



FOREWORD

We are proud of our relationship with South Ayrshire. Through positive engagement with stakeholders, communities and local suppliers, ScottishPower Renewables has been investing in the region for over 20 years and will continue to develop strong relationships to help shape and inform our future plans whilst delivering a lasting legacy for generations to come.

We recognise the importance of empowering local communities by putting decision making in their hands and we are committed to being a good neighbour to the communities in which we work.

To date, we have committed over £8m to community benefit funds within South Ayrshire and we have been delighted to see these funds being used by local communities to deliver projects such as outdoor education programmes for school pupils across the region, the delivery of community events and festivals, improvements to local sporting and recreational facilities as well as assistance during, and to rebuild as we move forward from, the COVID-19 pandemic.

Through our existing renewable energy projects within the region at Arecleoch, Mark Hill, Dersalloch, Glen App and Kilgallioch Windfarms we have utilised a number of local suppliers, helping to create

and sustain employment opportunities with local companies.

As a Principal Partner in last year's COP26 climate change summit, we are confident that one of the best ways to support a sustainable economy recovery is investment in renewable energy.

Green energy from onshore wind is proven to be the lowest cost form of generation able to deliver rapid decarbonisation, cleaner transport and cleaner home heating. It also delivers jobs, kick starts the economy and tackles climate change at the same time.

Climate change has moved to the mainstream of political debate amid a groundswell of public support to make faster progress in cleaning up the environment and decarbonising the economy.

ScottishPower Renewables' South Ayrshire projects have the potential to deliver an additional 259MW of clean renewable electricity, an additional 65MW of energy storage and a positive step towards Net Zero.

We are delighted to be bringing Arecleoch Extension, and proposals for Carrick and Clauchrie Windfarms, to the region as part of our investment and growth plan. They will have an important and positive part to play in delivering a better future, quicker for everyone.



ARECLEOCH WINDFARM EXTENSION

Arcleoch Windfarm Extension is located on the National Forest Estate to the south west of Barrhill. ScottishPower Renewables received planning consent to build and operate the windfarm in November 2021.



13 wind turbines each able to generate around **5.6MW** of clean electricity.



Generating enough electricity to power between **53,000 - 60,000**** average UK households.

A total generating capacity of **72.8 MW** with the potential to save **96,000 tonnes** of carbon dioxide per year in comparison to a fossil fuel mix of electricity generation.



20MW energy storage facility.

This will also include additional benefits such as:

- Around £14m community benefit funding over the operational life of the windfarm.
- An opportunity for the local community to invest in the operational windfarm.
- A Habitat Management Plan to restore 39 hectares of previously damaged peatland and plant 30.6 hectares of woodland to compensate for the loss of commercial forestry within the site.

**BEIS Sub-National Electricity and Gas Consumption Statistics, Jan 2018 (based on average household consumption of 3781 kWh).

Arcleoch Windfarm





CLAUCHRIE WINDFARM

Clauchrie Windfarm would be located in an area of commercial forestry on the National Forest Estate to the north east of Barrhill. An application to build and operate Clauchrie Windfarm was submitted to the Scottish Government in December 2019, and is awaiting planning determination. If consented it would comprise of:



18 wind turbines each able to generate around **5.6 MW** of clean energy.



Generating enough electricity to power around **84,000**** average UK households.

A total generating capacity of around **100MW** with the potential to save **106,000 tonnes** of carbon dioxide per year in comparison to a fossil fuel mix of electricity generation.



An energy storage facility of up to **25 MW**.

This could also include additional benefits such as:

- Around £20m community benefit funding over the operational life of the windfarm.
- An opportunity for the local community to invest in the operational windfarm.
- Possible provision of a new recreational car park with additional opportunities to access the windfarm.
- Delivery of a proposed Habitat Management Plan encompassing 45 hectares focussing primarily on the restoration of degraded peatland habitat historically damaged by farming and grazing. Commercial forestry lost (24.9 hectares) due to the project will be compensated through off site planting.

** BEIS Sub-National Electricity and Gas Consumption Statistics, Jan 2018 (based on average household consumption of 3781 KWh).

