

# Doraville Wind Farm

**£150 million** investment

**£50 million** to be secured by NI businesses, with **£15.6 million** for local firms

**£28.8 million** in rates payments

**£15 million** in Community Fund

**427 Job** years during construction, **129** in the local area

**£105.8 million** long term economic opportunities<sup>^</sup>



36 turbines



115MW of clean energy



£150million investment



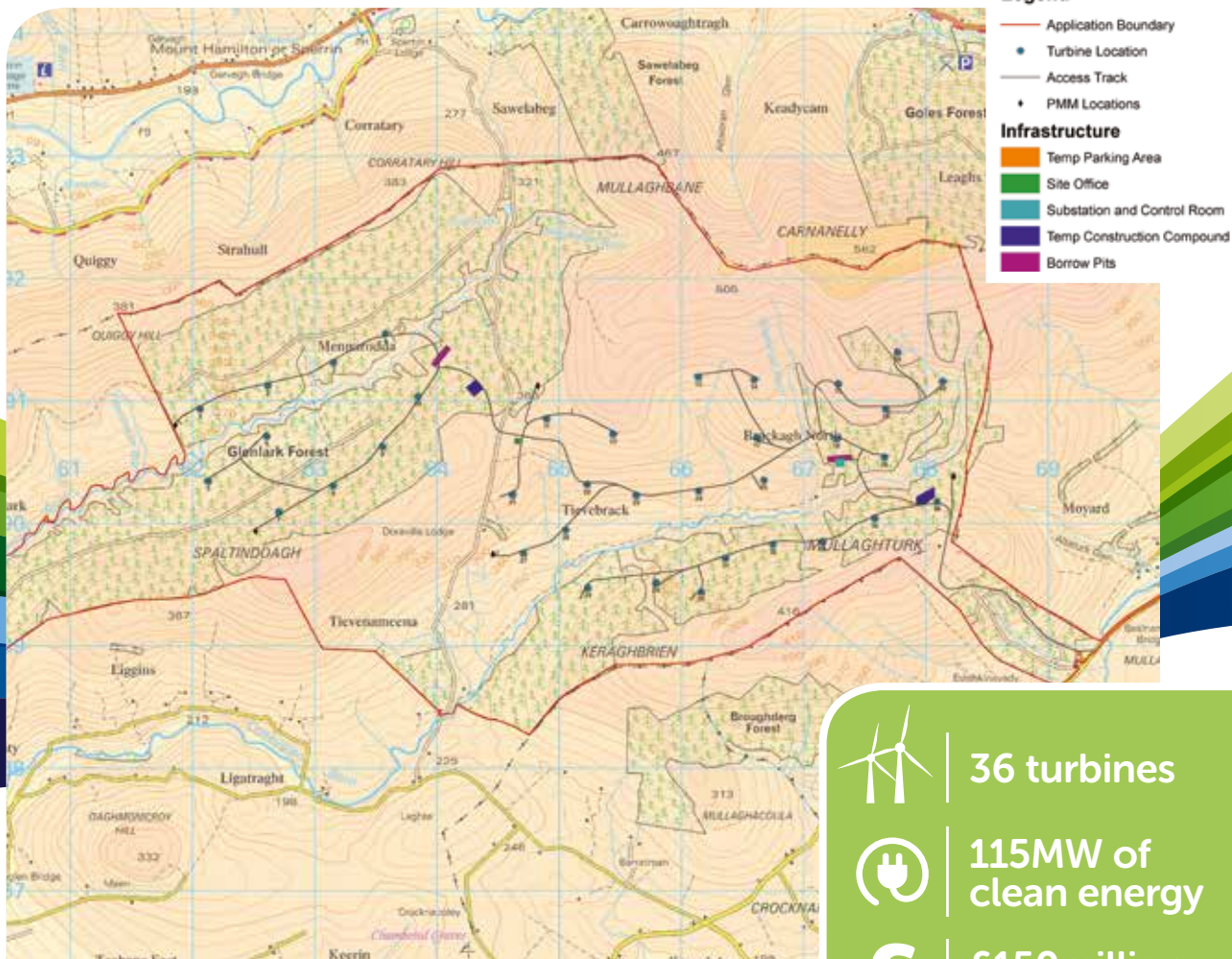
85,000 homes powered<sup>†</sup>

**Powering Northern Ireland's greener future**  
**Powering local communities and the local economy**



# About Doraville

## A few quick facts & figures



### The application

The planning application for a wind farm in the Doraville area of the Sperrins was submitted by SSE on 30 June 2015. The application is for 36 turbines (11 turbines with a maximum height of 126.5m and 25 turbines with a maximum height of 140m) with each turbine having a maximum output of 3.2MW. This means Doraville Wind Farm can have a capacity output of 115.2MW.

