Scottish & Southern Electricity Networks

TRANSMISSION

South Formartine 400/132kV Substation

Information Event

December 2026



ssen-transmission.co.uk/south-formartine

Contents

Powering change together	03	Environmental considerations	17
Project overview	04	Engineering considerations	18
Project location - sites considered	07	The Town and Country Planning Process	19
Proposed site option: Site 3	08	Other projects in the local area	20
RAG tables	10	Next Steps	21
Beyond 2030: Powering Scotland's Future	13	Your feedback	22
Feedback and response	14	Notes	25
Project timeline	16		

The Information Event will be taking place on:

Thursday 3 December 2026, 1.30–5.30pm
The Station Hotel, Station Brae, Ellon AB41 9BD

Why we are here today

We are here to provide information on the site selection for South Formartine 400/132 kilovolt (kV) Substation project following our introductory events in June.

This project aims to construct a new 400/132kV substation in the South Formartine area, along the existing Peterhead to Persley to Kintore overhead line, strengthening the local electricity network to support current and future energy needs.

At this event, you are invited to:

- Review the proposed site for the new substation.
- Learn about the reasons behind selecting this location, and how feedback has informed our decision making.
- Share your opinions on potential impacts or concerns.
- Hear about the next steps

We will have experts on hand to answer any questions you may have. Your feedback is important and will help shape decisions about the substation's final location, its design, connections to the existing network and ways to minimise any effects on your community. By sharing your views, you're helping us to understand what matters most to the people who live and work here.

South Formartine 400/132kV Substation

Powering change together



If we want to deliver on clean power and energy security targets and provide power for future generations, upgrade to Scotland's electricity transmission infrastructure is needed.

The shift to a cleaner, more sustainable future is about more than tackling the impact of climate change, it's about ensuring that future generations can thrive.

Countries around the world are investing in their energy infrastructure to support increasing electricity demands and to deliver on clean power targets and the UK is leading the way in building a modern, sustainable energy system for the future.

We all have a part to play

The UK and Scottish governments have set ambitious energy security and clean power targets, and we all have a part to play in delivering them.

At SSEN Transmission, we work closely with the National Energy System Operator (NESO) to connect vast renewable energy resources - like solar, wind, hydro and marine generation — to areas of demand across the country. Scotland will play a particularly big role in meeting increasing electricity demand.

But there is more to be done. By 2050, the north of Scotland is expected to contribute more than 50GW of low carbon power to the GB energy system. Today, the region has around 11GW of renewable generation connected to the network.

At SSEN Transmission, it is our role to build the energy system of the future. To do that, we are planning to invest around **£29 billion** in the coming years to upgrade the electricity transmission network in the north of Scotland. It's an investment that will unlock cleaner, more secure energy for homes and businesses now, and for generations to come. **By 2050, annual electricity demand is expected to at least double** - our investment will support the connection of more clean power to meet that demand to the GB electricity network, supporting up to **17,500 jobs in Scotland,** with more than **8,000** of those in the north of Scotland, along the way.

Who we are

We are responsible for maintaining and investing in the electricity transmission network in the north of Scotland. We are 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 network across our region which covers a quarter of the UK's land mass, 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/subsea cables and overhead lines to electricity substations, our network keeps your lights on all year round.

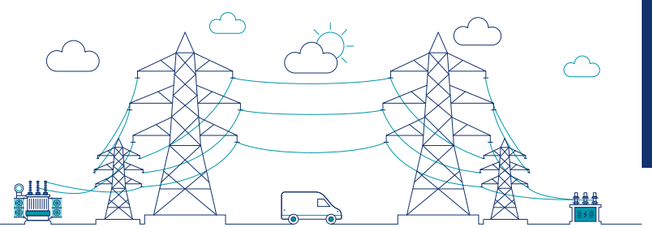
Working with you

We understand that the work we do can have an impact on communities and we are committed to minimising our impacts and maximising all the benefits that our developments can bring to your area. To do that we provide all the information you need to know about our plans and how they will impact communities like yours. The way we consult is also a two-way street and we want to hear people's views, concerns, or ideas – and harness local knowledge – so that our work benefits communities today and long into the future. You can share your views with us at: **ssen-transmission.co.uk/talk-to-us/contact-us/**

Project overview

We're strengthening the grid in Scotland's north-east and around Aberdeen by increasing capacity of existing transmission lines from 275kV to 400kV under the Peterhead to Persley to Kintore Upgrade project also known as PKUP. This upgrade will help ensure security of supply of power to the Aberdeen grid and help support delivery of renewable energy generated across the north and northeast of Scotland. There are four parts to the PKUP project and they are listed below:

