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

• 34,750 tonnes of CO2 avoided annually compared with a fossil fuel-mix of electricity generation
• Assuming an illustrative 30 year life the turbines would save 1.04 million tonnes of CO2 compared to a fossil fuel-mix of electricity, and will repay the carbon emissions related to its construction in around 1 year(1)
• 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(5)

Construction & Operation

During the lifetime of the Development the Repowered Rigged Hill Windfarm is expected to create opportunities for:

• Haulage
• Turbine base and access track construction
• Remowing installation
• Catering
• Transport
• Supply of building materials
• Mechanical, Electrical and Supervisory services
• Waste management
• Site and building maintenance
• Waste recycling
• Snow clearing
• Cleaning
• Consumables deliveries

Climate Change & Carbon Reduction

Rigged Hill Windfarm Repowering

A proposal to Repower the existing Rigged Hill Windfarm

Bbetter future, quicker

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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 now only 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 electricity, improving air quality and over time, driving down bills to deliver a better future, quicker for everyone.

A report undertaken by Baringa looked at the economic effects of Northern Irish windfarms on consumers. It found that through the deployment of 1.4GW of wind between 2000 – 2020, Northern Ireland will have seen a total net benefit of £135 million to consumers as a result of windfarms. A summary of findings showed:

- 72,000GW of fossil fuels avoided
- £1 billion of wholesale energy cost savings
- Between 2000 and 2020, wind generation has avoided 9 million tonnes of CO2 emissions
- Northern Ireland Renewables Industry Group states that windfarms represent £1.3 billion of investment into the Northern Ireland economy, and local councils receive more than £10 million annually from business rates alone

Some examples of projects supported include:

- Rigged Hill: Community Benefit Package which could fund local projects including those identified by Drumsurn in its village plan, which could improve community buildings, support new services and expand village infrastructure
- Improvements to community centre accessibility
- Local youth group summer activity programs
- Work with Belleek Playgroup to create a new sensory garden
- Duke of Edinburgh Award expedition training equipment
- Training and education
- Meet the buyer events to allow local contractors to learn about and tender for local opportunities
- Proposing the implementation of a Community Benefit Fund
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Economic Benefits

Proposing the implementation of a Community Benefit Fund

Meet the buyer events to allow local contractors to learn about and tender for local opportunities

Training and education

- £6 billion of wholesale energy cost savings
- 72,000GW of fossil fuels avoided
- 80,000 tonnes of CO2 avoided

Benefits to the Community

Through our established presence in Northern Ireland, SPR has voluntarily contributed to local communities surrounding our windfarms including donations made to the Fermanagh Trust and funding for local primary schools, as well as community funding for local services and infrastructure. Some examples of projects supported include:

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