# **Grayside** Wind Farm



# www.graysidewindfarm.co.uk

# Welcome

This event is designed to bring you up to date on the progress of the proposed Grayside Wind Farm development. We encourage you to view the materials on display and speak to the Project Team if you have any questions.

# **About the Applicant**

Grayside WF comprises two local landowners whose families have farmed in the area for generations and have decided to develop a wind farm themselves, setting up a company to do so. This will enable them to facilitate local investment in up to twenty percent of the Development. Riversdale Enterprises Ltd are assisting the Applicant in the day-to-day management of the Development.

Personnel at Riversdale have previously worked for a number of wind farm developers prior to becoming an independent consultancy. They have been involved in the management of over 1 gigawatt (GW) of now operational wind farms across the UK, mainly in Scotland.



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# **About the Proposal**

The proposal is for a wind farm located on land approximately 1.7 kilometres (km) south of the village of Lamington, 5.7 km north east of Abington and immediately north of the existing Clyde Wind Farms in South Lanarkshire. The site is approximately 2,461 ha and is split between two developable areas of land each centred on National Grid References (NGRs) 299800, 628300 and 305000, 627500.



| Number of Turbines    | 21  |
|-----------------------|---|
| Turbine Tip Height    | up to 200 m                                 |
| Installed Capacity    | over 50 megawatts (MW)                      |
| Lifespan of Wind Farm | 30 years                                    |
| Energy Generation     | Equivalent to around 81,564 homes per year* |

\* Based on DECC and Digest of UK Energy Statistics (DUKES) figures, which assume average UK household electrical consumption of 3,729 KWh and UK average onshore load factor of 26.6%, using 21 turbines with capacities of 6 MW.

# **The Proposal to Date**

The layout presented has taken into account information gathered to date and a range of technical and environmental considerations including:

| Available wind resource                                    | • Archaeological features within the Site and wider |
|--|---|
| • Site access:   | area;   |
| • Landscapesensitivities, including proximity to Scheduled | <ul> <li>Presence of protected species;</li> </ul>  |

- Monuments
- Visual impact;
- Proximity to residential properties.

Watercourses and waterbodies;
 Ground conditions including avoidance of peat deposits;

The current layout has been through a number of design iterations.

The layout on display remains subject to change in light of other survey outputs; however, we anticipate that

such changes will be minor and not affect any of the environmental work completed to date.

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# **Proposed Timeline and Next Steps**

### **1. Site Selection**

### **Pre 2020**

Over the years, the Applicant has been approached by a large number of wind farm developers seeking to develop a wind farm on their land.

The Site was taken forward as previous environmental reports indicated that the Site is capable of supporting a large wind farm development e.g. sufficient annual mean wind speeds, viable grid connection, suitable/proven access routes, absence of international/national ecological and landscape designations.

# 2. Pre-Planning

2020 - 2022

#### (12 – 18 months)

Prior to submitting an application, an Environmental Impact Assessment (EIA) needs to be undertaken and consultation undertaken with stakeholders including the local community, which this exhibition forms part of.

Based on current timeframes, our application will be submitted to the Scottish Government by early 2022.

## 3. Application Submission & Determination 2022 - 2023

#### (12 - 18 months)

The application will be accompanied by an EIA Report which presents the results of all studies undertaken. Copies of this document will be available for public viewing. The Scottish Government will review the application, taking into account views of stakeholders including South Lanarkshire Council, which will inform their decision on the application.

### **5.** Construction **Estimated 2025 – 2027**

# 6. Operation

#### (30 years)

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Turbines are managed by an in-house maintenance team, and operation is controlled by detailed planning conditions.

#### (12 to 18 months)

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If approved, construction begins usually about one year after consent. Construction typically takes 12-18 months and planning conditions are used to carefully manage elements of construction.

### **4. Grid Connection Estimated 2025 – 2027**

#### (12 to 18 months)

The consent for the grid connection will be sought from the relevant owner/operator of the local transmission network,. The Network Operator will be responsible for the consenting (via a separate "Section 37" application), construction, operation, and maintenance of the grid connection. From early-stage discussions, it is likely that the connection will be a new substation 7 -8 km west of the site, on the western side of the M74.

# 7. Decommissioning

#### (12 months)

At the end of the planning period, turbines are removed and the site restored. A parent company guarantee or financial bond is in place to cover this cost.

# **NEXT STEPS**

We intend to submit a planning application in early 2022, and the full suite of application documents would be publicly available at that time.

~£18m~

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Independent surveys consistently show over 75% of people support onshore wind.

**Onshore wind** generates over £18m each year for Scottish communities. Local Energy Scotland

Scotland is considered to have some of the best wind energy resource in Europe.