- **Peterhead to Persley to Kintore Upgrade (PKUP)** which will replace the ageing overhead line (OHL) from Peterhead to Persley to Kintore, as it is nearing the end of its operational life. Reconductoring the OHL will maintain network security while also enabling future 400kV operation as part of the wider scheme;
- **South Formartine substation** which will build a new 400/132kV substation in the South Formartine area. Through this, PKUP will increase the Peterhead – Kintore network to 400kV and reduce the 275kV OHL from the Persley Tee point to Persley to 132kV;
- **Peterhead 400kV substation** works which will see installation of a new transformer building at our existing 400kV substation in Peterhead (Boddam) and transfer of the existing overhead line from Peterhead 275kV substation to Peterhead 400kV; and
- **Kintore 400kV substation** works which will see extension of the existing Kintore substation building and busbar. Like the works at Peterhead substation, these works will transfer the overhead lines from existing Kintore 275kV to Kintore 400kV, to allow the overhead line between Peterhead and Kintore to operate at 400kV.



Project need

Looking ahead, large amounts of new electricity—mainly from renewable sources like offshore wind—are expected to connect to the network from the late 2020s onwards. This will significantly increase the amount of power that needs to be transported across the region.

In the north-east of Scotland, the existing network is already becoming constrained, particularly between the Rothienorman and Kintore substations. Without upgrades, this would limit the ability to move electricity efficiently and could impact energy security.

To address this, a new 400kV substation is proposed in the South Formartine area, in the vicinity of the Persley Tee point. This will form part of a wider programme of reinforcement works, tying in to the Aberdeen grid and providing stability and clean energy for the city.

We carefully consider different options when changes to the network are needed. This includes balancing:

- Cost and technical performance
- Environmental impact
- Effects on local communities and land use

Only solutions that are practical, affordable, and likely to receive planning approval are taken forward.

Construction and energisation of the new substation is currently planned for completion by October 2032.

South Formartine 400/132kV Substation

Why the substation is required

1. Increasing network capacity

- Supports the significant rise in electricity generation, particularly from offshore wind
- Enables bulk power across the north east transmission network and provides network security to the Aberdeen grid.

2. Improving system reliability and resilience

- A double busbar is proposed for the South Formartine substation. This would enable flexibility in the maintenance of the substation without shutting down the entire system.
- Enhances fault management and reduces the risk of widespread outages

3. Modernising existing infrastructure

- Replaces ageing 275/132kV Super Grid Transformers at Persley Substation in Aberdeen City.
- Aligns the network with future 400kV system requirements

4. Supporting future network growth

- Provides capacity for additional connections beyond current projects
- Future-proofs the network for continued expansion of renewable energy

5. Supporting national energy and climate goals

- Enables transmission of low-carbon electricity across Scotland and beyond
- Plays a key role in achieving UK and Scottish clean power targets

What is a substation?

An essential component in the UK's energy network, substations connect sources of generation, such as wind farms and power stations. They connect overhead and underground cables and can also connect nearby utility systems. The purpose of a substation is to manage the electricity flowing within the network. This can include connecting and disconnecting certain circuits to direct the flow of energy, increasing or decreasing voltage (e.g. from 132kV up to 275kV or from 400kV down to 275kV), managing the frequency of the electricity, and increasing the efficiency and reliability of the power supply.



Project scope

A new 400/132kV substation

A modern 400kV substation will be built with a highly reliable double busbar design. It will include multiple connection bays with space for future connections. This substation will be required to connect into the existing Peterhead to Persley to Kintore overhead line circuits.

Planning for future growth

The new site will be designed to allow for:

- A 132kV substation that will tie into Aberdeen 132kV grid through overhead line.
- A 400kV overhead line that will connect to the existing Peterhead to Kintore overhead line circuit.
- A potential future high voltage direct current (HVDC) connection.
- Future onshore overhead line transmission connections.

New transformers

Two large transformers will be installed to connect the 400kV and 132kV networks, allowing electricity to flow efficiently between them.

Removing older equipment

Redundant overhead line along the route and substation equipment at Persley Substation will be removed.

Connecting to the existing network

The new substation will be required to connect into the existing Peterhead to Persley to Kintore overhead line. We will be consulting on the overhead line options at future events.







