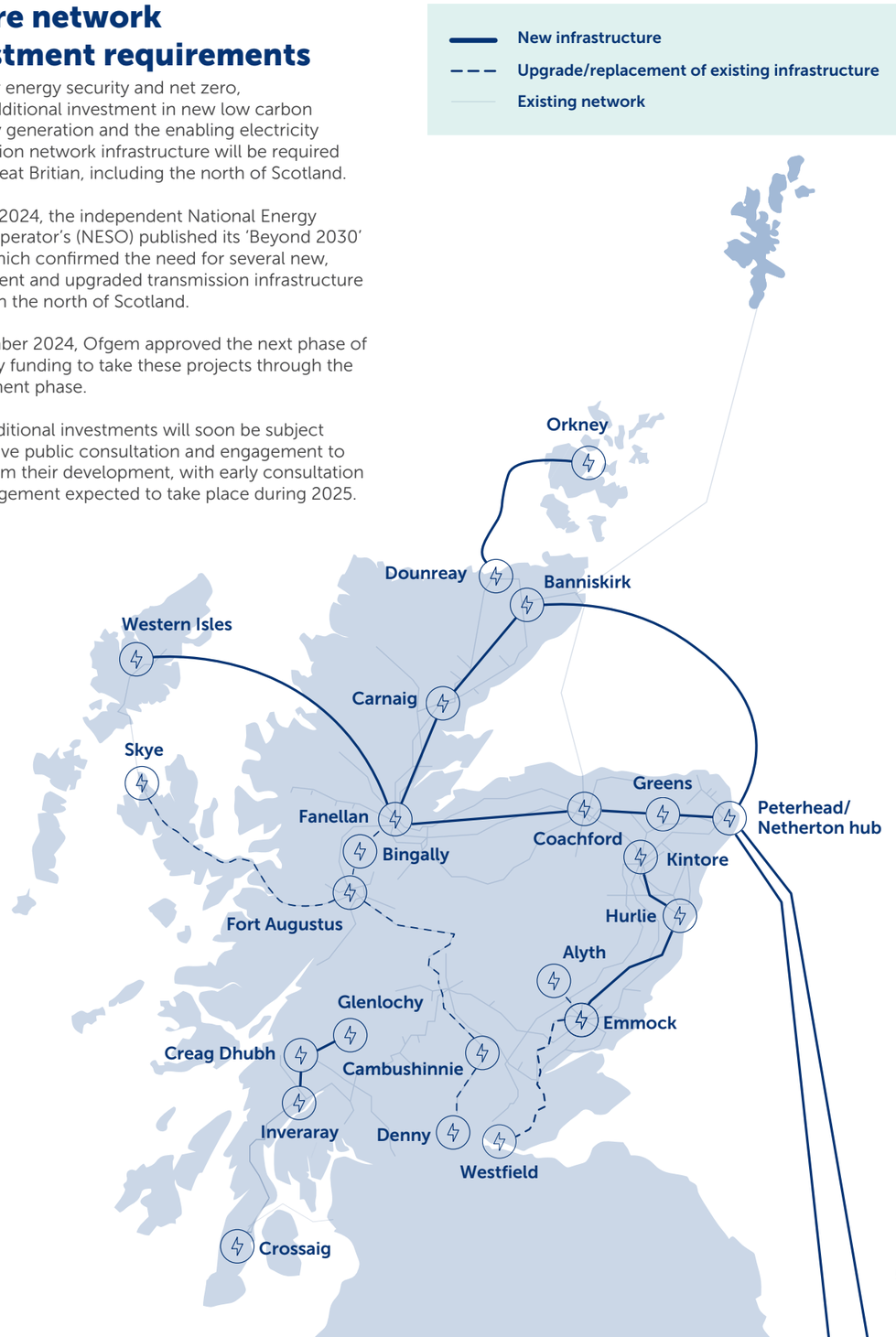
Future network investment requirements

To deliver energy security and net zero, further additional investment in new low carbon electricity generation and the enabling electricity transmission network infrastructure will be required across Great Britian, including the north of Scotland.

In March 2024, the independent National Energy System Operator's (NESO) published its 'Beyond 2030' report, which confirmed the need for several new, replacement and upgraded transmission infrastructure projects in the north of Scotland.

In December 2024, Ofgem approved the next phase of regulatory funding to take these projects through the development phase.

These additional investments will soon be subject to extensive public consultation and engagement to help inform their development, with early consultation and engagement expected to take place during 2025.



Project overview

Project requirements

We're leading on the delivery of critical infrastructure projects to power change in the UK and Scotland. To support the delivery of 2030 offshore wind targets set by the UK and Scottish governments, and to power local communities, we need to upgrade our existing network. In some key areas, we need to develop entirely new infrastructure.

The Netherton Hub is a strategic development proposed for a site located near Longside to the west of Peterhead. The tie-in connection of the existing New Deer-Peterhead 400kV overhead line into a proposed 400kV AC substation within Netherton Hub is required to connect the proposed substation to the existing network.

The project outlined in this booklet relates to the proposed rebuild and removal of a section of the existing New Deer-Peterhead 400kV overhead line. Both of these projects will maximise the transfer capability between Netherton Hub and the wider transmission network and increase network security.

Project elements

During the consultation for the Netherton Hub in February and May 2024, we outlined that the proposed 400kV substation at Netherton Hub would need to be connected to other parts of our transmission network.

Following publication of "Beyond 2030" report, we have now reviewed how the overhead line connection will be developed and built to maximise energy transfer between the proposed 400kV substation in Netherton Hub and Peterhead substation. This will now be facilitated by this overhead line rebuild project.

- Rebuild a section of the existing New Deer-Peterhead 400kV overhead line between the chosen tie-in connection point and the Peterhead 400kV substation.
- Install a temporary overhead line circuit to facilitate the transfer of the connection from the existing New Deer-Peterhead 400kV overhead line to the newly built section of the line.
- Remove the redundant overhead line towers on the section between the selected tie-in option around Little Dens and the Peterhead 400kV substation.

