



SP Energy Networks

Stranoch: Overhead Lines and Substation

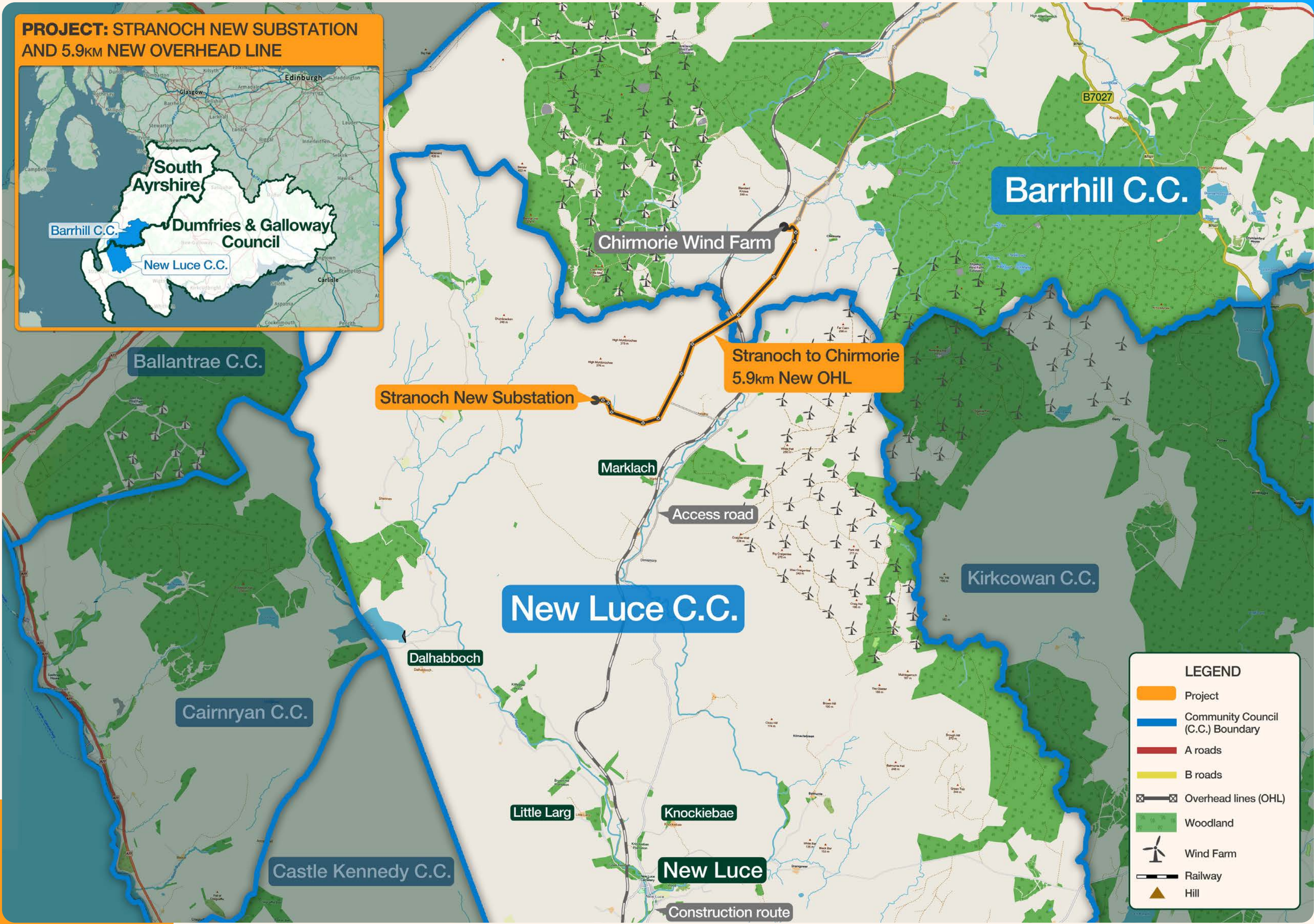
Representative imagery

Strengthening Scotland's grid for a cleaner tomorrow

Scotland's electricity network is changing – and SP Energy Networks is helping to make this happen.

We're delivering a major energy project to connect clean power from Stranoch Wind Farm to the electricity grid. This will move more green power to where it is needed; strengthening the network across Dumfries & Galloway and South Ayrshire. It involves building a new substation and overhead lines (OHL).

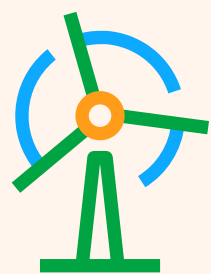
It will help ensure that local communities have access to greener energy and a more reliable energy supply, and help Scotland meet its climate targets.



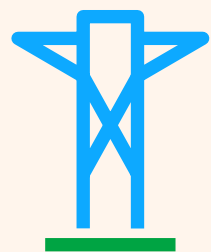
What's happening at Stranoch?

We are building a new substation at Stranoch - called Stranoch New Substation - along with 5.9km of OHL. These lines will carry green electricity from Stranoch Wind Farm into the grid, bringing more renewable power into the system.

This project will:



Boost green energy: The project will connect clean energy from Stranoch Wind Farm into the grid, enabling the electricity network to handle more green power.



Improve reliability: Delivering a more stable and secure electricity supply for customers across the region.



Keep bills down: Upgrading avoids bigger and more expensive works later – helping to protect customers from higher costs.



Did you know?



A substation is a key part of the electricity network. It acts like a switchboard, helping to manage and control the flow of electricity from power sources like wind farms to the homes and businesses that use it.

Overhead lines carry high-voltage electricity across long distances. They are supported by tall pylons and are essential for connecting renewable energy into the national grid.

A wind farm is a group of wind turbines that work together to make electricity. The wind turns the blades of each turbine, which spins a machine inside to create clean, renewable energy. They are often built in open, windy places - like hills or coastlines - so they can capture as much wind as possible. The power they produce is sent into the electricity grid and used in homes, schools, and businesses.

By building new lines and a modern substation, we are making the electricity grid stronger and more flexible - ready to support more renewable power and new technologies like electric vehicles.



Representative imagery

Who will benefit?

Communities across the region in Dumfries & Galloway and South Ayrshire will benefit from a stronger, more reliable energy network. This project helps Scotland achieve its net zero future by preparing the energy grid to meet the growing demand from clean technologies like electric vehicles and heat pumps.

Why it matters

The Stranoch Wind Farm connection will:

- **Support net zero:** Helping Scotland to meet its climate goals.
- **Enable future growth:** Ensuring the region can support increasing demand from technologies like electric vehicles and heat pumps.
- **Bring investment:** Our overall work to expand and strengthen the grid will bring more local jobs into the sector.
- **Benefits 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?

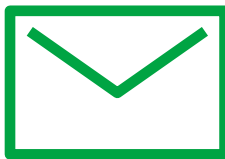
SP Energy Networks are Transmission Operators (TO) - we look after the high voltage power lines and pylons that carry electricity across central and southern Scotland, moving energy from where it's made to where it's needed. Our job is to help deliver cleaner, greener energy to homes and businesses by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



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