

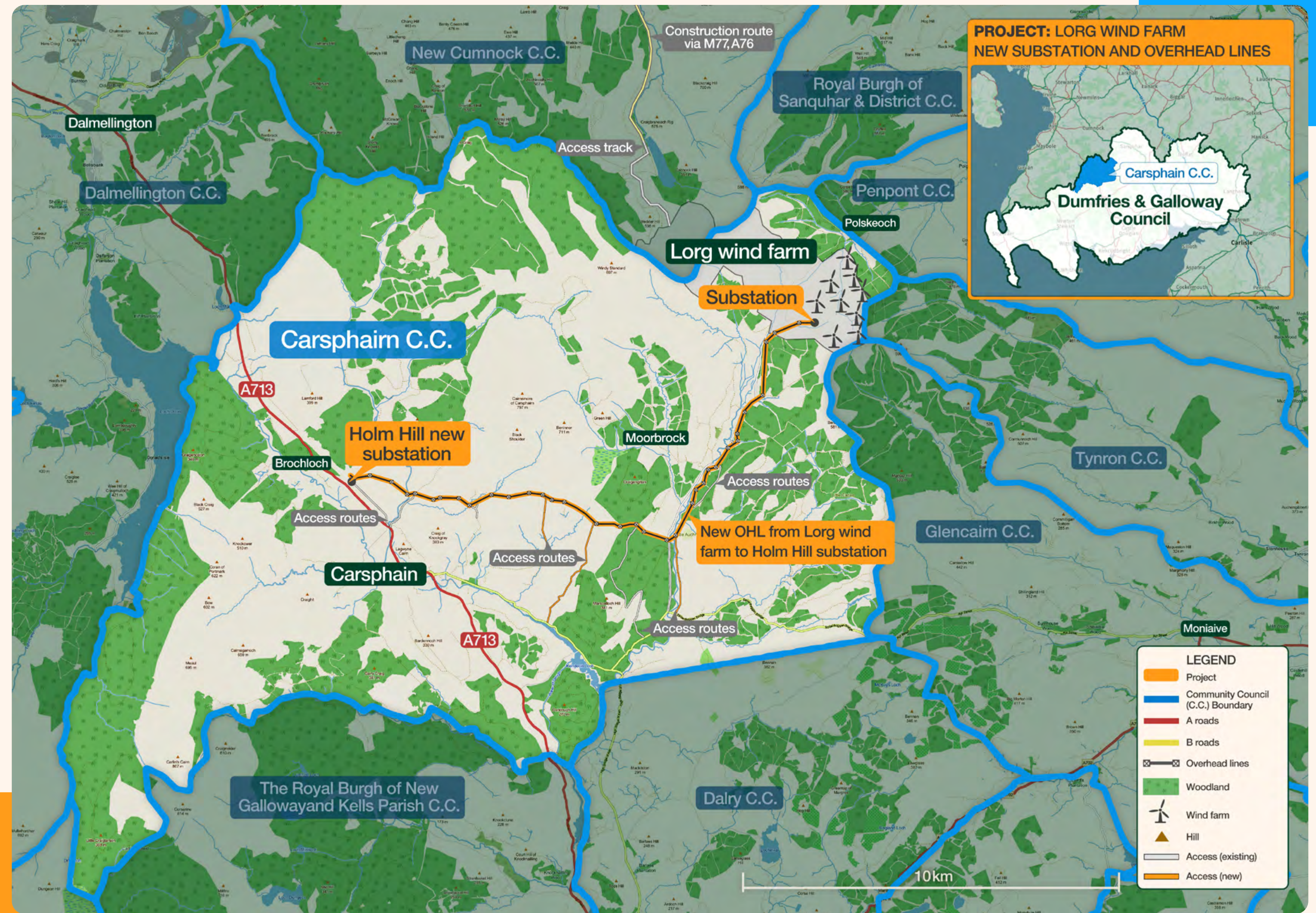
SP Energy Networks
Lorg Wind Farm:
Lorg Wind Farm Grid Connection

Lorg Wind Farm Grid Connection

Connecting more renewable power into
Scotland's electricity network

SP Energy Networks is delivering the grid connection needed to connect RWE's consented Lorg Wind Farm into the wider electricity transmission network.