This booklet contains details of the proposed rebuild and removal of a section of the existing New Deer-Peterhead 400kV overhead line from near the proposed Netherton Hub to the existing Peterhead 400kV substation in Boddam.

Information relating to the tie-in of the existing 400kV line into Netherton Hub can be found in the accompanying 'tie-in' booklet.

Please refer to the project website to view the consultation materials for that project at **ssen-transmission.co.uk/netherton-400kv-ohl-tie-in**

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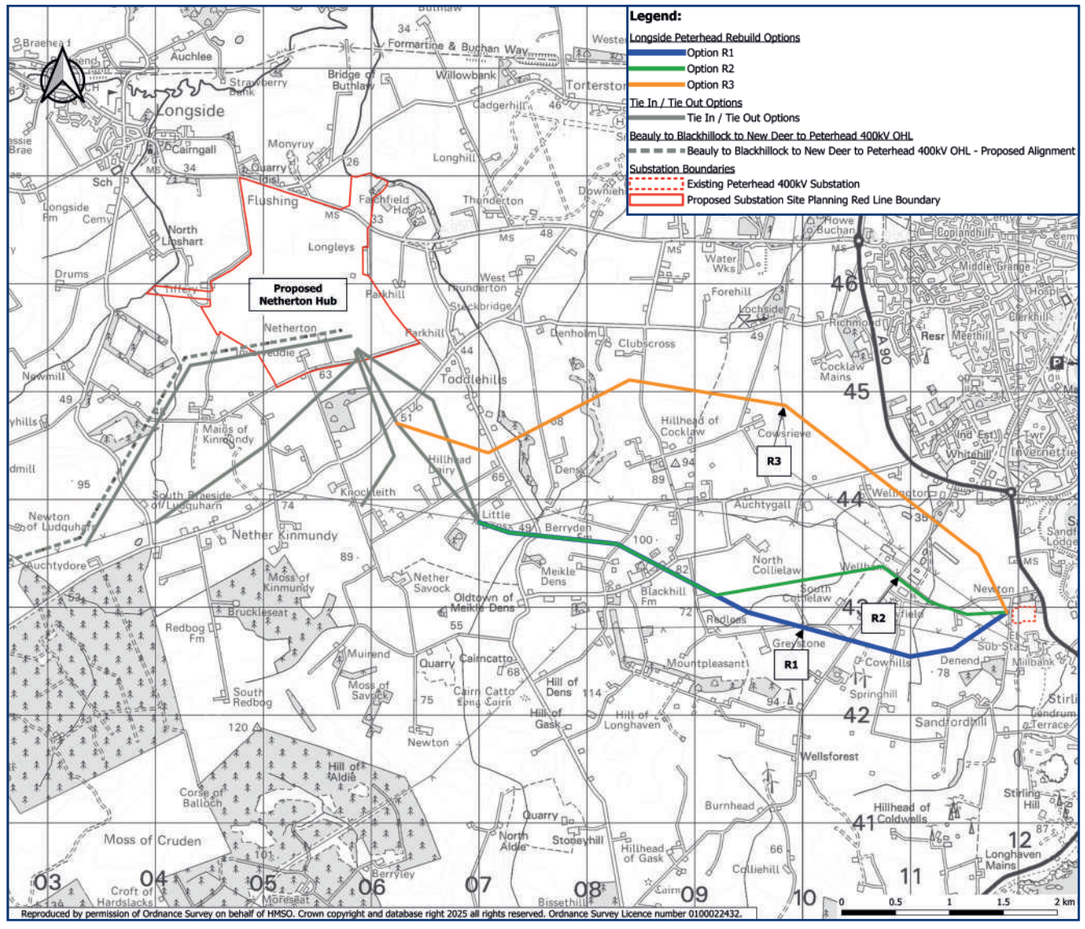


Map showing the rebuild alignments options (coloured lines). An accompanying booklet contains the details of the proposed tie-in connection project (shown as grey lines).

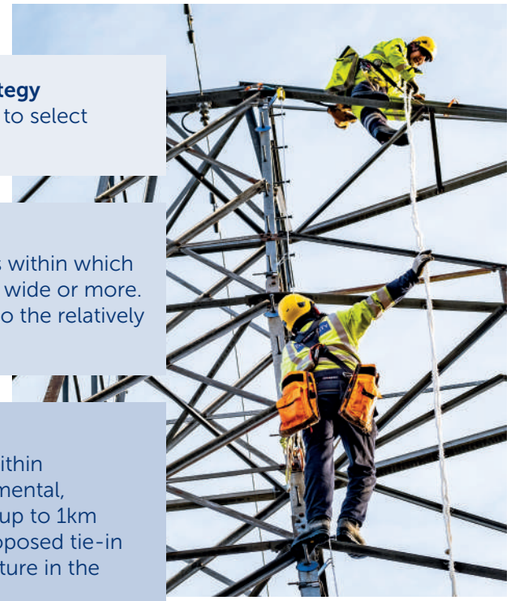
Larger maps can be found at the project webpage at **ssen-transmission.co.uk/netherton-400kV-OHL-rebuild**

More information on Netherton Hub can be found at **ssen-transmission.co.uk/netherton-hub/**

Overhead line key stages

For new overhead line projects, our process typically follows a number of stages, each iterative and increasing in detail, bringing cost, technical, environmental and social considerations together in a way that seeks the best balance.

The key stages are:



Stage 1: Strategic options assessment/routeing strategy
This stage is to establish the need for the project and to select the preferred strategic option to deliver it.

Stage 2: Corridor selection
Corridor selection seeks to identify possible corridors within which to locate a new overhead line. Corridors may be 1km wide or more. For this project, the Corridor stage was omitted due to the relatively short distances involved.

