



SP Energy Networks **Coalburn North: New Substation**

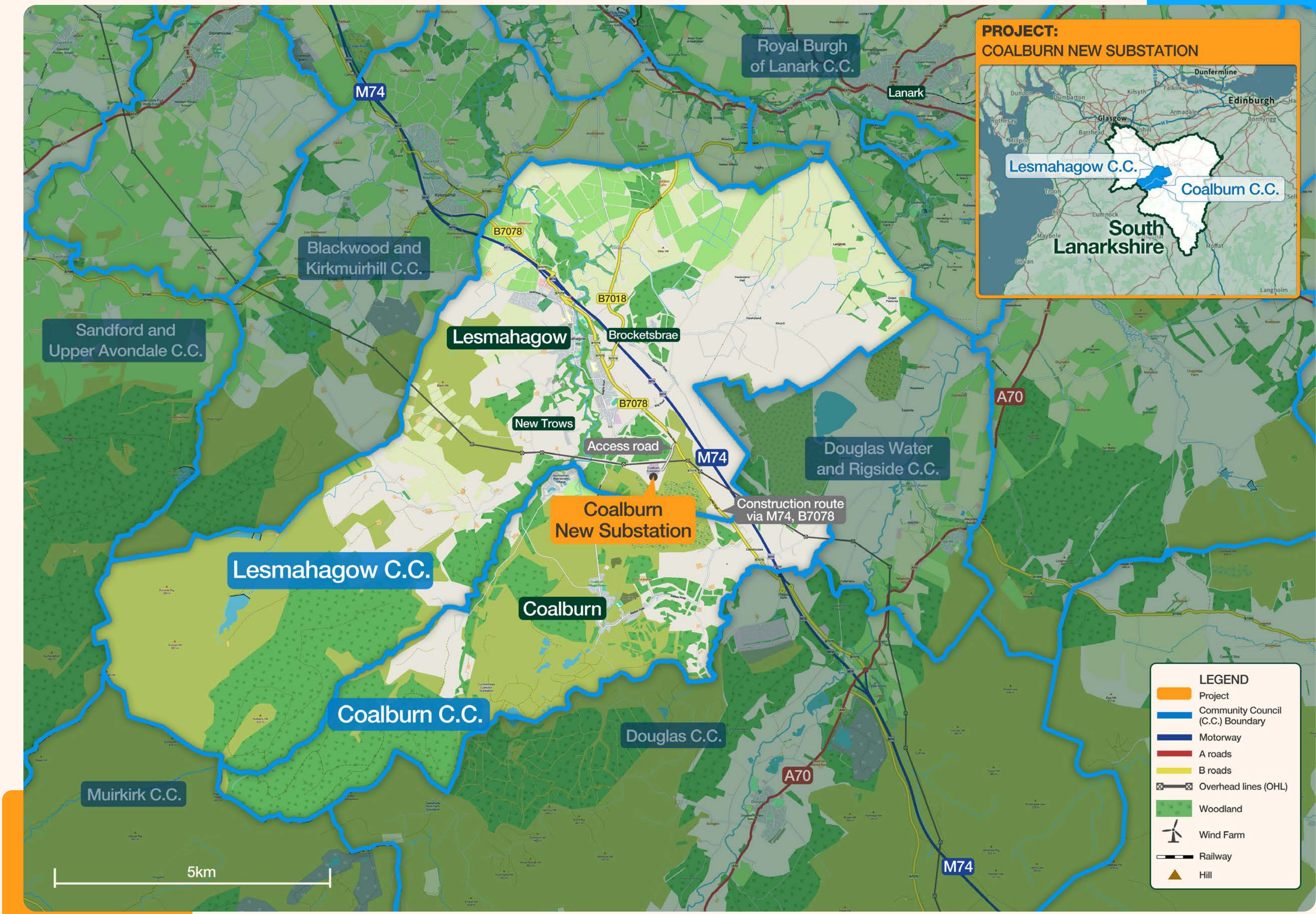
Representative imagery

Strengthening Scotland's grid for a cleaner tomorrow

SP Energy Networks is building a new substation near Coalburn in South Lanarkshire, designed to help move more clean electricity across Scotland's power network.

This major upgrade to the region's energy transmission infrastructure will deliver extra capacity to connect cleaner, greener energy to your homes and businesses, while boosting network capacity and reliability.

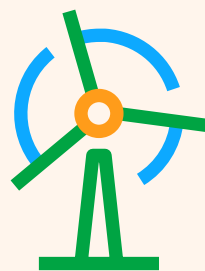
The work is part of wider efforts to support Scotland's net zero goals by helping wind farms connect to the grid and carry their electricity where it's needed.



What's happening at Coalburn North?

We're constructing a brand-new substation - Coalburn North – close to the existing Coalburn substation site near Lesmahagow and Coalburn village. This new substation will operate at 400 kilovolts (kV), significantly increasing the amount of power the network can handle; making supply more reliable and bringing more green energy into the grid.

The project will:



Increase green energy capacity: Enabling customers to benefit by connecting them to rapidly growing renewable generation in the region.



Keep bills down: Upgrading now helps avoid bigger and more expensive works later – protecting customers from higher costs.



Support future growth: The local area will be able to support additional demand in future, from technologies like electric vehicles or heat pumps.



Did you know?



A 400kV substation is like a hub for electricity. It manages how power flows from where it is generated (like wind farms) to where it is used (like your home or school). It can also change the voltage to make sure electricity travels safely across long distances.

By upgrading to 400kV, SP Energy Networks can transport more electricity from renewable sources like wind farms, helping Scotland stay on track to meet its climate goals.



Representative imagery

Who will benefit?

Communities across South Lanarkshire and beyond will benefit from a stronger and more reliable green energy network. This project supports the wider Scottish and UK ambitions for a low-carbon future by ensuring the grid is ready to carry more clean energy.

Why it matters

The Coalburn North substation project will:

- **Support net zero:** Helping homes and business to access more renewable power by expanding connections to wind and solar sources.
- **Increase energy capacity:** Allowing more electricity to move across longer distances with more reliability, reducing the chance of outages.
- **Improve reliability:** Delivering a more consistent power supply for customers.
- **Bring investment:** Our overall work to expand and strengthen the grid will bring more local jobs into the sector.
- **Reduce costs for customers:** Expanding network capacity now helps avoid costlier network upgrades in the future, protecting consumer bills.
- **Benefit local communities:** A Community Benefit Fund is available for each phase of the project to support local projects and priorities.

Community Benefit Fund

As with all our major transmission projects, a Community Benefit Fund will be made available to support local initiatives. This is a voluntary scheme designed to ensure the community shares in the benefits of the project.

SP Energy Networks: Who are we?

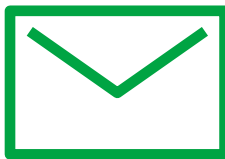
SP Energy Networks are Transmission Operators (TO) - we look after the high voltage power lines and pylons that carry electricity across central and southern Scotland, moving energy from where it's made to where it's needed. Our job is to help deliver cleaner, greener energy to homes and businesses by connecting more renewable energy, adding substations and lines, and improving the grid.



Learn more and get in touch



Visit our site:
spenergynetworks.co.uk/pages/community_benefits_funding.aspx



Email our dedicated mailbox:
communitybenefits@spenergynetworks.co.uk



Phone us on **020 3872 5895**