CARRICK WINDFARM

Carrick Windfarm would be located in Carrick Forest, in an area of commercial forestry on the National Forest Estate within the Galloway Forest Park. An application to build and operate Carrick Windfarm was submitted to the Scottish Government in December 2021 and, if consented, would comprise of:



13 wind turbines each capable of generating around **6.6MW** of clean electricity.



Generating enough electricity to power over **71,000**** average UK households.

A total generating capacity of around **86MW** with the potential to save **64,000 tonnes** of carbon dioxide per year in comparison to a grid mix of electricity generation.



An energy storage facility of up to **20MW**.

This could also include additional benefits such as:

- More than £17m in community benefit funds over the operational lifetime of the windfarm.
- An opportunity for local communities to invest in the operational windfarm.
- Improving the condition of sections of the existing core path and recreational routes within the site.
- Providing waymarkers, heritage information boards, bins and seating areas with agreement from Forestry and Land Scotland.
- Retaining a construction compound as a car park for visitors to the Carrick Forest.
- Delivery of a Habitat Management Plan to restore 28 hectares of previously damaged peatland, enhancing the blanket bog habitats and creating an opportunity for additional biodiversity benefits. It is also proposed to plant approximately 97 hectares of woodland to compensate for the loss of commercial forestry within the site.

** Calculated using the most recent statistics from the Department of Business, Energy and Industrial Strategy showing that annual UK average domestic household consumption is 3.729 MWh (0.003729 GWh).

Visualisation of Carrick Windfarm.



WHAT DO WE INVEST IN THE LOCAL GREEN ECONOMY?

Arcleloch Windfarm Extension could deliver:



A total direct construction spend estimated at £2 million in South Ayrshire and Dumfries and Galloway.

Support, in net terms, for 14 person-years of employment benefiting local residents.

An operational impact of over £42 million GVA in South Ayrshire and Dumfries and Galloway.



Around 10 - 14 net additional FTE jobs over its operational life in South Ayrshire and Dumfries and Galloway and another 10 - 14 FTE jobs elsewhere in Scotland.



Clauchrie Windfarm could deliver:



Construction contracts worth up to £7.7m GVA for local contractors and suppliers.

Up to 116 job years of employment in Dumfries & Galloway and South Ayrshire during construction.



A positive operational impact of £0.7 million per annum GVA locally.

Carrick Windfarm could deliver:



Construction contracts worth up to £13.6m for local contractors and suppliers.

Up to 140 jobs generated during construction.

Up to 25 operational jobs locally over the lifetime of the windfarm and up to £38 million GVA within South Ayrshire.



HOW WE'RE COMMITTED TO THE ENVIRONMENT

ScottishPower was the first integrated utility provider to produce 100% renewable electricity. We're 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.

We'll deliver this through developing renewable energy responsibly, enhancing the environment, empowering communities, and investing £6m every working day on pioneering ideas to make this happen.

Building a sustainable, deliverable pipeline of renewable projects can play an important role in helping to drive a resilient, green and sustainable economic recovery in the UK after the COVID-19 pandemic whilst delivering cost-effective progress to meet the Net Zero challenge.

Onshore wind will also play a key role in helping to deliver a Net Zero emissions future to tackle the global climate emergency. Our plans in South Ayrshire have the potential to positively impact climate change and carbon reduction. Over their operational lifetime, these three new windfarms could potentially save 260,000 tons of carbon dioxide each year when compared to fossil fuel or grid mixes of electricity generation.

Throughout planning, proposals are sensitively designed to minimise the environmental impact from our projects and seek opportunities for ecological enhancement wherever practicable.



Mark Hill Windfarm

Work to deliver the ambitious Habitat Management Plan at Mark Hill Windfarm is ongoing. This includes maintenance of the 192 hectares of broadleaf trees that were planted in 2017. Approximately 500 hectares of bog restoration has been completed to date out of a total area of 896 hectares. This work will benefit a range of species and greatly enhance the ecological value of the area.

Kilgallioch Windfarm

Tree planting and tree maintenance works at Kilgallioch Windfarm are ongoing. We are planting approximately 272 hectares of broadleaf woodland which will provide habitat for a range of species and ecological benefit to the site.



Dersalloch Windfarm

Ecological monitoring undertaken in 2021 indicates that trees we have planted to date are growing well and that the quality of bog habitat is improving. Future monitoring will be undertaken to ensure that habitats become fully established.