Stage 3: Route selection
Route selection stage seeks to find a suitable route within the corridor which balances physical, social, environmental, engineering and cost constraint. Routes are typically up to 1km in width. Due to the relatively short lengths of the proposed tie-in and the existing and planned overhead line infrastructure in the area, the Route stage was omitted for this project.

Stage 4: Alignment selection
Alignment selection stage seeks to identify potential alignments within the preferred route and start to define the access strategy which will be adopted in terms of, for example, the nature and extent of temporary and/or permanent access tracks and possible road improvements. The alignment options will be influenced by engineering and cost factors as well as by local constraints, such as residential properties, their aspect, and amenity; ground suitability; habitats; and cultural heritage features and setting.

We are here

Stage 5: Final alignment
The final stage is the identification of a proposed overhead line alignment that is capable of being granted consent by Scottish Ministers under Section 37 of the Electricity Act 1989. A further pre-application consultation event will be held to present the final proposed alignment that has been refined in response to stakeholder feedback and assessment.

What happens next?

We are currently at Alignment Selection (Stage 4). Following engagement with the public, statutory bodies and landowners, we will finalise a proposed alignment to be taken forward to a final pre-application consultation stage, followed by formal environmental assessment and consent application.

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Why we're here today

We are currently at the alignment selection stage of project development. We have developed these alignments by carrying out studies and assessments through engagement with landowners and wider stakeholders.

During this consultation we will present the potential alignment option. We welcome your feedback on all alignment options and will review all feedback received to inform the final design of the project.

Who we are consulting with

As well as communities, we are keen to hear feedback from a broad range of other stakeholders including but not limited to landowners, businesses, non-statutory consultees and statutory consultees such as local authorities, Energy Consents Unit (ECU), NatureScot, Scottish Environment Protection Agency (SEPA), Historic Environment Scotland (HES) and Scottish Forestry.

Scan the QR code or visit **ssen-transmission.co.uk/netherton-400kV-OHL-rebuild** to find the feedback form.

Selecting an alignment

The consideration of alignment options and design solutions brings together work by four main disciplines:

Engineering Team

Who identify engineering constraints and where overhead lines and cables can be installed from a construction and operational perspective.

Key considerations include:

- Infrastructure crossings
- Environmental design
- Ground conditions
- Accessibility
- Proximity to existing infrastructure and properties

Environmental Team

Who identify key environmental constraints along the routes which the new infrastructure could impact upon.

Key considerations include:

- Engagement with statutory consultees and planning authorities
- Results of specialist environmental archaeology, ornithology, ecology, geology and hydrology surveys
- Local environmental aspects like visual amenity and landscape character, Scheduled Monuments, Special Protected Areas, Specials Areas of Conservation and Sites of Special Scientific Interest
- Peat, ground conditions and the water environment
- Land use, including agriculture, forestry and recreation
- Proximity to residential properties and other sensitive receptors

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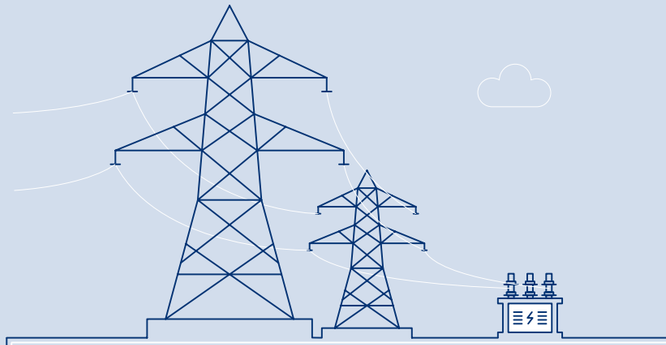
Communities Team

Who work with communities and make sure that their feedback during the consultation process is closely considered during project refinement.

Key considerations include:

- Community engagement
- Consultation responses review
- Recreational areas and areas of local interest



Land Team

Who engage with landowners to identify key land use constraints.

Key considerations include:

- Landowner engagement
- Mitigating effects of infrastructure on land and properties
- Reaching land agreements

Striking a balance

When selecting an alignment, we need to carefully balance key considerations relating to engineering, environment and cost, in each section of the overhead line route.

We then consider the likely effect and level of impact of each consideration, which will vary from section to section.

This can be based on how populated the area is, the outcomes of environmental and engineering surveys, stakeholder and community feedback, the presence of peat, the local water environment, if there is existing infrastructure we need to avoid, if the effects on land and property can be mitigated and if a constructable alignment can be identified.

