



Redshaw 400kV Substation Project

Public Consultation

Scotland is producing more clean, green energy than ever before, and we need to strengthen the transmission network so we can get it to the homes, schools and businesses that need it.

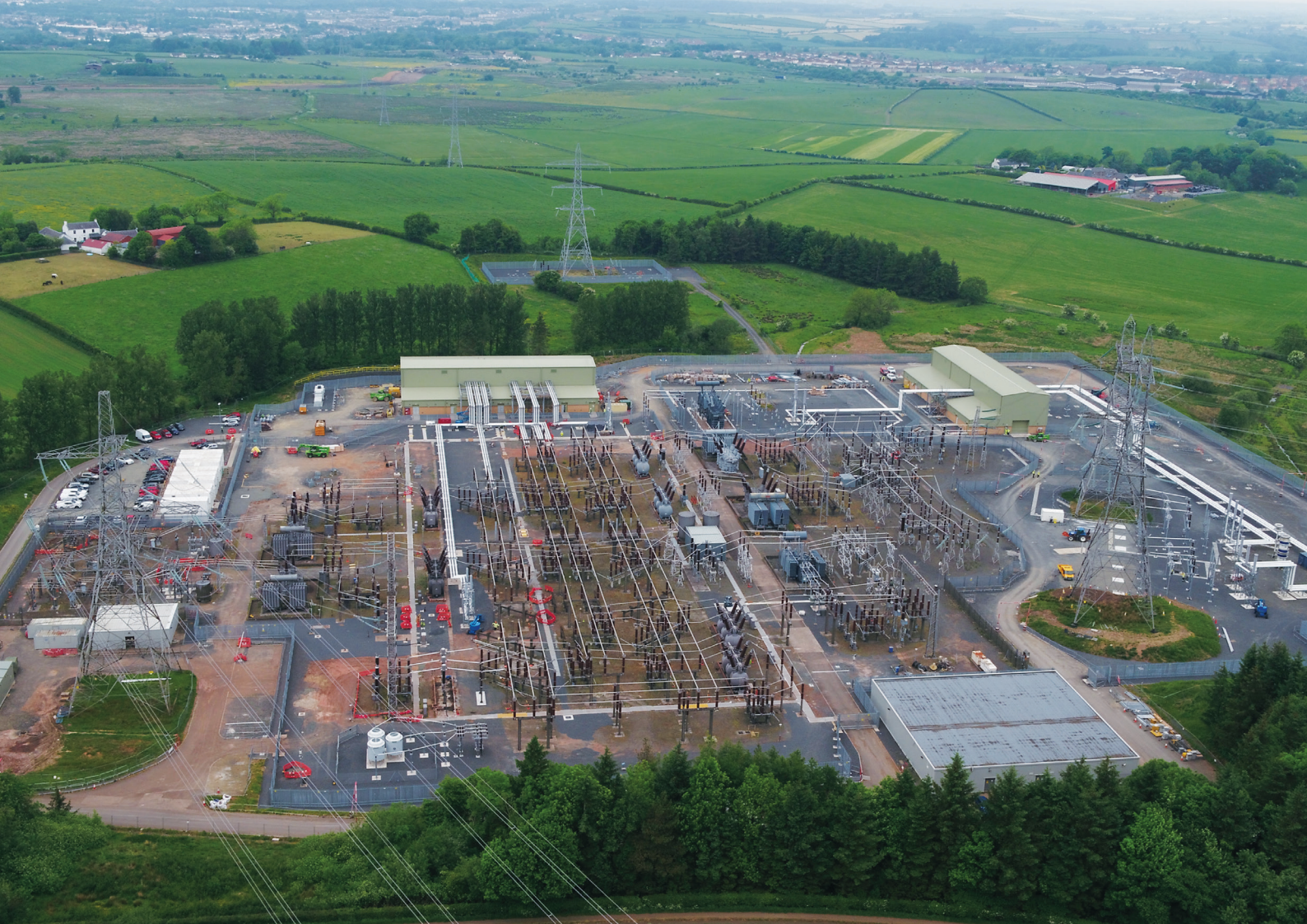
The UK and Scottish Governments are committed to increasing the use of renewable energy and have targets to achieve net-zero greenhouse gas emission by 2045 in Scotland and 2050 in the UK.

