



Green Knowes Windfarm Repowering Public Information Event

June 2026



Introducing Green Knowes Windfarm Repowering



Who are we?

ScottishPower Renewables (SPR) is part of the ScottishPower group of companies operating in the UK under the Iberdrola Group, one of the world's largest integrated utility companies and a world leader in wind energy. ScottishPower now only produces 100% green electricity. Its focus is on wind energy, smart grids and driving the change to a cleaner, electric future.

At SPR, we are committed to developing renewable energy responsibly and strive to be a good neighbour in all aspects of our work. We want to maximise the opportunities to benefit from our projects for local communities in Perth and Kinross Council and the surrounding area.

Our goal is to strike the right balance, by ensuring that any potential impacts as a result of our developments are minimised where possible and demonstrate that the benefits of our projects add real value, are wide-reaching and shared with the community.

We are committed to early consultation with the local community in the development of our projects and throughout the development process, to ensure local stakeholders are given the opportunity to provide feedback and are kept informed of project progress.



Green Knowes Windfarm Repowering

SPR is proposing to develop and repower the operational Green Knowes Windfarm located northwest of Glendevon in the Ochil Hills.

Currently, the operational Green Knowes Windfarm has a total of 18 turbines, generating 27 megawatts across the site. At present these turbines have maximum blade tip height of 111 metres. As currently proposed, the Green Knowes Windfarm Repowering project will consist of fewer wind turbines, approximately 14, with a maximum blade tip heights of up to 200 metres.

The use of larger, more powerful and efficient turbines allows for a greater generation of green, clean energy while having fewer turbines deployed. As the repowering is currently proposed, the development could see over three times more energy production. This would help reduce reliance on traditional non-renewable sources of energy such as fossil fuels.

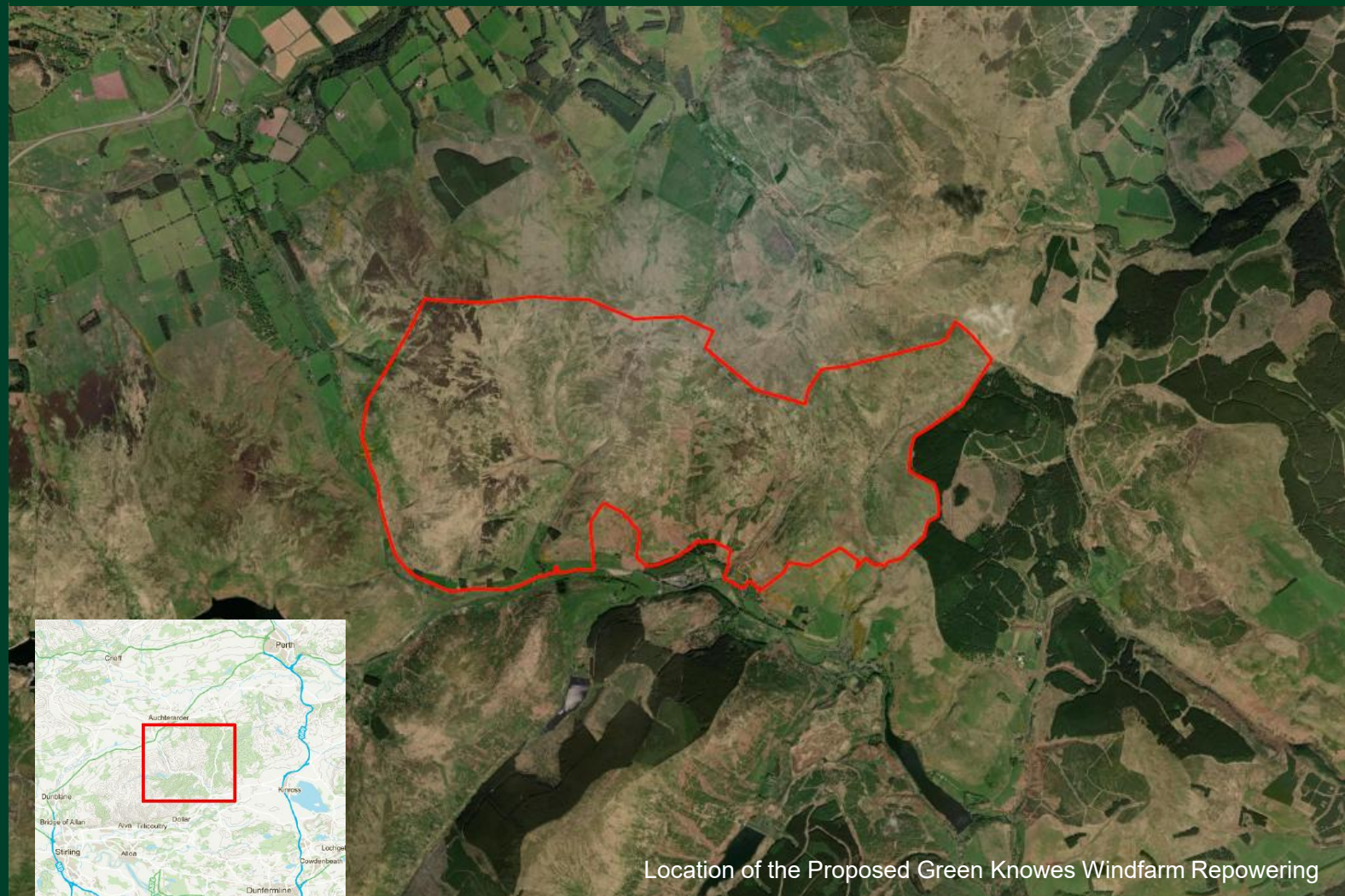
A preliminary indicative turbine layout has been developed for the purposes of scoping the environmental impact assessment (EIA) requirements for repowering the site and for consulting and engaging with local communities and stakeholders. This preliminary layout maximises the energy production whilst considering the environmental constraints that are known from the Windfarms' existing operations, public data resources, and desktop studies.