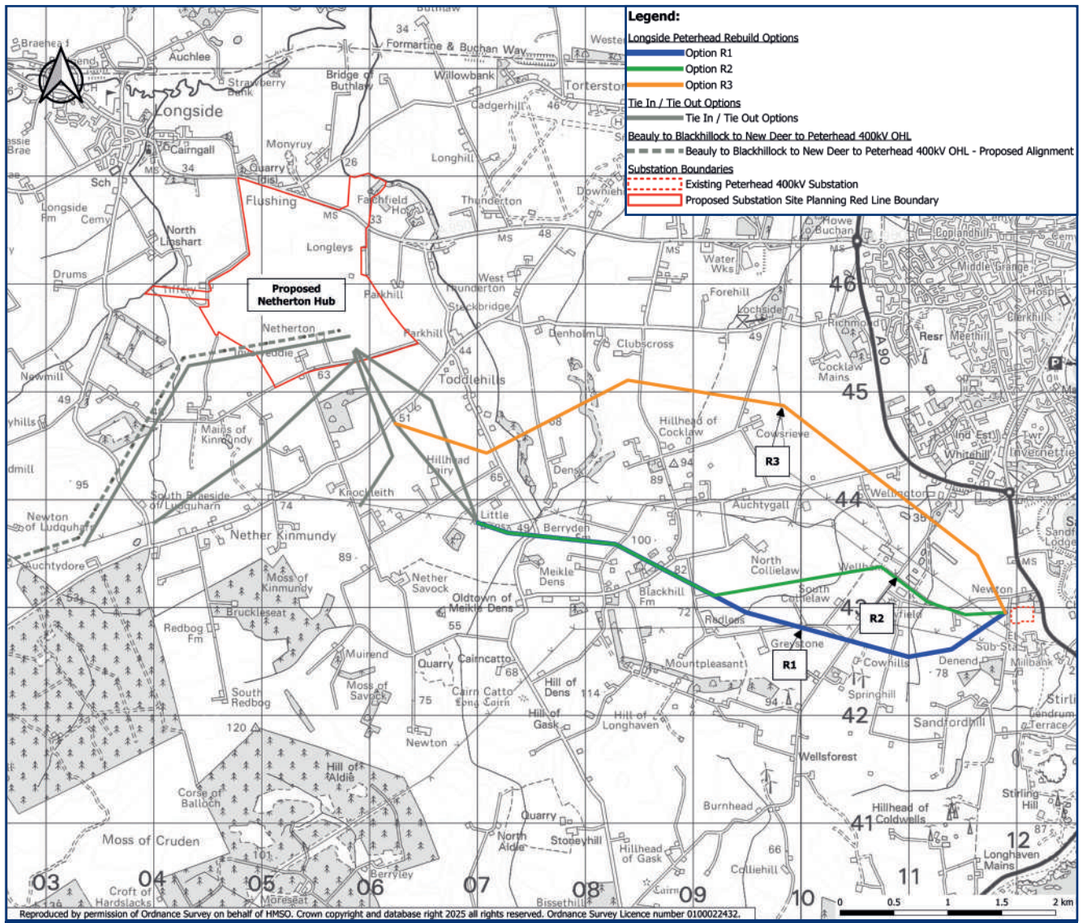
Ultimately, we need to balance a range of factors and present the solution we consider most viable, to then put forward for consultation. We have now identified a Potential Alignment which we are seeking your views on.

Our Alignment Selection Consultation Document describes the alignment options and comparative appraisal of each option in detail, and this can be downloaded from the project webpage or viewed during the consultation events.

You can download our Alignment Maps from our website: **ssen-transmission.co.uk/netherton-400kv-ohl-rebuild**

The alignment options

This map shows the three rebuild alignment options that we are considering as part of this proposal. Of the options shown, our potential alignment is Alignment R2 shown below.



The rebuild options being considered, including our potential alignment, which is Alignment Option R2.

Rebuild alignment options:

Three options were assessed for the rebuild element of this project, all approximately 7.5km:

Option R1

Option R1 travels south-east from the point where the tie-in connects with the existing overhead line. It follows the same alignment as R2 until it diverges to the south, crossing the existing 275kV overhead line twice before connecting into Peterhead 400kV substation.

Option R2

Option R2 follows the same alignment as R1 for approx. 2.3km it diverges and travels further east where it joins the existing 400kV overhead line. This option involved building over the existing overhead line for approximately 1.2km.

Option R3

Option R3 connects midway along the potential tie in option, and takes a more north-easterly route to connect into the Peterhead 400kV substation.

Removal of existing line:

Should the potential rebuild alignment achieve Section 37 consent, the overhead line towers on the approx. 5km section of existing line between the selected tie-in option around tower number 76 and Peterhead substation will be removed once the new overhead line is constructed.

Consult our maps

You can find a large scale version of our map on our project website at **ssen-transmission.co.uk/netherton-400kv-ohl-rebuild** or by scanning the QR code. Copies will be available at the consultation to take away with you.

Key environmental considerations

The following environmental considerations have been applied in the evaluation of the alignment options presented here.

All alignment options include foraging habitat suitable for species associated with the Loch of Strathbeg Special Protection Area (SPA) and Ramsar around 12km to the north and Ythan Estuary, Sands of Forvie and Meikle Loch SPA and Ramsar (approx. 12.5km south) - qualifying interests of these sites include pink-footed geese.

Buchan Ness to Collieston SAC is located approximately 1.6km from the Alignment Options and is designated for vegetated sea cliffs which are not connected/functionally linked to the habitat along the Alignment Options. Bullers of Buchan Coast SSSI is approximately 1.6km southeast of the connecting point at the east of all Alignment Options, though this site is designated for coastal habitats and sea birds and is therefore unlikely to be affected.

Habitats are broadly similar across all options, with no Annex 1 habitats likely to be present based on information available at this stage. There is potential for impact on protected species through the bisection of woodland at Dens that may support species such as bats and badgers. No Private Water Supplies (PWS) have been identified within the LOD of any of the options.

In terms of Cultural Heritage, none of the options are considered to have potential for significant impacts on designated sites. Blackhill House is a Listed Building located near to Alignments R1 and R2 and there is potential for effects. Boddam Conservation Area (CA428) is located approximately 1.3km east of the Alignment Options.

It is not considered likely that any of the rebuild options would compromise any of the key attributes or qualities of any landscape designation.

All of the options end at the existing Peterhead Substation and therefore are the same distance from the nearest Special Landscape Area (SLA), the North East Aberdeenshire Coast, located to the south of Peterhead.

There is potential to adversely affect the local landscape character of the Landscape Character Type (LCT) 17 Coastal Agricultural Plain - Aberdeenshire at a local level in the vicinity of the Netherton Hub.

Given the other projects being progressed in the area between Netherton and Peterhead, it is necessary to consider the cumulative visual effects of this rebuild alongside the tie-in from the existing New Deer-Peterhead overhead line to Netherton Hub, as well as the proposed Beauly-Peterhead 400kV overhead line.

There are no areas of overlapping Class 1 or Class 2 peatland visible from the Carbon and Peatland 2016 Map.

There is the potential for unknown archaeological remains to exist within each Alignment option.