Planning applications for renewable energy developments which are over 30MW are deemed to be Regionally Significant. The evaluation and decision on Regionally Significant applications is made by the Department of the Environment.

### What happens now?

#### The planning process

The Department will now consider the application under the normal procedures, and against planning policy for renewable developments. They will consult with a range of other government and external bodies, including TransportNI, Rivers Agency, Northern Ireland Water, Environmental Health Agency and Northern Ireland Environment Agency (NIEA). During this time members of the public can make their own observations to the Department about the application.

You can access details of the application via the Department's Planning Portal ([www.planningni.gov.uk/index/tools/public-access-info](http://www.planningni.gov.uk/index/tools/public-access-info)) using the application number: LA10/2015/0292/F.



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£150million investment



85,000 homes powered<sup>†</sup>

### What SSE will do next?

We will continue to keep the local community updated throughout this period through regular newsletters. Details of the Doraville wind farm proposal can be found on our [Ireland.sse.com/Doraville](http://Ireland.sse.com/Doraville) website.

Throughout this process SSE's dedicated Community Liaison contacts, Bronagh Gormley and Brendan Scott, will be available to answer any questions you may have or to provide any further information you may want about our plans at Doraville Wind Farm. Their contact details are below:



#### Bronagh Gormley:

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#### Brendan Scott:

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Image of Slieve Kirk Wind Park

# Doraville Wind Farm

What does it mean for my area?

SSE's proposed Doraville Wind Farm represents a total capital investment of £150million by the company in the region, the largest single capital investment that SSE has committed to making so far in Northern Ireland.

The proposed 36 turbine Doraville Wind Farm could generate 115MW of green electricity and would be the country's largest wind farm, with the potential to power around 85,000 homes† across NI. Doraville is located in County Tyrone, within the townlands of Derrynoyd, Brackagh North, Tievenameena and Cloghemy Glebe. The site lies west of Draperstown, Co. Derry-Londonderry, northwest of Cookstown, Co. Tyrone, and 2km to the north of Broughderg.

As a responsible developer SSE has always been focused on selecting the right renewable energy projects that not only deliver on the company's generation objectives but also delivers an economic and social dividend return to the communities in which each of its projects are located.

We believe wind farm developments should act as key drivers for the local economy and we work hard to ensure those benefits are delivered to the local community and local economy.



**£150 million** investment



**Almost £15 million** in Community Funding over 25 years BASED ON 115.2MW INSTALLATION



**£28.8m** in rates payments over 25 years



**Energy efficiency** initiative for local homes



**£50 million** into the NI supply chain



**Bursaries** for local students



**£1 million Doraville** Grant Aid Scheme to support tourism & recreation

† Projected generation and homes powered calculations based on typical annual consumption of 3,800kWh (Utility Regulator Transparency Report, Nov 2015) and 1 year average recorded capacity factor of SSE wind farms operating in Northern Ireland, April 2013-March 2014. Historic figures quoted are for guideline purposes only - actual future performance may vary.

# Economic Benefit

Bringing economic benefit to the local area



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An independent study by BiGGAR Economics for SSE estimates that our Doraville project can inject £50million into NI supply chain businesses during development and construction, around £16million of which will be delivered into the local area.

There are three key industries that are vital to the development, construction and operation of wind farms. These are:

- **Manufacturing,**
- **Construction**
- **Professional, and Scientific & Technical Activities**

## Annual Rates Payments

Like any business or home, wind farms pay annual commercial rates to help pay for local services. Over the lifetime of Doraville Wind Farm the commercial rates are estimated at £28.8 million based on 115.2MW installed.

## Community Fund

SSE will operate an annual Community Fund programme valued at £5,000 per MW. At Doraville this would result in an annual Community Fund contribution into the region of £576,000, totalling almost £15million over the 25-year operational lifetime of the wind farm.

## £100+m in long term economic benefit

The BiGGAR Economics study further indicates that Doraville Wind Farm could contribute over £100 million over its operational lifetime to the NI economy through year-on-year economic spend<sup>^</sup>. During each year, it is estimated that the wind farm can generate £2.5 million gross value added (GVA) for the District Council area and £4.2 million across Northern Ireland as a whole. Over 25 years, this can inject £63.2 million into the District Council area or £105.8 million into NI.