Lorg Wind Farm is an onshore wind farm near Carsphairn in Dumfries and Galloway. As more wind power is generated across Scotland, new grid infrastructure is needed to move clean electricity safely and efficiently from where it is produced to where it is needed. The Lorg Wind Farm Grid Connection will help strengthen the network, increase renewable energy capacity and support Scotland's transition to net zero.



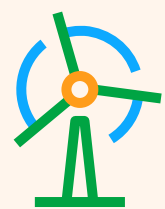
What's happening at Lorg?

The Lorg project brings together the wind farm development and associated grid connection works into one project. RWE is developing Lorg Wind Farm, while SP Energy Networks is delivering the infrastructure to connect it to the wider transmission network.

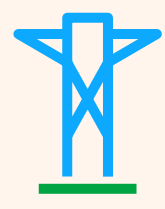
SP Energy Networks' works include a new 132kV overhead line connection between Lorg Wind Farm and the proposed Holm Hill Substation, together with associated grid connections.

- Installing 132kV and 33kV equipment.
- A new 8.3km overhead line from Lorg Windfarm to Holm Hill Substation.
- A new 9.2km overhead line from Lorg Windfarm to the Shepherds Rig tee point.

Together, these works will help:



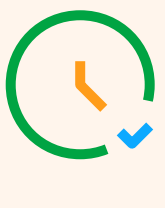
Connect clean energy: The project will allow renewable electricity generated at Lorg Windfarm to flow into the wider grid.



Strengthen the network: The new substation equipment and overhead lines will increase the capacity and flexibility of the local electricity network.



Improve reliability: A stronger grid helps maintain a more stable and secure electricity supply.



Support future demand: The works will help prepare the network for growing electricity use from electric vehicles, heat pumps and other clean technologies.



Keep bills down: Delivering upgrades now can help avoid bigger and more expensive works later.