WE DEVELOP, CONSTRUCT AND OPERATE OUR WINDFARMS

We develop, construct and operate our windfarms positively engaging with local stakeholders early in the development process and building lasting relationships, often for 25 to 40 years.

The consenting of proposals such as Arecleoch Windfarm Extension, Carrick Windfarm and Clauchrie Windfarm will enable us to continue our investment and growth plans within the region.

ScottishPower Renewables supports the use of local contractors in the construction and operation of our windfarms in the region.



“The additional work from ScottishPower Renewables over the past few years has meant we were able to add and retain additional staff and equipment. Our local economy is enhanced through the employment, investment and most importantly the green energy that ScottishPower Renewables provide.”

Tony Chalkley, D Horne Services Ltd.

“We are a small local business based in Ayrshire that offers commercial forestry maintenance services throughout the South West of Scotland. We were offered work with ScottishPower Renewables and, as a direct result, this allowed me to offer employment to a further two operatives. They are now valued and qualified members of my team, working on ScottishPower Renewables properties throughout Ayrshire and Lanarkshire.”

Euan Clapperton, EMC Forestry and Countryside Services.

“We supply ScottishPower Renewables with general maintenance parts and equipment. We have worked with ScottishPower Renewables for four years and it has helped to keep the company in business in these difficult times.”

James Stewart of Ayrshire Motorpart Ltd.

WHAT WE CAN ACHIEVE TOGETHER

To date, ScottishPower Renewables has contributed more than £48 million in community funding to communities surrounding our operational onshore windfarms across the UK. Our investment in local communities ensures they benefit from renewable energy developments within their area and we are committed to empowering and enabling communities to determine how best to spend their funds, creating a local legacy.

We are committed to sharing benefits with the communities that we work in and to date have contributed more than £8 million to South Ayrshire communities to spend on a wide range of initiatives.

This has been used to foster an active and engaged community through improvements to local facilities or services; to assist with education and upskilling and to benefit local sports or recreation offerings. We are now also encouraging communities to consider initiatives that will reduce the carbon they produce through energy efficiency measures.

Through our Arecleoch and Mark Hill Windfarms, Carrick Futures has recently reached the milestone of awarding £2m to a variety of initiatives for the benefit of those in south Carrick. Roger Pirrie, Chair of Carrick Futures said, "I am delighted to see the positive impact our grant awards have made on people, communities, charitable organisations, the environment and visitors to south Carrick. Many of the grants continue to impact beyond the short term and leave a lasting effect in many shapes and forms within our communities."

Community benefit recipients from our operational windfarms in South Ayrshire:

£25,000

Girvan Football club received £25,000 towards the costs of installing cost-effective, low energy LED floodlights around the full-size grass pitch and running track at Hamilton Park. This provision of a safe and well-lit space ensures sports and outdoor activity can continue throughout the winter months.



£5,000

Was contributed towards repairs of the Lady Hunter Blair's walk in Straiton. This enables the ongoing use of this treasured outdoor walk.

Community benefit recipients from our operational windfarms in South Ayrshire (Cont):

£50,000

The Ballantrae Trust received £50,000 towards the costs to purchase and renovate The King's Arms. The King's Arms is a historic 18th century building in the centre of Ballantrae, South Ayrshire, its transformation into a community pub and hub ensures the security of this important local facility and the provision of a range of community services. Karen Stewart, chair of the Ballantrae Trust stated "without the support of grant awards from Carrick Futures, there was a real danger that this local landmark could be permanently closed. As well as being the hub of the community, the hotel helps to boost the local economy by providing a place to stop on the A77 and encourage visitors to the area."



£10,000

South Ayrshire Women's Aid, who provide a confidential service that offers information, support and temporary accommodation to women and children who have experienced domestic abuse, received £10,000. This contributed towards the transformation of a communal refuge into individual flats, providing emergency accommodation for up to eight women and their families.

£5,000

Carrick gardening club received £5,000 to provide a growing space to support the local food bank, delivering a sustainable, local source of produce, whilst also supporting volunteering in the area.



Investing in the future of local communities: In addition to community benefit funding, ScottishPower Renewables is also offering communities an opportunity to invest in our new operational windfarms, where appropriate to do so.

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