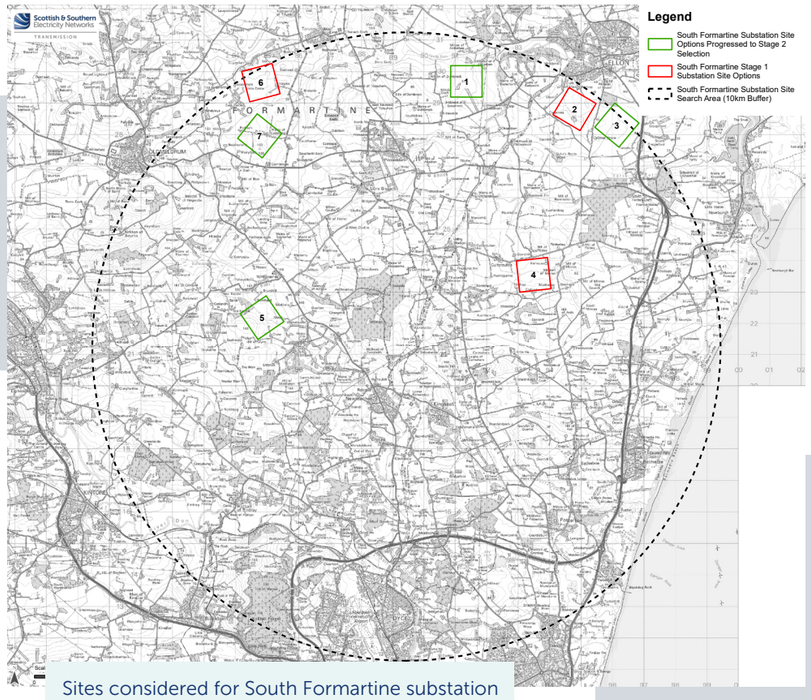
Project location - sites considered

Our site selection process makes sure the design, consenting, construction and operation of our projects are undertaken in a manner, which on balance, causes the least disturbance to the environment and the local community, while ensuring the solution being taken forward is economically and technically practical.

We initially looked for potential sites options for the proposed substation within a 5km radius of the Persley Tee point. However, due to the residential areas, community facilities, existing infrastructure and energy developments, the search area was increased to a 10km radius. Environmental constraints were reviewed in the 10km search area, and we identified seven potential sites.

Three of these sites were shortlisted and presented at our site selection information events in June 2026.

Following public feedback after these events, we re-assessed site 5 with sites 1, 3 and 7 based on the Red, Amber and Green (RAG) matrix criteria within our Site Selection Guidance. These are shown in the map below.



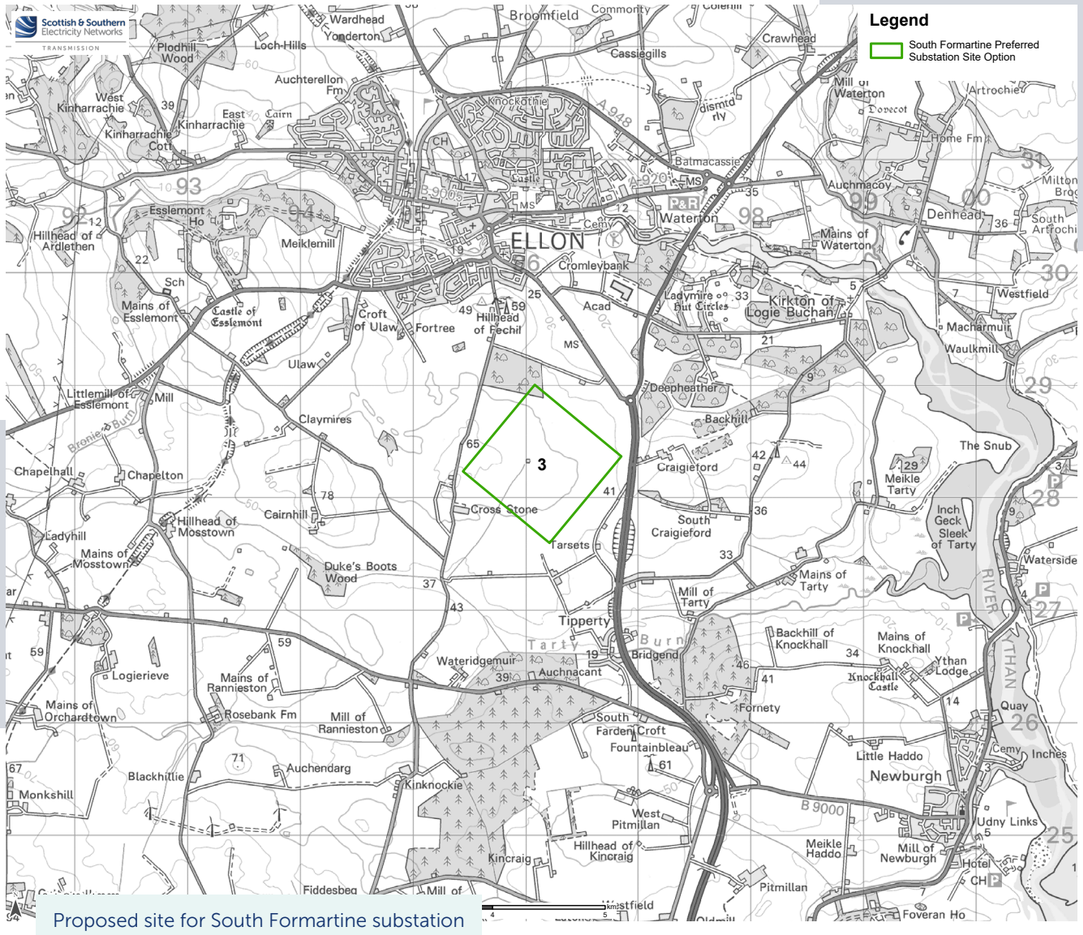
Sites considered for South Formartine substation