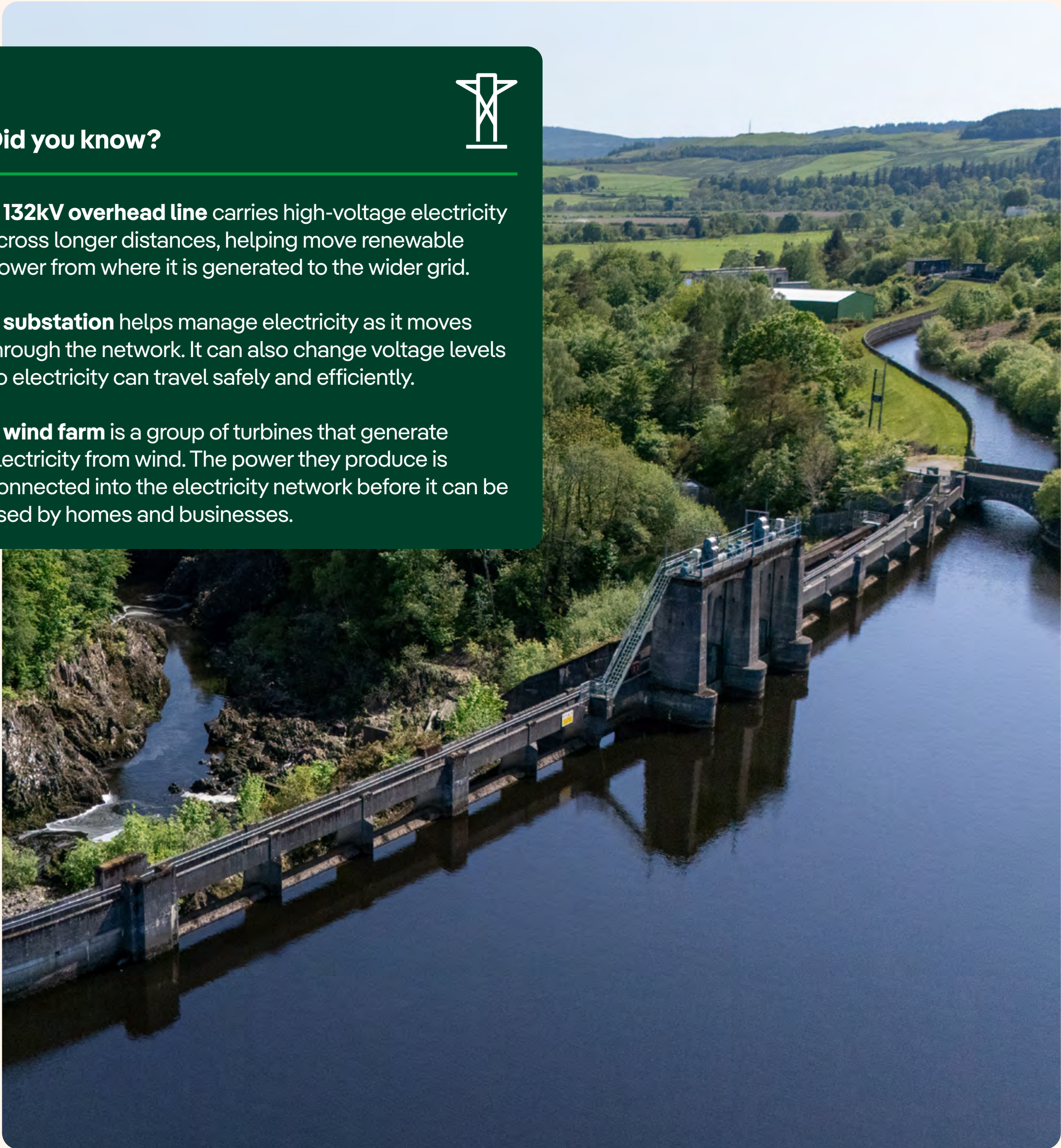


Did you know?

A **132kV overhead line** carries high-voltage electricity across longer distances, helping move renewable power from where it is generated to the wider grid.

A **substation** helps manage electricity as it moves through the network. It can also change voltage levels so electricity can travel safely and efficiently.

A **wind farm** is a group of turbines that generate electricity from wind. The power they produce is connected into the electricity network before it can be used by homes and businesses.



Who will benefit?

Communities across Dumfries and Galloway and the wider electricity network will benefit from a stronger, more flexible grid that can carry more renewable electricity. The project will help ensure clean power generated at Lorg Wind Farm can reach homes and businesses safely and efficiently.

Why it matters

The Lorg Windfarm project will:

- **Support net zero:** Connecting more wind power to the grid helps reduce carbon emissions.
- **Increase renewable capacity:** The new substation equipment and overhead lines will help move more clean electricity through the network.
- **Improve reliability:** Strengthening the grid supports a more secure and consistent power supply.
- **Support future growth:** The network will be better prepared for increasing demand from clean technologies.
- **Bring investment:** The works will support jobs and investment through the wider programme to strengthen the grid.
- **Benefit local communities:** One Community Benefit Fund will be available for the combined Lorg 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. For Lorg, the four linked project elements will be combined into one Community Benefit Fund. This voluntary scheme is designed to ensure the community shares in the benefits of the project.

SP Energy Networks: Who are we?

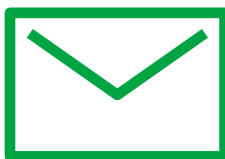
SP Energy Networks are Transmission Operators. We look after the high-voltage power lines and pylons that carry electricity across central and southern Scotland, moving energy from where it is made to where it is needed. Our job is to help deliver cleaner, greener energy to homes and businesses by connecting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