



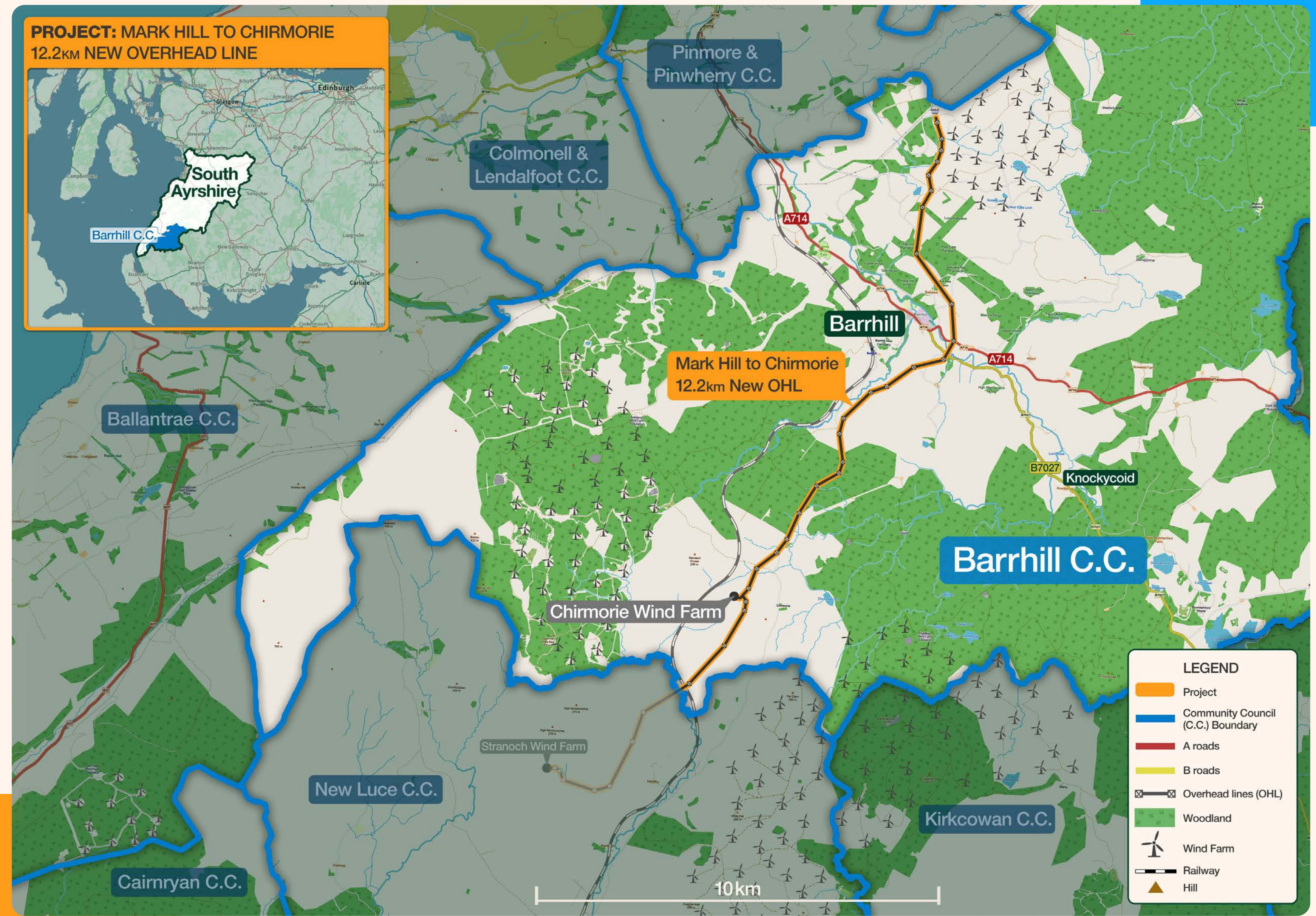
SP Energy Networks **Chirmorie: Overhead Lines**

Representative imagery

Connecting cleaner energy across South Ayrshire

As more wind power is generated across Scotland, new infrastructure must be built to move that electricity to where it's needed most. That is exactly what our project at Chirmorie Wind Farm will do.

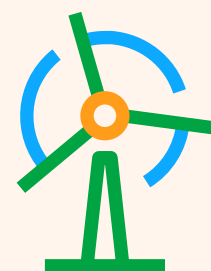
SP Energy Networks is installing new overhead lines (OHL) to connect Chirmorie Wind Farm to the wider electricity grid at Chirmorie Wind Farm Substation. This is part of a wider project to strengthen South Ayrshire's network and support Scotland's ongoing transition to a cleaner energy system that can meet increasing demand.



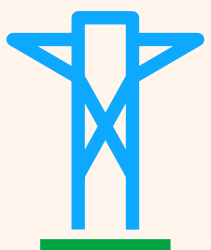
What's happening at Chirmorie Wind Farm?

To connect Chirmorie Wind Farm to the grid, we're building 12.2km of new overhead power lines. These lines will carry renewable electricity from the wind farm to the upgraded [Mark Hill Substation](#). Both projects are part of our wider efforts to boost network capacity, connect more renewable energy sources, and improve reliability of supply for customers across Scotland.

The Chirmorie Wind Farm OHL connection will help:



Deliver greener energy: Making sure the wind power generated at Chirmorie reaches homes and businesses across Scotland.



Strengthen the grid: The new lines will improve the capacity and flexibility of the electricity network for customers across South Ayrshire.



Keep bills down: By upgrading now, we can avoid bigger and more expensive works later – helping to protect customers from higher costs.



Ensure we are future-ready: This upgrade means the area will be better prepared for things like electric cars, heat pumps, and other clean technologies.

Did you know?



Overhead lines are used to carry high-voltage electricity across the countryside. They're supported by tall pylons and are vital for moving renewable energy from wind farms to towns, villages and cities.

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.

By installing new lines and improving key grid connections, we're helping to build a power system that's cleaner, more reliable, and ready for the future.



Who will benefit?

Homes and businesses across South Ayrshire will benefit from a stronger, more modern electricity network. This project supports the local transition to net zero by making it easier to connect and deliver renewable energy safely and efficiently.

Why it matters

The Chirmorie project will:

- **Support net zero:** The project helps cut carbon by increasing access to clean, renewable energy for Scottish customers.
- **Boost energy capacity:** The new substation will strengthen the electricity network so it can handle more power.
- **Improve reliability:** Delivering a more consistent power supply for local customers.
- **Bring investment:** Our overall work to expand and strengthen the grid will bring more local jobs into the sector.
- **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?

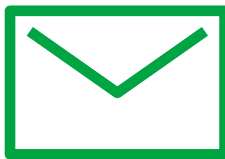
SP Energy Networks are Transmission Operators (TO) - we look after the high voltage power lines and pylons that carry electricity across central and southern Scotland, moving energy from where it's made to where it's needed. Our job is to help deliver cleaner, greener energy to homes and businesses by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