The Persley Tee Point
Is where the main Peterhead–Kintore overhead line branches off toward Persley substation, located north of the River Don.

Proposed site option - Site 3

Site 3 scored most favourable when compared to sites 1, 5 and 7.

Site 3 is being progressed as the selected site for the proposed substation at this stage. Sites 1, 5 and 7 are not being progressed.



Proposed site for South Formartine substation

South Formartine 400/132kV Substation

Summary of our site selection rationale

Site 3 is being progressed because:

- It requires less extensive earthworks than Sites 1, 5 and 7, making construction relatively easier.
- It has relatively flat ground with less than 15 degrees slope.
- It has the best access from the A90.
- It avoids major infrastructure constraints.
- It has fewer environmental and heritage issues.
- Its overhead line connection routes are generally the most balanced and deliverable.
- Overall, it performed best when engineering and environment were considered together.

Site 1 is not being progressed because:

- High pressure gas pipelines create a major constraint and uncertainty.
- More earthworks would be required.
- Access is more difficult and likely to affect Ellon.
- It carries greater delivery and construction risks.

Site 5 is not being progressed because:

- There is a flooding risk.
- The terrain requires significant earthworks.
- No viable local distribution network connection is available.
- It has high potential for heritage and agricultural impacts.
- The ground levels vary significantly up to 49 metres across the site, meaning extensive earthworks.

Site 7 is not being progressed because:

- It conflicts with a wind farm consent area.
- It creates more heritage impacts.
- It creates greater visual impacts and has increased potential for ecological and ornithological impacts.
- It requires longer and more complex overhead line connections



RAG Tables

Please find below the Red, Amber, Green ratings for each of the sites under consideration, across various environmental and engineering constraints.

Engineering

Category	Site 1	Site 3	Site 5	Site 7
Existing network	G	G	G	A
Future development possibilities	G	G	G	G
Interface with SSEN Distribution and generation	G	G	G	G
Technology	G	G	G	G
Adjacent land use	G	G	G	G
Space availability	G	G	G	G
Unique hazards	R	A	A	G
Existing Utilities and Installations	G	A	G	G
Topology	A	G	R	A
Geology	G	G	A	A
Elevation	R	A	R	R
Salt pollution	G	G	G	G
Flooding	G	A	R	A
Carbon footprint	A	G	A	A
Contaminated Land	G	G	A	A
Noise	G	G	A	A
Substation access road	A	G	A	A
Transformer delivery route	A	G	A	A
Operation and maintenance access	G	G	G	G

South Formartine 400/132kV Substation

Environmental

Category	Site 1	Site 3	Site 5	Site 7
Designations	A	A	A	A
Protected species	A	A	A	A
Habitats	A	G	A	A
Ornithology	G	G	G	A
Hydrology/geology	A	G	A	G
Flooding	G	G	A	G
Designated cultural heritage assets	A	G	R	A
Non-designated cultural heritage assets	A	A	A	A
Designations	G	G	G	G
Landscape character	A	A	A	A
Visual	A	A	A	A
Agriculture	R	R	R	R
Woodland/forestry	G	G	G	G
Recreation	G	G	G	G
Policy	A	A	A	A
Proposals	G	G	G	A

Combined Engineering and Environmental rating totals

Site	Red	Amber	Green
1	3	13	19
3	1	10	24
5	5	16	14
7	2	19	14

Next steps...