All alignment Options pass through Land Capability for Agriculture (LCA) in Classes 3.1 and 3.2, so are similarly constrained. No areas of commercial forestry have been identified within any of the alignment options, however it is noted that some tree removal would likely be required in places, including Ancient Woodland.

There are Core Paths present on the approach to Peterhead Substation, and there is potential for adverse effect on the recreational amenity of these paths.

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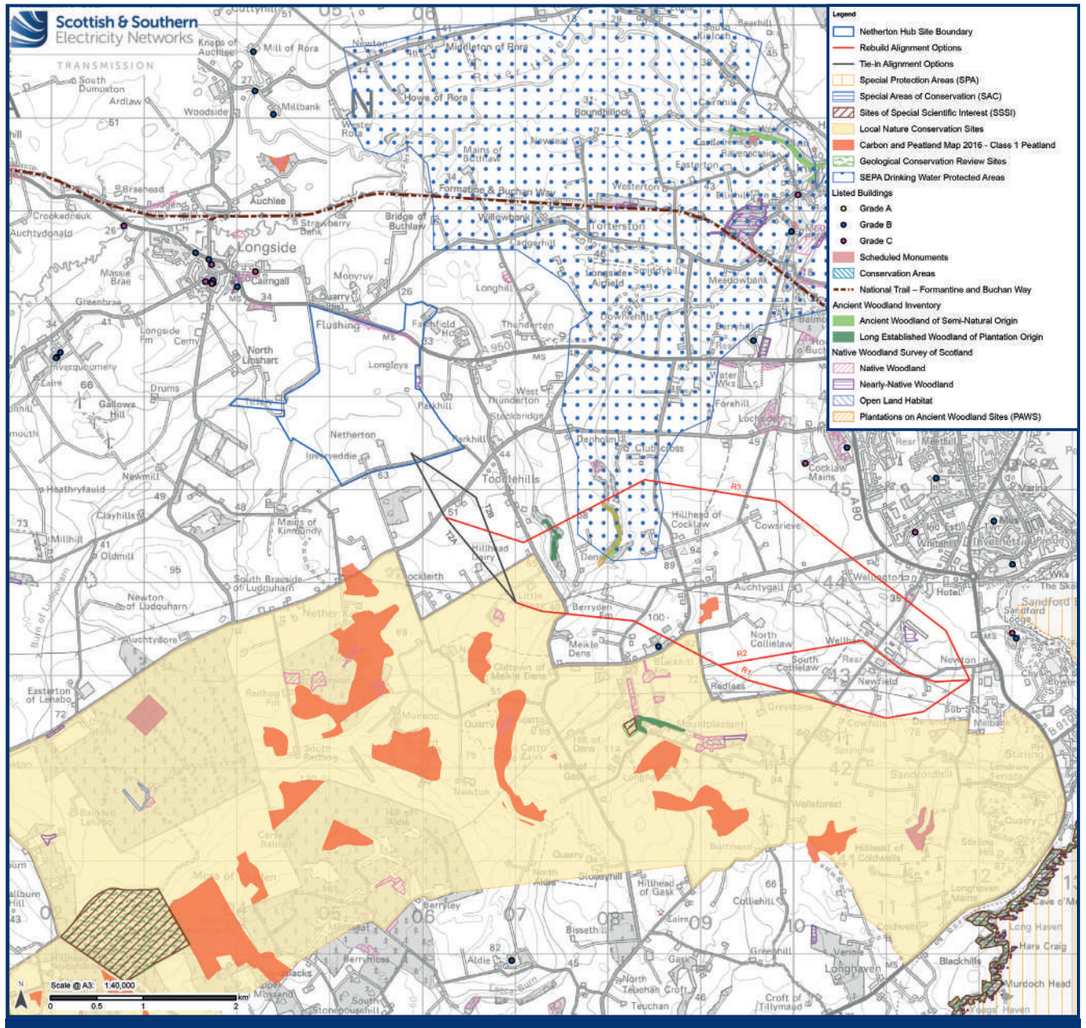


Environmental designations and constraints.
This figure shows some of the key environmental constraints which have been considered when assessing potential OHL alignment options.

Potential alignment

Our proposed alignment for the overhead line rebuild between the selected tie-in alignment option and Peterhead Substation is option R2.

The environmental appraisal identified Rebuild alignments R1 or R2 as the overall preference, with final choice depending on the means of crossing existing overhead lines and the relative visual impacts of those options.

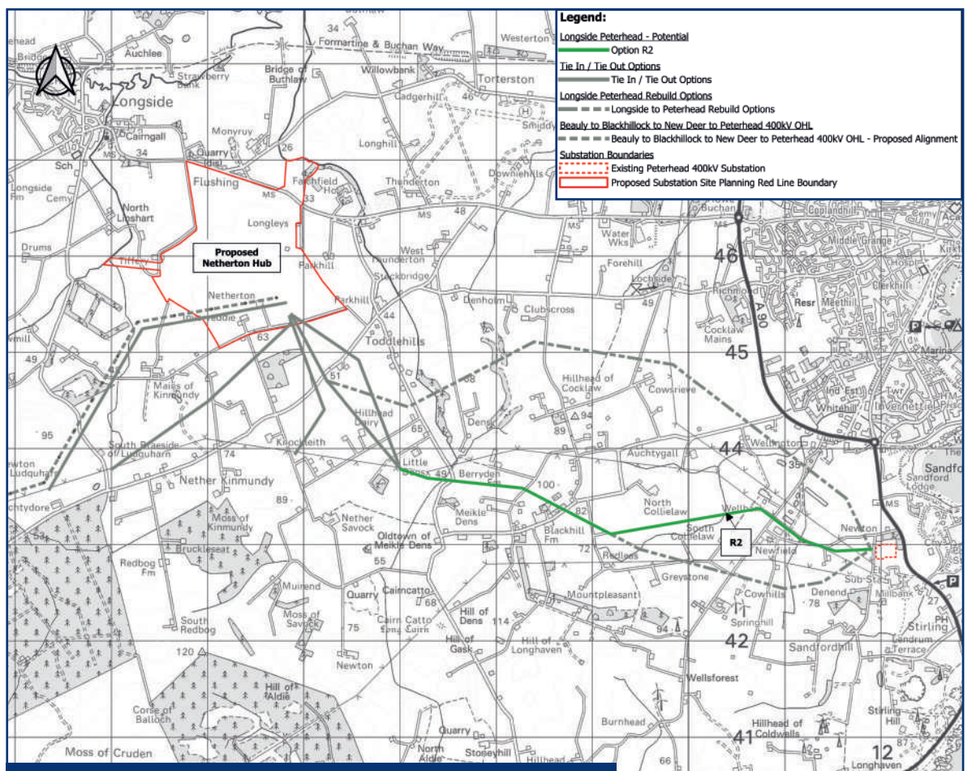
Alignment options R1 and R2 also present an opportunity to create two distinct infrastructure corridors entering Netherton Hub, reducing the potential for both options to be visible within views, and therefore reducing potential visual clutter.

