

Economic Impact

Kilgallioch Windfarm Extension is expected to create opportunities for:

- haulage
- turbine base and access track construction
- fencing installation
- catering
- transport
- the supply of building materials (e.g. concrete)
- mechanical, electrical and supervisory services
- waste management
- site and building maintenance and cleaning
- waste oil recycling
- snow clearing
- consumables deliveries
- cleaning

“Over a 4 year period, the local windfarm projects and extensions were of great financial benefit to my cleaning business. As well as allowing me to increase the hours of my current staff, I was also able to offer employment to 4 additional staff members for the duration of the work”

Verena Graham, Verena’s Cleaning Services



Construction:

- £4.0 million GVA and 60 years of employment in SW Scotland; and
- £18.6 million GVA and 289 years of employment in Scotland.

Operation:

- £0.4 million GVA and 6 jobs in SW Scotland; and
- £0.6 million GVA and 9 jobs in Scotland.

Climate Change & Carbon Reduction

The potential savings in CO₂ emissions due to the proposed Development replacing other electricity sources over the lifetime of the windfarm are approximately:

- 65,000 tonnes of CO₂ per year over a fossil fuel mix of electricity
- Assuming a 40-year life, the turbines would save 2.6m tonnes of CO₂ emissions compared to a fossil fuel mix of electricity and repay the carbon emissions related to construction activity in around 2.6 years⁽²⁾
- The UK Government announced in June 2019 that it will commit to a new plan to cut greenhouse gas emissions to ‘net zero’ by 2050, to tackle climate change.



The Scottish Government has ambitions for Scotland to be world leaders on tackling climate change by setting a net-zero carbon emissions target by 2045.



Powering the Future

Onshore wind is the lowest-cost form of new power generation available⁽³⁾.

UK Public Support for Onshore Wind has reached a record high of 79% according to the BEIS Public Attitudes Tracker report published May 2019.



Kilgallioch Windfarm Extension

A proposal to develop an extension to Kilgallioch Windfarm



About ScottishPower Renewables

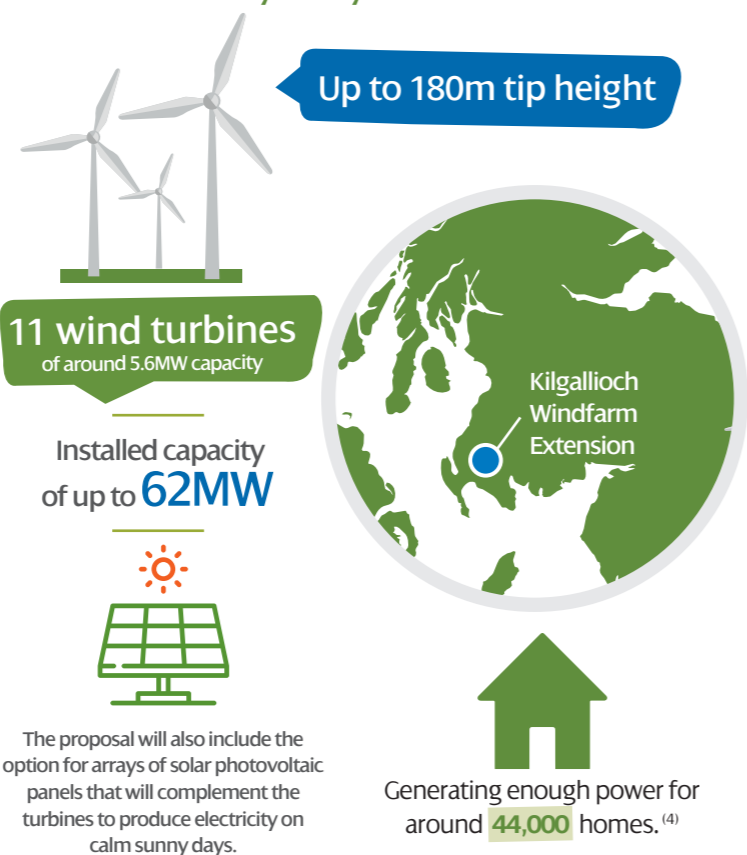
ScottishPower Renewables is part of the ScottishPower group of companies operating in the UK under the Iberdrola Group, one of the world's largest integrated utility companies and a world leader in wind energy.

ScottishPower produces 100% green electricity – focusing on wind energy, smart grids and driving the change to a cleaner, electric future. The company is investing over £4m every working day in 2019 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.



Whitelee Windfarm

Site Summary - Key Facts



Economic Benefits

Package of Community Benefits

Jobs supported - Meet the contractor days for local business opportunities



Training and education



Once operational the windfarm will contribute a significant sum in business rates to the economy, expected to be in the region of £700,000 per year.

In 2017 a report by BVG Associates considered economic benefits from eight onshore windfarms commissioned by SPR in south west Scotland during in 2016-17. A summary of the findings showed⁽¹⁾:



A total investment of **£1.6 Billion**

66% UK content

51% Scottish content, including 16% local (south west Scotland)



Over the lifetime of the projects this estimated the economic impact as:

£297 million local value-added⁽¹⁾



Benefits to the Community

SPR has a long association with the south west of Scotland with windfarms in both South Ayrshire and Dumfries and Galloway. Community benefit funds have contributed to a wide variety of good causes which include:



25 skills and employment projects



27 environmental projects

158 youth and education projects

Some examples in Dumfries and Galloway were:

- £20,000 to Inspired Community Enterprise Trust to pay salary costs for a Mentor to work with young people with Additional Support Needs.
- £9,899 to Hub Dumfries and Galloway to improve energy efficiency and home heating for the elderly.
- £8,985.00 to Kirkcovan Angling Club for the lease of fishing rights on sections of the rivers Tarff and Bladnoch on Craichlaw and Shennanton Estates.
- £10,000 to Port William Community Development Trust to contribute to the costs of extending the community Youth Centre.

To date SPR has contributed over **£5.8 million** in community benefit funding to communities in Dumfries and Galloway.



References

- (1) BVG Associates; 2017; Economic benefits from onshore windfarms
- (2) Scottish Government Carbon Calculator for windfarms v1.5.1
- (3) BEIS; Electricity Generation Costs, 2016
- (4) BEIS; Sub-National Electricity and Gas Consumption Statistics, Jan 2018 (based on average household consumption of 3781 kWh)

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Better future, quicker



Cover image: Kilgallioch Windfarm, turbine tip heights 146.5m.
Other images: Whitelee Windfarm, turbine tip heights 110m.

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