## University Scholarship

The Doraville Community Fund will be distributed between support for local community groups on energy efficiency programmes and between the Regional Fund, which provides educational bursaries via the annual SSE Airtricity Scholarship to students in the area going on to Third Level education.

You can find out more about SSE's Community and Scholarship Funds at: <http://ireland.sse.com/being-responsible/responsible-community-member/community-funding/>

<sup>^</sup> BiGGAR Economics Study based on Gross Value Added (GVA) economic measure of the value of goods and services.



# Tourism & Recreation

## Realising the potential of the Sperrins

The District Councils and the local community want to increase the number of visitors attracted to the area by developing and improving the facilities on offer in the Sperrins. However, difficulties have been highlighted including competing resources locally, limited public finances and the attraction of other large-scale tourist offerings across Northern Ireland.

SSE has looked at the background to the area as a tourist destination, the plans that have been put in place for the development of tourism and how we as a company can bring benefit to the area. We have committed to the creation of a new £1million the Doraville Area Grant Aid Scheme. This scheme will be designed to support area access, tourism promotion, the development and enhancement of recreational facilities and the local economy. From the outcomes of the community consultation that was held SSE feel that we have identified a number of key areas where we can provide additional benefit.

- **The provision of information boards and a picnic area at Beaghmore Stone Circles;**
- **The development of a folklore and heritage trail for Doraville and the wider area;**
- **Banks stabilisation on the Coneyglen Burn; and**
- **Support for the development of visitor facilities, which may include mountain biking, a walking trail, changing facilities and a cultural centre.**

## Consulting with the Community

- **12 week Community Consultation Process**
- **Briefings to elected representatives**
- **3 Public Events**
- **500 houses closest to the Doraville Site were contacted**
- **284 members of the public interacted with SSE either in person or by providing feedback**

SSE carried out a 12 week community consultation process in order to provide information on all aspects of the Doraville project. The consultation process was delivered through a number of public information events, online submissions, mail outs and door to door calls.

Members of the public were also encouraged to fill out questionnaires and feedback forms. In general the response to renewable energy was positive, with a majority stating that they considered Doraville wind farm to be a positive proposal.

The information received during the consultation allowed us to make a number of significant changes to the proposals, including the following:



- **A reduction in the number of turbines from 43 (interim layout) to a final proposed layout of 36 turbines;**
- **Revising turbine layout to reduce visibility from sensitive views to and from the AONB, Broughderg, and within the Beaghmore Area of Significant Archaeological Interest;**
- **Revising turbine layout to increase the distance of the nearest turbine to residential properties, with a minimum separation distance of 0.93miles (1.5km) attained with the final layout;**
- **Revise the site access to avoid the Broughderg area, addressing concerns expressed regarding the movement of construction traffic through that area; and**
- **Incorporating proposals in the planning application to address concerns regarding tourism and the cultural heritage of the area.**



## Doraville Wind Farm

Doraville wind farm is located in a part of the Sperrins Area of Outstanding Natural Beauty. Through careful design and by listening to the views of the local community we've created a world-class project that can utilise the excellent wind resource that blows across our land while minimising the visual impact from key locations.

The proposed 36 turbine layout has been developed through careful consideration of the landscape and visual effects from the surrounding area. It lies within two valleys that are enclosed and contained within the peaks of the south Sperrins and Sperrin Mountains, ensuring that the development does not appear to encroach down into the landscape of the surrounding lowlands. Care has also been taken to ensure that visibility is minimised from the Glenelly Valley to the north of the site.

The wind farm has been designed so that the Development is not seen on the prominent skylines of the landmark Sperrins hills, and the dramatic and eye-catching mountainous landscapes that lie to the north, north-west and north-east of the site continue to provide a focal point in views and a strong influence on landscape character.

Throughout the design and development of Doraville, SSE has sought to ensure that the visual impact of the Doraville wind farm is minimised. We are confident that we can build a wind farm at Doraville that can help to improve tourism and recreational facilities in the area for the future.

## Our Slieve Kirk experience

The social and economic dividend findings of independent economic consultancy firm are borne out by SSE's track record through the delivery of its Slieve Kirk Wind Park which was completed in November 2013.

During the construction phase SSE spent a total of £36million of the £125million Capital Expenditure directly with 75 local supply chain businesses, supporting community jobs and enterprise.

With the site now operational Slieve Kirk is generating more than power – it is fuelling an economic return for the North West. Over its 25 year lifetime SSE will pay out another £18.5million locally in commercial rates, landowner leases, and community and regional funding. Indeed in the last two years, Slieve Kirk has contributed over half a million pounds in funding, directly supporting community energy efficiency projects as well as local families sending students on to third level education.