We will now finalise our site selection process and associated reports. Work will continue to develop and refine the site, to allow us to begin formal pre-application consultation. At this stage we will confirm:

- The site boundary (the planning application boundary)
- The proposed development in relation to the site boundary, with dimensions of all permanent structures, buildings, perimeter fencing, and any key drainage features and electrical features, such as transformers.
- Any required landscape and biodiversity proposals will also be identified and detailed as part of each planning submission. In some cases, the application will be subject to Environmental Impact Assessment (EIA). This may result in further alterations to the proposed development to reflect outcomes of the EIA consultation process.

Further public and stakeholder consultation will be undertaken to present our proposals ahead of submitting any planning applications.





Beyond 2030: Powering Scotland's future

Investing in the next generation of transmission infrastructure.

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

These projects are essential to:

- Enable additional ScotWind (offshore wind projects) connections.
- Support the deployment of homegrown, low-carbon electricity.
- Strengthen the UK's energy security and progress toward clean power.

March 2024

NESO published transitional Centralised Strategic Network Plan (tCSNP2) (Beyond 2030)

December 2024

Ofgem approves early stage development funding

July 2025

Ofgem publishes Clean Power 2030

2026

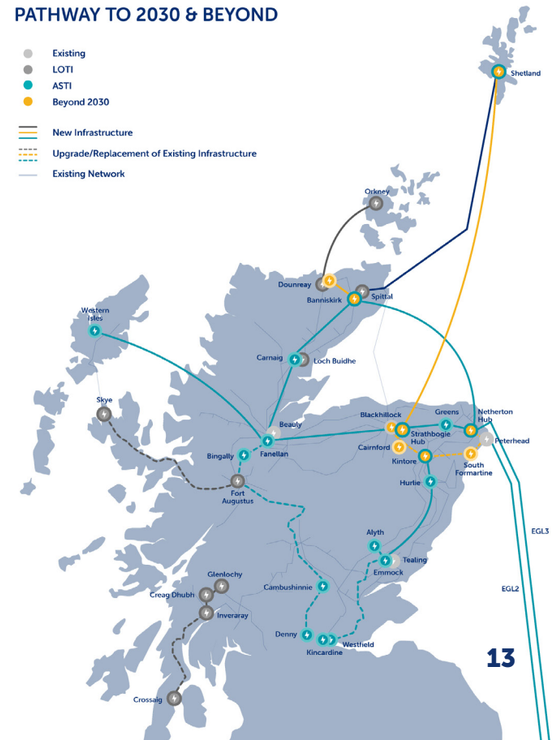
Further Ofgem decisions expected to support Clean Power 2030

You can read the NESO Beyond 2030 report here

Investing in communities

The Beyond 2030 projects represent a potential investment of over £5 billion in the north of Scotland by 2035. We recognise the importance of ensuring that this investment delivers tangible benefits for local communities, including:

- Job creation and skills development, particularly in rural and coastal areas.
- Community benefit funds linked to major infrastructure projects.
- Opportunities for local suppliers and contractors to participate in delivery.
- Environmental stewardship, including mitigation of visual and ecological impacts.



Feedback and Response

Our first information sessions for the South Formartine 400/132kV Substation were held in Ellon and Newmachar in June 2026. We invited feedback on three shortlisted site options, Sites 1, 3 and 7, and asked people to share local knowledge, concerns and suggestions to help inform the development of our proposals.

We appreciate everyone who took the time to attend, ask questions or submit comments. The table below summarises key themes raised through this round of engagement and how these are being considered as the project develops. It does not reproduce each individual submission.

Feedback Summary	Our Response
Respondents requested a clearer explanation of why the substation is needed, how it relates to the Peterhead to Persley to Kintore Upgrade project, and whether the proposals allow for future expansion.	The South Formartine substation forms part of the wider PKUP project. It will support the increase in operating voltage between Peterhead and Kintore to 400kV, while allowing the connection towards Persley to operate at 132kV, tying in with Aberdeen 132kV grid. The wider programme will strengthen the network and support current and future electricity needs. Detailed land requirements and any provision for future development remain subject to technical and environmental assessment. Any future infrastructure proposals would require the relevant assessment and consent processes.
Respondents questioned how the shortlisted sites had been identified and requested a clearer comparison of their advantages and constraints. Some favoured Site 1 because of its proximity to existing overhead lines, while others supported Site 3 because of its location near the A90. Concerns were also raised about the reasons for including Site 7.	Site selection considers environmental, engineering and cost factors, alongside feedback from communities and stakeholders. Site 3 is being progressed as the proposed site because it offers the best overall balance of the factors assessed, including ground conditions, construction access and connection requirements. Site 1 presents significant constraints associated with high-pressure gas pipelines, earthworks and access. Site 7 presents greater earthworks, landscape, heritage and connection challenges, as well as ecological and ornithological constraints.
Respondents asked for greater clarity on the new overhead line connections. Several questioned whether sites further from existing infrastructure would require longer connections and affect a wider area. Alternative locations closer to the existing network were also suggested.	The ability to connect each site to the existing network is an important part of site selection. Feedback on alternative locations and the extent of new overhead lines has been recorded for consideration alongside environmental and engineering assessments. Site 5 was reconsidered, but Site 3 remains the proposed site following further review. Route options were not presented at the June events. These will be developed and presented through a subsequent stage of consultation, allowing communities to comment on the connections as well as the substation.