This approach has the benefit of removing the greatest number of towers from the existing New Deer overhead line to the south, which is located on higher ground. The engineering appraisal identified Alignment R2 as the overall preference, and the economic appraisal did not identify a clear preference.

Unlike the Tie-In appraisal, the environmental and engineering considerations are given equivalent weight due to the number and degree of constraints identified for each.

Landscape and visual considerations are most significant in environmental terms, while engineering appraisals identified several potential issues relating to major crossings, proximity to properties and installation of temporary transmission lines during construction.

On balance, Alignment R2 is considered to be the overall Potential Alignment for the Rebuild options on the basis of it being one of two environmental preferences and the notable engineering preference.



Rebuild alignment options, showing the potential alignment R2.

Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

The consenting process

The legislation governing the consenting of overhead line (OHL) projects in Scotland is the Electricity Act 1989. Applications for consent to construct and operate new overhead lines are made under Section 37 of this Act and are referred to as “Section 37 Consents”.

Depending on the outcome of Environmental Impact Assessment (EIA) Screening with the Scottish Government’s Energy Consents Unit (ECU), the Section 37 application will be accompanied by either an Environmental Impact Assessment (EIA) Report or a voluntary Environmental Appraisal, as well as standalone reports such as a planning statement, and detailed design drawings. A Pre-Application Consultation (PAC) Report will also be provided, and this will provide details of the public and stakeholder consultation undertaken, a summary of the feedback received, and our response to that feedback.

We plan to submit our Section 37 application to the Scottish Government’s Energy Consents Unit (ECU) in August 2025.

Once an application for consent has been submitted, all documents relating to the submission will be made publicly available and there will be an opportunity for the public to make formal representations to the ECU before a recommendation is made by them to the Scottish Ministers for a decision.

We will update stakeholders once the application for consent has been submitted and we will also publish newspaper advertisements to inform local communities and the general public of the applications being made to Scottish Ministers.

Determining a Section 37 application and communicating outcomes

Section 37 applications are determined on a case-by-case basis by the Scottish Ministers.

We anticipate to receive a decision on the consent application within 12 months from the application date, however timescales may vary.

When a decision is made, the ECU will send us a decision notice, copying in the local planning authority and other consultation bodies. The decision notice is a record of the reasons for the decision and, if consent is granted, it contains the conditions that must be satisfied in order to implement the consent.

The ECU and local planning authority will publish the decision notice via their own channels, and we must publicise the outcome on our website, in the Edinburgh Gazette, and in a local newspaper.

We’ll also communicate the decision by mainstream media and other various means, including email updates to Elected Members and those signed up to project updates, social media, and press releases.

Read more here about the Section 37 process here:

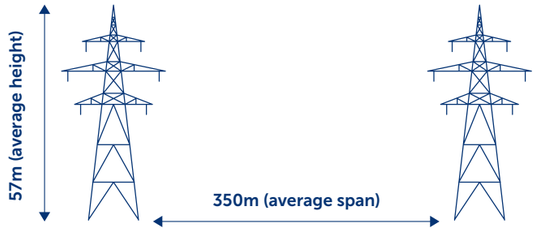
About the overhead line

The required technology for the new 400kV overhead line rebuild has been determined to be a new double circuit 400kV HVAC (High Voltage Alternating Current) overhead line.

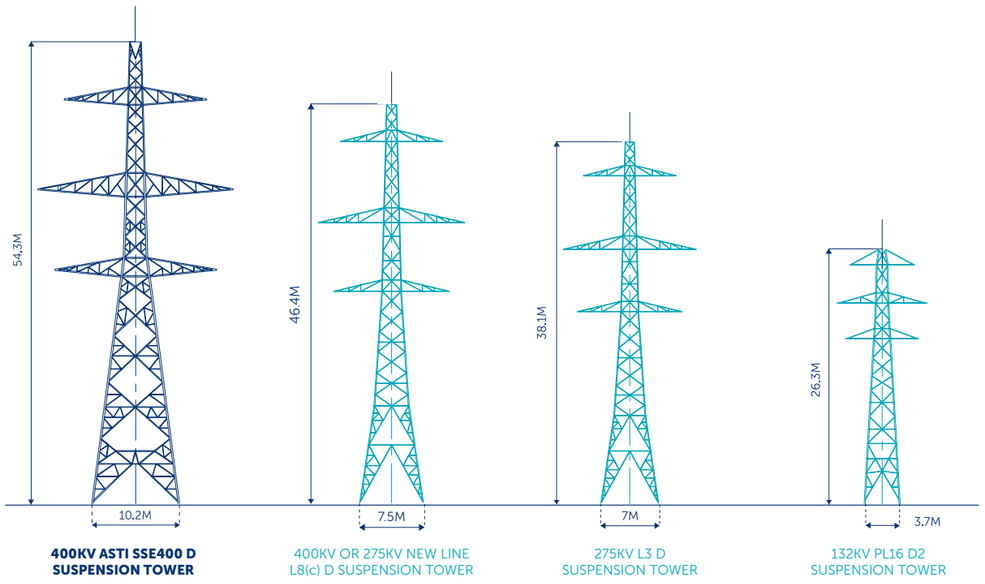
The overhead line would consist of steel lattice towers with an average height of approximately 57m which would support six conductor bundles on six cross arms and an earth wire between the peaks for lightning protection.

