







Who we are

Banks Renewables is part of the Banks Group, we have been successfully developing projects for over 34 years and employ approximately 360 people.

Banks Renewables identifies suitable sites for onshore wind farms, as well as looking at opportunities for other forms of renewable energy generation.



Opposite is a map of the UK showing the locations and status of wind farm projects we have developed/are proposing.

We actively involve local communities at all stages of the development process and we are committed to our development with care approach.

Wind farms across the UK

- Operational wind farms combined total 24MW
- Wind farms pre-construction combined total 58MW
- Banks offices

Wind farms in development - combined total 200MW+

Site location and access



Application boundary shown by red boundary, possible access routes shown by green line

Welcome to this exhibition about the Kype Muir Wind Farm proposal

The purpose of this exhibition is to involve local residents and the community in our proposals for a wind farm comprising of 26 turbines located to the south of Sandford and Strathaven.

The exhibition includes details of the planning application to be submitted to the Scottish Government Energy Consents Unit.



The exhibition will give you the opportunity to:

- View details of the proposed Kype Muir wind farm
- Speak to members of the project team and ask them any questions you might have
- Find out about renewable energy and the benefits of this proposed project
- Give us your views about our proposal on feedback forms

Turbines shown are 100m to tip in height at West Durham Wind Farm



Renewables has identified the area





Renewable energy search area



Application boundary shown by red line

Site layout plan showing the proposed turbine layout

The development of the scheme

Kype Muir wind farm site information

Key Facts

- Number of turbines: 26
- Dimensions of turbines: the turbines would be no higher than 132m to blade tip
- Lifespan: 25 years
- Current land use: commercial forestry

- Location: located south of Strathaven.
- Potential amount of energy generated: installed capacity up to 88MW, providing enough electricity for approximately 49,280 homes*.
- Grid connection: the grid connection for the proposed wind farm would be overhead (on wooden poles) or underground.

*Included as per advice from ASA to the BWEA (September 2008)

Image for illustrative purposes only, (100m-to-tip turbine at West Durham Wind Farm)

Example of an overhead grid connection

Benefits of the project

- The scheme, if permitted, will generate enough electricity for approximately 49,280 homes per annum, assisting in meeting renewable energy targets.
- Proposed community partnering approach to assist local communities in the development and implementation of local projects.
- Guaranteed community benefits package of approximately £7 million providing the finance necessary to implement projects identified by communities.
- Support for local construction jobs reasonable endeavours will be taken to ensure that construction contracts, where possible, will be granted to locally based companies.

- Support for Scotland's growing renewables energy industry which has potential to create at least 16,000 new jobs over the next decade.
- Apprenticeships and investment in education proposals being developed with South Lanarkshire College to provide specific courses and apprenticeships linked to the development of the wind farm.

Electricity Generation

- Wind farms are needed in Scotland to facilitate the generation of more electricity from renewable sources. This is required to ensure that the Scottish Government's target of 80% of Scotland's electricity consumption is generated by renewable sources by 2020. Utilising more renewable energy sources for energy generation will ensure Scotland reduces it CO₂ emissions, as well as providing a secure supply of electricity - reducing our reliance on imports.
- It is estimated that if the EU's 2020 targets are met, the associated investment in renewable energy could create up to 160,000 jobs across Europe.

Scottish electricity production in 2009*

Scottish electricity generation targets 2020**

Source: * Scottish Renewables ** Scottish Government

The wind farm could provide electricity for up to 49,280 homes

Wind Power Facts

- Wind farms are one of the most proven technologies for renewable energy generation.
- Scotland is one of the windiest countries in Europe (see right).
- Wind turbines generate

Wind speeds across Europe

electricity, on average, 85% of the time.

 In approximately 7-8 months (depending on wind resource and other factors) a wind farm will pay back the energy used to construct it. This means that after this time the electricity generated is a carbon free source of power.

50m above ground level (ms-1) Source: European Wind Energy Association

 The onshore wind industry employs around 4,100 people in the UK

Decibel scale

The scale below puts wind farm noise into context by comparing noise sources and activities to a sound level dB(A)

Unsilenced pneumatic drill at 7 metres distance 95 dB(A)

Modern twin engine jet

Heavy diesel lorry at 25 miles per hour at 7 metres distance 83 dB(A)

Source: Planning Advice Note 1/2011: Planning and Noise

If there are any specific queries relating to noise please speak to a member of the project team.

Noise levels

Noise monitoring locations plan

Community Development Fund

Organisations and groups close to a proposed or operational Banks site are eligible to apply for a grant from the Banks Community Fund. Organisations can apply for funding regardless of whether or not they support Banks' schemes. We have awarded over £1,000,000 in grants that have benefitted 80,000 people. Funding is available now, please speak to a member of staff to find out how to apply for a grant.

Banks Renewables is committed to working with local people to deliver real benefits in connection with our projects. A dedicated community fund connected to this wind farm would be established if planning permission is granted. Please speak to a member of staff if you have any ideas of any community projects that could benefit from funding. Glenboig Village park Community Play Area Group received £10,000 towards the construction of their new play park.

Holytown United has received year on year sponsorship from Banks providing football strips and training equipment

What next?

- It is anticipated that a planning application will be submitted to the Scottish. Government at the end of April 2011.
- As the wind farm is in excess of 50MW it will be submitted as a section 36 application under the Electricity Act and will therefore be considered by the Scottish Government.
- The application will be advertised for any representation and observations in the local press once submitted to the Scottish Government.

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