South Formartine 400/132kV Substation

Feedback Summary	Our Response
Respondents raised concerns about wildlife, habitats and tree loss. Comments highlighted badgers, bats, birds and other wildlife, together with the importance of woodland and the wider rural environment. Respondents requested further surveys and information on potential environmental effects.	Environmental surveys and assessment work inform site selection and the development of the proposals. These include consideration of habitats, protected species, birds and the water environment. Local information provided through consultation helps the project team identify features requiring closer investigation. Further assessment will inform the detailed layout and measures to avoid or reduce potential impacts. The appropriate environmental assessment requirements will be determined through the consenting process.
Respondents highlighted potential changes to rural character, views and tranquillity, including effects on nearby homes, heritage assets and the setting of local communities. Requests were made for clearer information on the appearance and scale of the development, landscaping and screening.	Landscape and visual considerations form part of the site assessment. Further work will consider the proposed site in relation to landscape character, designations and sensitive locations, including nearby residential and community features. Cultural heritage considerations are also included in the assessment process. The layout and design will continue to be developed alongside this work, including consideration of opportunities to reduce visual effects. Further design information will be shared as the proposals progress.
Respondents raised concerns about the proximity of infrastructure to homes and local businesses, including an outdoor learning setting near Site 7. Comments covered operational hum, construction noise, lighting, health and well-being, and potential effects on property.	We recognise the importance of understanding potential effects on people living and working near the proposals. Site 7 is not being progressed. This does not remove the need to assess potential effects at the proposed site. Noise, visual and other environmental considerations will continue to inform the development of Site 3. Concerns about properties and community facilities have been recorded and will be considered alongside the technical assessments. Detailed findings and any proposed measures to reduce impacts will be developed as the project progresses.
Respondents raised concerns about construction traffic and road safety. These included potential disruption on the A90, the suitability of smaller local roads for heavy vehicles, congestion, school transport and access during poor weather.	Access and transport requirements form part of the site assessment. Site 3 offers better access to the A90 than the other shortlisted options, but we acknowledge that construction access and potential disruption still require assessment. Access arrangements and delivery requirements will be developed in greater detail as the design progresses. Feedback about local road conditions, school transport and other road users has been recorded for consideration by the project team.
Respondents highlighted potential effects on farmland, farming operations and rural businesses. Some questioned whether the land required for the substation and its connections could be reduced.	Agricultural land use is a constraint shared by the shortlisted sites and is considered alongside other environmental and engineering factors. The loss of agricultural land is an important consideration, including at Site 3. Detailed land requirements and potential effects on farming operations will continue to be considered as the layout and connection proposals develop. Engagement with affected landowners will inform this work.
Respondents suggested support for local community groups and environmental initiatives. Other comments questioned whether community benefits could adequately address the impacts of the proposed development.	Suggestions for local initiatives have been recorded for consideration as the project progresses. We welcome further ideas about how the project could leave a positive local legacy. Community benefit opportunities will be considered separately from the assessment of potential impacts and the measures needed to avoid or reduce them.

Project timeline

This timeline shows the main stages of the project from design development through consent, construction and commissioning.

2025
- Substation design development

2026
- **June:** Site selection consultation event
- **Ongoing:** Environment and engineering studies
- **Winter:** Information event

2027
- **Spring:** First Pre-Application consultation event
- **Summer:** Second Pre-Application public consultation feedback event
- Further project refinement
- **Summer-Autumn:** Consent applications for the substation and OHL tie-ins submitted to Aberdeenshire Council

2028
- Consenting decision(s) expected

2029-2030
- Construction works commence, if required consents are received
- Construction works ongoing

2032
- General construction and commissioning work complete
- Substation energised

*Please note that dates are indicative and subject to change.

South Formartine 400/132kV Substation

Environmental considerations

We consider environmental factors alongside engineering and cost when comparing sites. This helps us avoid or reduce potential impacts wherever possible.