The average distance between towers is expected to be 350m. Tower height and the distance between them will vary dependent on several factors such as altitude, climatic conditions and topography.

This is similar to our existing Beauly-Denny 400kV overhead line, where 80 per cent of its 600-plus towers are below 57m, ranging from 42m to 65m in height.



Please note, this graphic is an indicative representation of the standard height and not average height of each tower type. This is because the average height depends on the specific topography encountered by each overhead line.



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Managing construction impacts

We are committed to minimising the impact of construction through avoiding potential issues by designing them out, undertaking thorough environmental assessments and working closely with the local community.

Our focus includes mitigating effects, for example to people, biodiversity, water, soil, and traffic disturbances.

A Construction Environment Management Plan will be set up, to ensure mitigation is put in place and its effectiveness is monitored throughout the construction phase.

During construction, expected short-term impacts may include noise and traffic disruptions.

Before starting, we'll have a plan to manage these, including organising deliveries and travel to avoid busy times and sensitive areas. We'll work closely with community groups and contractors to ensure adherence to mitigation measures.

The challenges of undergrounding at 400kV

The environmental, technical, and operational constraints associated with undergrounding at 400kV make it extremely challenging to deliver in many areas of Scotland. For underground cables at this capacity, longer than 1-2km, additional substation infrastructure would also be needed, enlarging the project's footprint.

Underground cables at 400kV are estimated to be between 5 and 10 times more expensive than overhead lines, and since these costs are reflected in consumer bills, it's a factor that needs to be considered.

To deliver the necessary capacity, up to 30 parallel cables will be required. To achieve the required spacing, a trench of over 40m wide would need to be excavated, typically between 1m and 7m deep. During construction, a working corridor of over 70m wide is required for cable installation.

This can result in significant land use constraints, typically more so than overhead line construction activities, particularly for farming operations.

Trench of **OVER 40M WIDE AND 1-7M DEEP** would need to be excavated

UP TO 30 Parallel cables required

BETWEEN 5-10x More expensive than overhead lines

OVER 70M WIDE working corridor, which can result in significant land use constraints

Why can't the development be placed offshore?

In its assessment of what is required to meet 2030 targets, the National Energy System Operator (NESO), concluded there is a need for both onshore and offshore projects.

Overhead lines can carry roughly three times more power than subsea cables, making them more efficient and cost effective for energy bill payers, whilst technical challenges and constraints limit the use of only offshore solutions.

Moreover, onshore energy infrastructure helps support local electricity needs and improves the network's reliability across northern Scotland.

Visit our Frequently Asked Questions page to find out more about our engineering and technology considerations including more details regarding underground and offshore cables.

About the overhead line

Accessing the overhead lines

The construction of a new overhead line (OHL) is a major undertaking presenting significant construction challenges not just in terms of scale but also remoteness, terrain and seasonal weather conditions.

We will commission an experienced OHL contractor, enabling construction access considerations to be at the forefront of this stage in the design process.

Existing tracks and bellmouths

In general, proposed construction site access would be taken via the existing public road network and would make use of existing forest and estate tracks as far as practicable, upgraded as required.

Existing bellmouths would be utilised where possible, subject to improvements. New bellmouths may be required.

Access tracks

Where operational access is required, this would likely range from All Terrain Vehicle (ATV) routes with no formal track, to a stone road suitable for 4x4 and wagon access.

The selection of the type of track required will consider the proximity to a public road, environmental impacts, structure type and potential maintenance activities/ vehicles required in future to a given location (taking legal health and safety requirements into account).

General access track details will be included in the environmental assessment stage of the project and presented to illustrate where each access type will be deployed, and the rationale for that selection.

Stone tracks

Typically, new temporary stone tracks are likely to be required to access each steel tower location, as well as the requirement for inline access between towers. Stone tracks are designed to suit the heavy plant loads required for construction works for steel towers, and to suit the varied ground conditions along the route.

On completion of construction, unless required for operational access, the stone tracks would be removed and the original material reinstated. Where access to tower positions is difficult due to steep terrain, alternative methods would be proposed such as using smaller items of plant, specialist tracked plant, and in some cases using helicopters for moving materials.

Temporary trackways

Temporary trackways are an alternative method of providing access, dependent on ground conditions. Although there may be localised areas where trackways may be suitable, it is not considered an appropriate solution for the construction of steel lattice towers on this project in its entirety, due to the length of time they are required to be in place and the weight and size of construction plant that would be required to track over them. Stone tracks generally afford greater reliability and stability compared to trackway solutions. Similarly, the extensive use of wide tracked excavators and other plant without prior ground preparation are unlikely to be a viable solution for this project in its entirety, although they may be used for certain tasks during construction.

More details on our access strategy will be presented at our second consultation event.

Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

Project timeline

2024
- In February and May 2024 at Netherton Hub consultation events, we shared the project need for the tie-in and rebuild to energise the proposed 400kV substation.

2025
- Public Consultation Event 1 (alignment selection) – March
- Ongoing discussions with landowners
- Public Consultation Event 2 (final alignment) - Summer 2025
- Undertake Environmental Impact Assessment or voluntary Environmental Appraisal, based on chosen alignment option.
- Application for Section 37 Consent submitted Autumn/Winter 2025.

2026
- Section 37 review ongoing.

2027
- Receive Section 37 Consent determination early 2027
- Prepare submissions to discharge any conditions attached to consent
- Construction starts, subject to receiving Section 37 Consent.