Have your say

ScottishPower Renewables are hosting public information events at the below locations on the corresponding dates. We would be delighted if you could come along as this will be an opportunity to learn more about the proposed repowering of Green Knowes Windfarm and make your voice heard.

- **Auchterarder, Aytoun Hall, 11th June 15:30 – 20:00**
- **Muckhart, Coronation Hall, 12th June 15:30 – 20:00**



Location of the Proposed Green Knowes Windfarm Repowering



The need for renewable energy

Policy at the global, UK and Scottish level is changing rapidly in response to the growing threat of climate change. Decarbonisation requires a reduction in our reliance on fossil fuels and an increase in the generation of renewable and low-carbon energy, such as onshore wind. Key policies that highlight the need for renewable energy in Scotland include:

- The Climate Change Act 2008, as amended in 2019, which sets a legally binding target for the UK to achieve net zero greenhouse gas emissions by 2050, compared with 1990 levels.
- The Climate Change (Emissions Reduction Targets) (Scotland) Act 2019, which sets even more ambitious statutory targets for Scotland, including a net zero target by 2045, placing Scotland at the forefront of climate action.
- National Planning Framework 4 (NPF4), adopted in 2023, which makes tackling the climate emergency a central purpose of the planning system and provides strong support for renewable energy developments where environmental and community impacts are appropriately addressed.

Scotland continues to rely on fossil fuels for a significant proportion of its energy needs. Increasing renewable energy generation is essential to meeting statutory climate targets, improving energy security, and protecting consumers from volatile energy prices.

Renewable energy developments can also deliver local benefits, including employment, investment in the local economy and community funding. Planning policy particularly encourages the repowering of existing sites using modern, more efficient technology, as this makes best use of established locations and infrastructure while limiting additional impacts on communities and the environment.

Onshore wind is a key part of Scotland's energy mix and is now one of the most cost-effective forms of new, large-scale electricity generation, helping to support a cleaner, more secure and sustainable energy future for local communities and for Scotland as a whole.



Environmental considerations

We are currently undertaking a range of environmental assessments to inform the site design and for submission alongside a future planning application to the Energy Consents Unit (ECU). These include:

- Landscape and visual impact
- Ecology and biodiversity
- Heritage and archaeology
- Traffic and access
- Noise
- Hydrology
- Peat & Soils

The overall aim is to design a layout that has the least environmental impact whilst optimising the renewable energy generation from the site. The environmental considerations will be assessed during the environmental impact assessment (EIA) and findings documented in an Environmental Impact Assessment Report (EIAR). The Environmental Statement will form part of a future planning application submission.



Community benefits of Green Knowes Windfarm Repowering

We believe the benefits of our projects should be shared with the communities in which we work. We have been working alongside communities in the UK for nearly two decades and have, to date, contributed more than £78 million in benefit funds to support initiatives and projects for those communities local to our windfarm sites.

Community benefit funds have led to the delivery of a diverse range of projects, including environmental improvements, educational programmes, heritage and tourism schemes, provision of life saving defibrillators and investment in energy efficiency measures within community buildings.

Over £269,000 of community benefit has been used to support valuable community led initiatives and projects in Perth and Kinross. Repowering Green Knowes Windfarm will further increase community benefit funds available to neighbouring communities within the local area of Perth and Kinross allowing for greater community enhancement.

VISIT OUR WEBSITE



LEARN MORE ABOUT REPOWERING



FIND OUT MORE ABOUT OUR COMMUNITY BENEFITS



Powering your community

We are committed to being a responsible developer of renewable energy and strive to be a good neighbour in all areas of our work. We encourage as many people as possible to get involved in and to learn more about our projects, particularly in understanding the local economic and social benefits our developments can create.

As we progress with repowering Green Knowes Windfarm, we will engage with communities, local stakeholders and Perth and Kinross Council to understand how benefits could be delivered to best meet the needs of the local area, should the proposed development be consented.



Benefits of repowering

- Increased electricity generation = increased security of supply
- Building and maintaining new assets = jobs and supply chain opportunities
- More generation from windfarm = more community benefit funding to share
- New technologies available = increased efficiency – significantly increasing the capacity of the original windfarm, with fewer turbines
- Repowered site = further investment in ecology and the local environment
- Old assets = Sustainable resources for research & training, recycling and restoration into assets like bus shelters and other re-usable components



Next steps

We welcome your feedback on our initial proposal to help us refine the details of Green Knowes Windfarm Repowering. Please contact us using the project email below to provide us with your comments.

We will use the findings from environmental surveys, technical studies, and consultation feedback to continue to shape the design of the proposed development ahead of submitting a planning application to the Energy Consents Unit.

Please note that any comments made to SPR on the proposal at this stage are not representations to the planning authority. When the planning application is formally made, statutory consultation will be undertaken. At that time, you will have the opportunity to make a formal representation on the proposal.

You can view more detailed information on our website by scanning the QR code to the left or by searching:

[Green Knowes Windfarm Repowering - ScottishPower Renewables - scottishpowerrenewables.com](https://www.scottishpowerrenewables.com)

Contact us at:

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