Environmental surveys and detailed appraisals will be undertaken as we move through the stages of site selection to proposed site and consenting. This includes assessing landscape, visual and amenity; ecology, ornithology, geology, hydrogeology, hydrology and cultural heritage of the potential site. Once the proposed site is confirmed we will undertake further survey and detailed environmental assessments and we hold formal pre-application consultation events.

Ecology and Ornithology

Protected species and sensitive habitats could be present within the project area. However we have selected the short list of potential site options to avoid environmental designations and known sensitive habitats. We will assess the risk to species and habitats as we move through the stages of site selection, aiming to select a site alignment with the least risk to the environment overall. Achieving a Biodiversity Net Gain for the site will be an overall objective of the site development.

Landscape and visual amenity

We aim to position sites in locations that minimise the effects on landscape and visual amenity. Following on from the initial landscape and visual assessment at Stage 1 of the site selection process, Stage 2 will consider in detail the visual impact of the Preferred Site alongside landscape designations, landscape character and sensitive receptors, such as residential and community features, located in proximity to the Preferred Site location.

Cultural heritage

Scheduled, non-scheduled cultural heritage and archaeological features will be mapped and risk assessed through the stages of site selection, with detailed studies and survey undertaken on the proposed site once confirmed. The substation will be designed and constructed to ensure features of cultural heritage value are avoided, where possible. Where this is not possible, further site assessments will be conducted in consultation with Aberdeenshire Council and Historic Environment Scotland.

Geology, hydrology and hydrogeology

The geological and hydrological sensitivities of each site will be risk assessed throughout the stages of site and further refined once a proposed site is selected. The access points will be selected to minimise effects as far as possible.

Noise

Once the proposed site is confirmed, noise surveys will be undertaken to establish a baseline for assessment of both construction phase and operational noise. Specialist noise surveys and assessment will be undertaken in accordance with industry guidance and in consultation with Aberdeenshire Council.





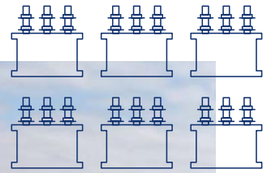
Engineering considerations

Alongside environmental factors, we also assess engineering requirements to make sure any proposed site can be built safely and connected efficiently to the existing network.

Key factors for site selection include access to transmission circuits, land availability, suitable ground conditions, and balanced environmental and community impacts. Ideally the South Formartine substation will be sited near to existing infrastructure to ease integration, support future wind farm connections, and accommodate any High Voltage Direct Current (HVDC) connections, reducing the need for further infrastructure and land take. By positioning it as close as possible to existing overhead lines, further works to connect overhead lines are minimised, although may still be required.

Technology choice

Following a technology selection exercise, this substation will be built using Air Insulated Switchgear (AIS), see example below.



AIS

An AIS substation is constructed with switchgear which relies on open air components, which can require large clearance areas for operation and safety.

The Town and Country Planning Process

Here we outline the anticipated consenting route for the substation and explain when and how you can take part in the formal planning process.

The legislation that enables the planning of the new South Formartine 400/132kV substation is the Town and Country Planning (Scotland) Act 1997.

Engaging the right people

Local Planning Authorities determine the outcome of any applications made under the Town and Country Planning Act and establish the planning pathway our substation projects must take, including which consents are required. This involves confirming whether projects require Environmental Impact Assessments (EIAs) under the relevant legislation. If our project is deemed non-EIA (due to its scale or potential environmental impacts), a voluntary Environmental Appraisal may be produced by us to support the consent application. These assessments would be made publicly available once submitted in support of a planning application.

The substation proposed as part of this project is classed as "National Development" under the Town and County Planning process; therefore, pre-application consultation is required with the public and interested parties. There will be further opportunities to provide feedback to us during the formal pre-application consultation process. Any comments made to us as the Applicant are not representations to Aberdeenshire Council as the planning authority. There will be opportunity to make formal representations to the planning authority following the submission of the planning application.



Other projects in the local area

As the transmission operator in the north of Scotland, we need to maintain and invest in the high voltage electricity transmission network in our area to provide a safe and reliable electricity supply to our communities.

The proposed South Formartine 400/132kV substation forms part of the wider Peterhead to Kintore upgrade project (PKUP) aimed at upgrading the regional transmission network in the north east of Scotland. A summary of each project is available below.

Peterhead to Persley to Kintore Overhead Line upgrade

We are proposing to upgrade the existing overhead line from Peterhead to Persley to Kintore. The project scope is split into two sections:

- reconductoring and re-insulating 51km of the 275kV overhead line from Peterhead to Kintore, preparing it for operation at 400kV.
- reconductoring and re-insulating a 12km section from the Persley Tee to the existing Persley substation while continuing to operate at 275kV.

