

Barnesmore Windfarm Repowering Public Information Days



Wednesday 16th October
4.00 pm until 8.00 pm
Barnesmore Community Centre, Barnesmore

Thursday 17th October
11.00 am until 5.00 pm
Leghowney Community Hall, Leghowney

Why are we contacting you?

ScottishPower Renewables (SPR) has owned and operated Barnesmore Windfarm since 1997. The site has made a pioneering contribution to Ireland's Renewable Energy targets and low carbon objectives.

We are seeking to secure and build on this contribution and propose to 'repower' the Site; removing the existing 25 turbines and replacing these with 13, larger, more efficient, modern turbines and co-located energy storage. Since the initial Public Information Days (PIDs) held in May 2019, we have been conducting significant work on the Development. At our second round of PIDs in October 2019, you have the opportunity to:

- See how the Development has progressed since May 2019
- Understand the guiding design principles of the project
- Have an overview of the environmental and technical work undertaken
- Openly discuss the Development with the Project Team; and
- See the economic benefits of the proposal and engage with the community benefit opportunities.

We currently anticipate submitting the application for planning consent to An Bord Pleanála as a Strategic Infrastructure Development (SID) by the end of 2019.

ScottishPower Renewables (SPR)

ScottishPower Renewables is part of the ScottishPower group of companies operating in the UK. ScottishPower is part of the Iberdrola Group, one of the world's largest integrated utility companies and a world leader in wind energy.

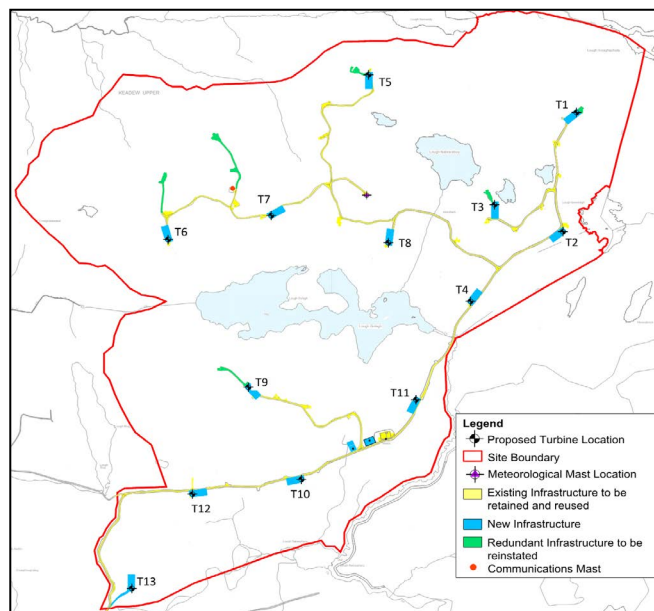
ScottishPower only produce 100% green electricity - focussing on wind energy, smart grids and driving the change to a cleaner, electric future. The company is investing the equivalent of over €7m every working day to make this happen and is committed to speeding up the transition to cleaner electric transport, improving air quality and over time, driving down bills to deliver a better future, quicker for everyone.

Iberdrola has recently entered into the Republic of Ireland domestic energy market with Iberdrola Ireland. Customers are now able to sign up to 100% green electricity tariffs.

SPR is responsible for progressing onshore renewable projects in Ireland and the UK, and offshore windfarms throughout the world, with responsibility for managing project development, construction and operation. We are at the forefront of the renewables industry, through pioneering ideas, forward thinking, and outstanding innovation which in turn drives economic success.

Site Layout

The final layout below has sought to maximise renewable energy generation from the site, whilst still minimising any resulting environmental effects. It also shows the extent of infrastructure being reused.



Barnesmore Windfarm Repowering key facts

	Existing Site	Repowered Site
Number of Turbines	25	13
Tip Height (metres)	61 m	Up to 180 m
Turbine Power (MW)	0.6 MW	Approx. 5 MW
Site Capacity (MW)	15 MW	Approx. 65 MW
Energy Storage	No	Yes, up to 15 MW

* Final turbine choice will be made prior to construction

Key Design Considerations

One of the key principles of the design process was to reuse as much of the existing infrastructure on the Site as possible. This helps to minimise any effects upon the sensitive peatland habitats. Where this is not possible, any new infrastructure is carefully located to avoid the most sensitive areas. Additional design considerations include the sensitivity of peatland habitat on Site, proximity to residential properties, ground stability, landscape sensitivities and the presence of protected species. Further details on these, and other considerations will be available at our PIDs.