2028
- Construction ongoing

2029
- Construction complete
- Commissioning

Note: This timeline is indicative

Have your say

We value community and stakeholder feedback. Without this, we would be unable to progress projects and reach a balanced proposal.

The feedback period

We will accept feedback from now until **16 April 2025.**

How to provide feedback

Submit your feedback online by:

- Scanning the QR code on this page or via the form on our project webpage at: **ssen-transmission.co.uk/netherton-400kv-ohl-rebuild**
- Emailing the feedback form to the Community Liaison Manager, or;
- Write to us enclosing the feedback form in this booklet.

We are pleased to present our alignment options and we believe the potential alignment strikes a balance between the various different considerations that we must take into account.

We intend to hold at least two pre-application consultation events prior to submitting the Section 37 Consent application. This is the first of two events. At the next public event, we will provide feedback to members of the public in respect of comments that they have made in relation to the proposals in this document.

Recite me

To support everyone online, we provide accessibility and language options on our website through 'Recite Me'. The accessibility and language support options provided by 'Recite Me' include text-to-speech functionality, fully customisable styling features, reading aids, and a translation tool with over 100 languages, including 35 text-to-speech.

Please select "Accessibility" on our website to try out our inclusive toolbar."

What we're seeking views on

Now that we have presented our alignment options and potential alignment, we want you to share your opinions on our plans, your suggestions for how we could make improvements, and any concerns about the impact of our work. If you live adjacent to the potential alignment, we want to work with you to discuss potential impacts and mitigation. By telling us what you think, you will help shape our proposals. We want to harness your local knowledge so that we spot any unforeseen challenges early and maximise the potential benefits and opportunities for your communities. Ultimately, we want to work with you to ensure that the energy infrastructure we build will be the best it can possibly be.

Our Community Liaison Team

Each project has a dedicated Community Liaison Manager who works closely with community members to make sure they are well informed of our proposals and that their views, concerns, questions, or suggestions are put to our project teams.

Throughout the life of our projects, you will hear from us regularly. We aim to establish strong working relationships by being accessible to key local stakeholders such as community councils, residents' associations, and development trusts, and regularly engage with interested individuals.

Community Liaison Manager

Gillian Doig

SSEN Transmission
200 Dunkeld Road,
Perth, PH1 3GH

gillian.doig@sse.com
07879 288 666

Additional information

The best way to keep up to date is to sign up to project updates via the project webpage: ssen-transmission.co.uk/netherton-400kv-ohl-rebuild

You can also follow us on social media

@ssentransmission @SSETransmission

Netherton Hub 400kV Overhead Line Connection to New Deer and Peterhead

Your feedback

Thank you for taking the time to read this consultation booklet. In order to record your views and improve the effectiveness of our consultation, please complete this short feedback form, or submit your feedback via the online form on our project website. Please note that comments on this form are not formal representations to the Energy Consents Unit (ECU). Once an application for consent has been submitted, all documents relating to the submission will be made publicly available and there will be an opportunity for the public to make formal representations to the ECU before it takes a decision.

Please complete in BLOCK CAPITALS. (Please tick one box per question only)

Q1. Is there a specific rebuild alignment that your comment relates to (please refer to the maps in the consultation booklet if required)? Please indicate the name of the rebuild alignment or the closest settlement.

☐ R1 ☐ R2 ☐ R3

Closest settlement:

Q2. Has the approach taken to select the Potential Alignment been clearly explained?

☐ Yes ☐ No ☐ Unsure

Comments:

Q3. Are there any factors, or environmental features, that you believe we may not have already considered during the Potential Alignment selection process?

☐ Yes ☐ No ☐ Unsure

Comments:

Q4. Do you have any specific concerns in relation to the Potential Alignment? If so, is there anything we could do to mitigate the impact of this?

☐ Yes ☐ No ☐ Unsure

Comments:

Q5. **Is there anything you'd like to bring to our attention regarding the Potential Alignment that you believe we may not have already considered such as environmental designations, water courses, local recreational areas, etc.?**

Comments:

Q6. **Do you feel, on balance, that the Potential Alignment selected is the most appropriate for further consideration at the environmental assessment stage?**

Comments:

Q7. **Our Community Benefit Fund will provide an opportunity for local groups and organisations to apply for community funding. Do you have any suggestions for local community benefits or local initiatives, such as volunteering, that we could support to leave a positive legacy in your area?**

Comments:

Full name: ..... **Telephone:** .....

Email: .....

Address: .....

We would like to send you relevant communications via email such as invitations to stakeholder events, surveys, updates on projects, services and future developments from the Scottish and Southern Electricity Networks group listed below. If you are happy to receive email updates please opt in by ticking the box below. You can unsubscribe at any time by contacting us at **stakeholder.admin@sse.com** or by clicking on the unsubscribe link that will be at the end of each of our emails.

☐ **If you would like to be kept informed of progress on the project, please tick this box**

Thank you for taking the time to complete this feedback form. Please submit your completed form by one of the methods below:
Post: FAO Gillian Doig - SSEN Transmission, 200 Dunkeld Road, Perth, PH1 3GH **Email:** gillian.doig@sse.com
Online: ssen-transmission.co.uk/netherton-400kv-ohl-rebuild

For information on how we collect and process your data please see our privacy notice available at today's event. This can also be obtained online at: **ssen-transmission.co.uk/privacy**

Comments forms and all the information from today's event will also be available to download from the project website.
We intend to use Artificial Intelligence (AI) to assist our experienced teams in the analysis of your feedback, so we can categorise key points raised more quickly. You can learn more about how we're utilising AI at**: ssen-transmission.co.uk/AIFAQ**

Any information given on the feedback form can be used and published anonymously as part of Scottish and Southern Electricity Networks consultation report. By completing this feedback form you consent to Scottish and Southern Electricity Networks using feedback for this purpose.

Notes


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