Initially, the overhead line will continue to operate at 275kV until substation works are complete in late 2032, at which point 400kV operation between Peterhead and Kintore will commence, and the circuits from South Formartine substation to Persley will be downgraded to 132kV.

Find out more information on the project here: **ssen-transmission.co.uk/pkup.**

Peterhead upgrades

The Peterhead upgrade project involves the installation of a new 400kV/275kV Supergrid Transformer building to connect to the existing Peterhead 400kV substation. The project will also divert the existing 275kV overhead line between Peterhead - Persley - Kintore into the Peterhead 400kV substation and uprate the voltage.

Kintore substation upgrade

Kintore substation is currently undergoing essential upgrade works to replace ageing equipment. The Kintore substation upgrade project that is proposed as part of PKUP involves further upgrades of the existing 400kV substation to accommodate new 400kV busbar bays. The upgrade will allow the existing Peterhead – Kintore overhead line to be diverted from Kintore 275kV substation into Kintore 400kV substation.

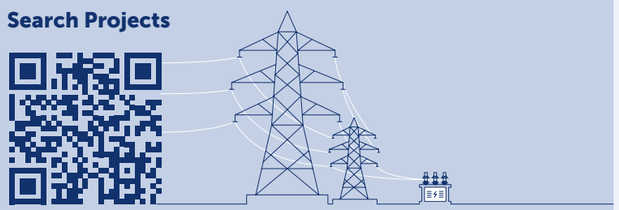
Local renewable developments

We know that local stakeholders are keen to understand the full extent of renewable developments being proposed in their local area. Applications to connect to the transmission network in our licence area are made to National Energy System Operator (NESO) and undergo a lengthy process of assessment before we begin to develop a network connection for those developments.

We aim to be transparent about the renewable developments looking to connect to our network but are not permitted to disclose any details of these developments until they are in the public domain.

A list of projects that hold contracts for Transmission Entry Capacity (TEC) with National Grid, the Electricity System Owner, is available from their website: **Transmission Entry Capacity (TEC) register | ESO (nationalgrideso.com)**

Search Projects



Next steps

We value community and stakeholder feedback. We are committed to delivering a meaningful consultation process that actively seeks the views of everyone affected by our plans. That means making our plans clear and easily accessible, so that you can give us input throughout each stage of the development process.

The feedback period

- We will accept feedback from now until **15 January 2027.**

How to provide feedback

- Submit your feedback online by scanning the QR code on this page or via the form on our project webpage: **ssen-transmission.co.uk/south-formartine**
- Email the feedback form to our Community Liaison Manager
- Or write to us enclosing the feedback form at the back of this booklet.

What we are seeking views on

We want you to share your thoughts and opinions on our plans, where you think we can make improvements, concerns about the impact of our work and any changes or refinements we can make. We'll be actively looking to mitigate the impacts of the South Formartine 400/132kV Substation project as much as possible over the coming months, but it would be helpful to understand what you believe we should be doing to help minimise these impacts and if there are any opportunities to deliver a local community benefit you would like us to consider.

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."

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

Catherine

SSEN Transmission, Unit 11,
Prime Four Business Park,
Kingswells, Aberdeen AB15 8NY

pkup@sse.com

You can also follow us on social media:

@ssentransmission SSENTransmission

SSEN Transmission

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/south-formartine

Your feedback

Thank you for taking the time to read this consultation booklet. To record your views and improve the effectiveness of our consultation, please complete this short feedback form.

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

Q1. **What are your views on the proposed site for the South Formartine substation?**

Comments:

Q2. **What information would you like to see at the next round of consultation?**

Comments:

South Formartine 400/132kV Substation

Q3. **Are there any environmental features that you consider important and that should be brought to the attention of the project team?**

☐ Yes ☐ No ☐ Unsure

Comments:

Q4. **Are there any suggestions for social or environmental community benefit opportunities in the area you'd like us to consider as the project progresses, or any local initiatives you'd like us to support?**

Comments:

Q5. **Do you feel sufficient information has been provided to enable you to understand what is being proposed?**

☐ Yes ☐ No ☐ Unsure

Comments:

Q6. **Are there any other comments you'd like to make?**

Comments:

Full name: ..... **Email:** .....

Telephone: ..... **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: SSEN Transmission, Prime Four Business Park, Kingswells Causeway, AB15 8PU

Email: pkup@sse.com

Online: www.ssen-transmission.co.uk/south-formartine

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.

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South Formartine 400/132kV Substation

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