SPR and Ireland

SPR has a long-standing commitment to the island of Ireland, operating five onshore windfarms. Barnesmore was one of the first sites in the company portfolio and has been operating successfully for over 20 years. We have also made major investments in key projects at Irish ports in support of our offshore developments.

Powering your community

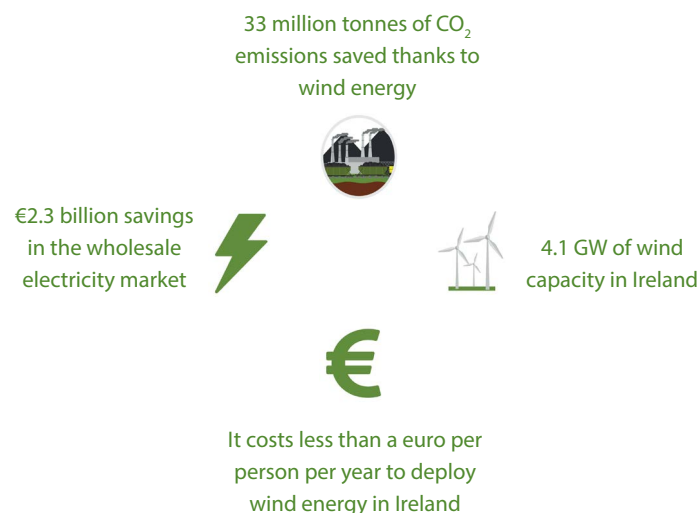
SPR is committed to being a responsible developer and operator of renewable energy and we strive to be good neighbours in all areas of our work. We encourage as many people as possible to get involved and to learn more about our projects, maximising the local economic and social benefits our developments can create as we continue to engage local communities, stakeholders and councils.

In recent years, SPR has voluntarily provided a package of community benefit on all new development projects to enable the local communities hosting a windfarm to share in the benefits of their local wind resource. If consented, it is proposed that the Barnesmore Windfarm Repowering will offer an associated community benefit package and we are interested in hearing about the communities' aspirations and what benefits could be delivered. SPR operational windfarms have, to date, contributed the equivalent of €34 million of support towards community initiatives close to our windfarms.

SPR's preferred approach is to empower local communities to determine how the fund is used to the greatest benefit locally. This has resulted in a wide range of initiatives being delivered; from contributing towards the purchase and creation of a playpark in a rural village and to the costs of local community minibuses assisting low mobility local residents access local amenities, to supporting work experience places, educational workshops and much more. We want to hear what kind of benefits you would most like to see in your community?

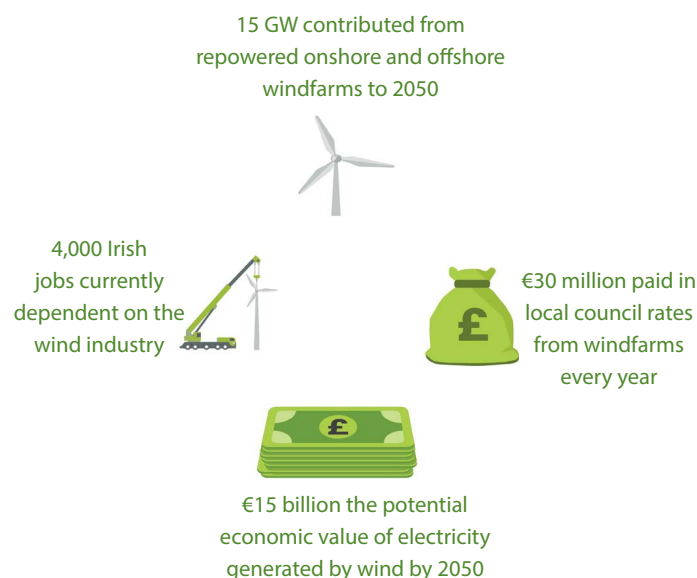
Onshore Wind in Ireland

Onshore wind is Ireland's cheapest source of new energy generation and contributes to reducing energy imports and electricity bills.



Source: Baringa Cost-benefit analysis of wind energy in Ireland 2000 - 2020

Onshore wind is already an established industry in Ireland offering opportunities in a number of areas.



Source: Baringa Cost-benefit analysis of wind energy in Ireland 2000 - 2020

During the many years of operation of Barnesmore Windfarm, SPR has employed the services of numerous local companies who support the operation and maintenance of the Site, and the repowering will provide further opportunities for local companies to tender for work on the project, with 'meet the developer days' to introduce local suppliers to the project team.

Contact Us

Write to us:

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Email us:

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Visit us online:

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