To help make this happen we need to build a new substation at Redshaw in South Lanarkshire, close to the existing 400kV (400,000-volt) overhead transmission line, to strengthen the electricity transmission network and guarantee secure energy supplies for the future.

In June 2023 we consulted local people on our initial proposals, and since then we have continued talking to stakeholders and conducting technical and environmental studies.

We have now refined our plans and we are holding a second round of public consultation so local people can give us their views. This leaflet tells you about our plans, where to find more information, and how you can give us your views.

We are holding public exhibitions in Douglas and Crawfordjohn in the first week of March, to seek feedback on our plans. We will then hold further events four weeks later to present final proposals before submitting a planning application. You can submit comments to us throughout this period.



Why is this substation needed?

Much of the electricity transmission network in Scotland was first built in the 1920s. Since then it has grown and evolved to meet industrial needs and serve the expanding population, but the network in the south of Scotland will soon be at full capacity – unable to accommodate all the clean, green renewable energy we will all need in future.

Around 2GW (gigawatts) of new renewable energy is expected to connect to the transmission network in this area in future.

A new high-voltage substation at Redshaw is essential to create sufficient extra network capacity. It will also strengthen the regional power network so it can cope with any unexpected faults in future, helping to guarantee the security of energy supplies.

What does the project involve?

The new Redshaw substation will include:

- A new 400kV Gas Insulated Switchgear (GIS) substation building, which will house gas insulated electrical switchgear and plant (85m x 45m)
- A second GIS substation building which will house gas insulated electrical switchgear and plant (30 x 20m)
- A small distribution substation building to provide ancillary power, lighting, heating and ventilation
- 4 x 360MVA transformers
- A new permanent access track from the local public road to the substation compound
- Internal access roads and vehicle parking
- A new 3m high steel palisade security fence and internal fencing around the live compound.

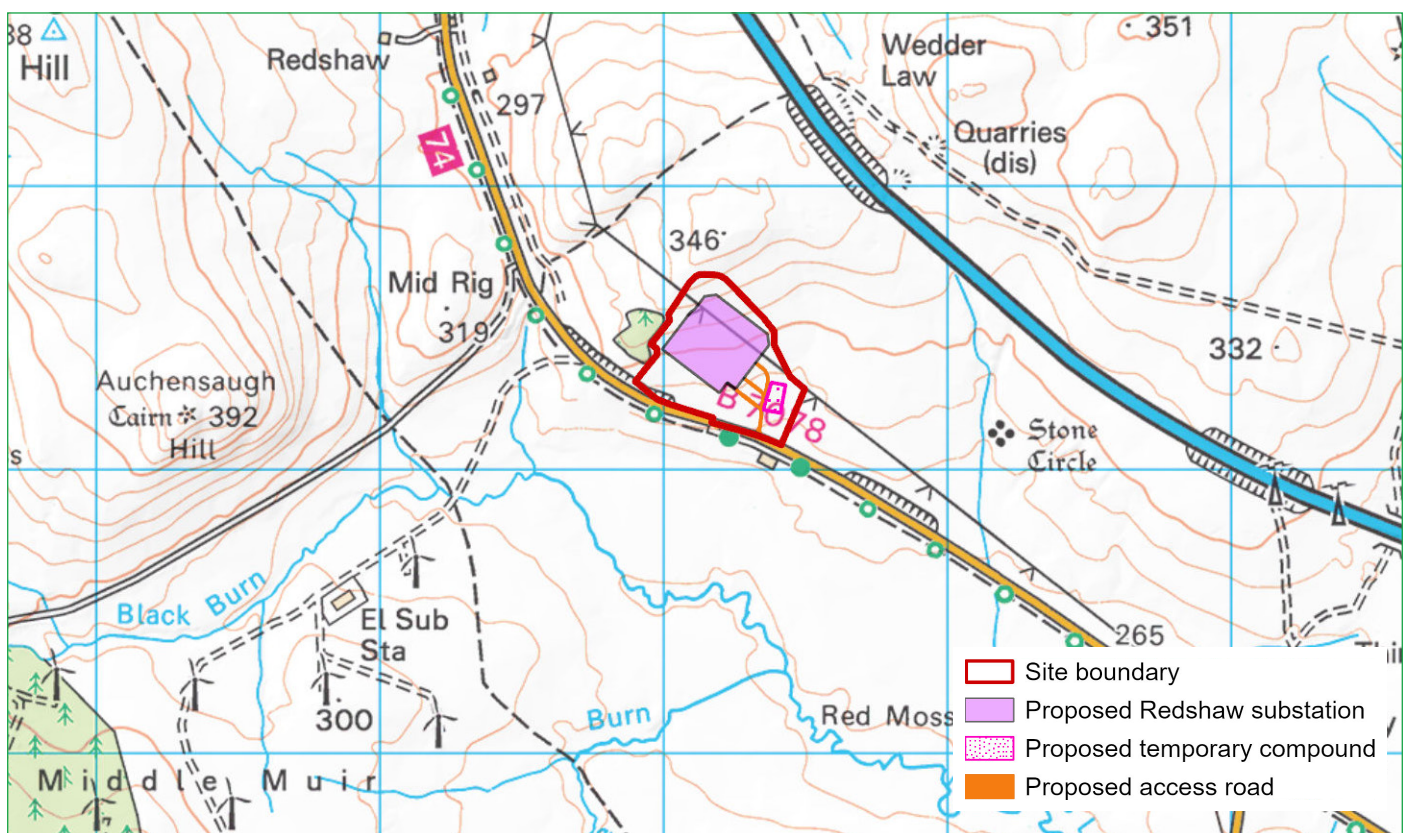
The potential site layout will be similar to SPEN's Kilmarnock South substation, pictured here.

The site for the proposed new substation is adjacent to the B7078 road, opposite the former Red Moss Hotel. The site is next to the existing 400kV overhead line, which passes between the B7078 and the M74 motorway.

Before selecting Redshaw as the proposed site for the new substation, SPEN worked with environmental consultants to identify a number of possible locations close to the existing 400kV overhead line and able to accommodate a new overhead line connection from Glenmuckloch in future.

You can find full details about the site selection process in our document Redshaw 400kV Substation – Substation Siting Study, which is on our project website at www.spenergynetworks.co.uk/pages/redshaw_400kv_substation

Following the first round of public consultation in June 2023, and ongoing technical and environmental assessments, we now have more detailed plans for the site including proposed vehicle access from the B7078. You can view the detailed plans on our website or at our public exhibitions.



We want to hear your views

SPEN attaches great importance to the effect our work may have on the environment and local communities. We want to hear what local people think about our plans, to help us develop the project in the best way.

All project documents, including the Pre-Application Consultation Feedback Report from our first round of consultation in 2023, are also on our project website, where you can also fill in an online feedback form. If you don't have internet access, you can call our Freephone number to ask any questions you may have, or request a personal call back from a member of the project team. We can also send you a paper feedback form and a Freepost envelope so you can complete it and return it to us free of charge.

Please come along to one of our public exhibitions, where you can see our plans in more detail and ask questions of the project team:

Monday 03 March, 2pm to 7pm
St Brides Centre, Douglas ML11 OPT
www.stbridescentre.co.uk

Wednesday 05 March, 2pm to 7pm
Crawfordjohn Hall, Crawfordjohn ML12 6SR
www.crawfordjohnhall.org

What happens next?

Following this second round of consultation we will finalise our design for the substation layout, including proposed locations for buildings, equipment, access routes and landscaping.

We will hold further events to present our detailed plans as follows:

Monday 31 March, 2pm to 7pm

St Brides Centre, Douglas MLI1 OPT
www.stbridescentre.co.uk

Tuesday 01 April, 2pm to 7pm

Crawfordjohn Hall, Crawfordjohn MLI2 6SR
www.crawfordjohnhall.org

We plan to submit a planning application under the Town and Country Planning (Scotland) Act 1997 (as amended) to South Lanarkshire Council in April or May 2025. The application will be accompanied by an Environmental Impact Assessment Report and a report summarising the feedback received and how this has influenced our proposals.

At this stage, your comments are not representations to the planning authority. When we submit an application for development consent, you will be able to make formal representations at that stage.



How to contact us

You can email us at:

Email: redshaw@communityrelations.co.uk

You can call us **free of charge** on:

Freephone: 0800 021 7890

You can write to us **free of charge** at:

Freepost: FREEPOST REDSHAW SUBSTATION

You can find more information about the project on our website:

www.spenergynetworks.co.uk/pages/redshaw_400kv_substation

