

Dungavel Wind Farm

Keeping you up to date with the progress of the Dungavel Wind Farm proposal



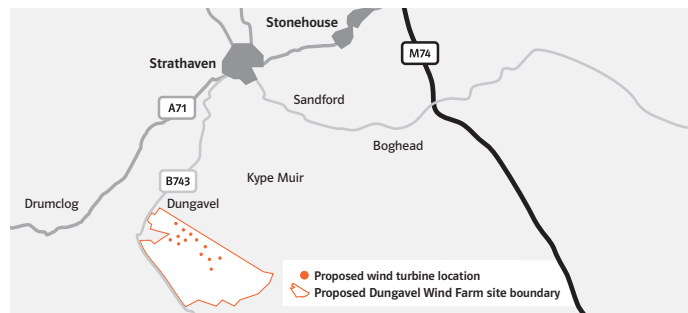
Wind farm proposal update

In February 2006, we submitted a planning application to build a 14 turbine wind farm on Dungavel Hill, approximately 7km south of Strathaven, South Lanarkshire. Now, three years on, we've produced this newsletter to give you an update on the progress and current status of our wind farm proposal.

Following the submission of the planning application, the Local Planning Authority highlighted three key areas that we needed to work on before planning consent could be considered. Over the past three years, we've been working hard to resolve these issues:

1. Aviation - to find a solution to the potential impact the wind farm could have on radar.
2. Wildlife - to find a solution to the potential impact the wind farm could have on wildlife. We've been working closely with Scottish National Heritage (SNH) to fully explore this area.
3. Transport - to investigate the impact of transporting turbines to the proposed site.

Following feedback from the local community, we have reduced the size of the wind farm to 13 turbines by removing the turbine closest to Hamilton Drive in Dungavel.



Project description

- **Project scope** - 13 three-bladed wind turbines
- **Turbine heights** - 80m to hub/121.1m from ground to blade tip (except eight turbines which have 60m to hub/101.2m from ground to blade tip, to improve visual design, as agreed with SNH)
- **Total power** - Up to 29.9MW
- **Location** - On Dungavel Hill, approximately 7km south of Strathaven
- **Equivalent energy** - Generate energy for the estimated equivalent of around 20,000* households a year#
- **Carbon savings** - Our estimates show that this development could offset approximately 40,000† tonnes of carbon dioxide (CO₂) emissions a year#

* Based on an average annual household energy consumption of 4,700kWh. Source: DECC.

These figures are based on estimates drawn from modelling data on wind speeds measured in the area. This data has been independently analysed.

† This figure is based on the Government's long term marginal plant figure of 430g CO₂/kWh. Although it is very difficult to predict the exact benefit of a wind farm development, we can be certain that over the course of its lifetime, green electricity from a wind turbine will offset large amounts of CO₂ that would have otherwise been produced if that electricity had been generated using fossil fuels such as coal and gas.

Key issues

Aviation

We've been working closely with NATS (En Route) plc, the UK's leading provider of air traffic services, to resolve an issue relating to the impact the wind farm might have on radar within the area. A proposed solution has been identified and presented to South Lanarkshire Council.



Hen Harrier

Scottish Natural Heritage (SNH)

Alongside SNH, we've developed an Outline Habitat Management Plan that's designed to encourage the area's natural wildlife and improve the area dramatically. This will contribute to the South Lanarkshire Local Biodiversity Action Plan. The plan will see the removal of some of the commercial forestry, returning land to its natural state and improving the habitat for a variety of species such as the Hen Harrier, Black Grouse and Short-eared Owl.

Transport

We've recently undertaken a traffic access report to investigate the impact of transporting turbines to the proposed site. Further studies are underway and we're keeping Strathaven Community Council informed of our progress and findings.

Public feedback

We reduced the total number of turbines from 14 to 13 following feedback from the public. Removing the turbine closest to Hamilton Drive in Dungavel has increased the distance of the nearest turbine to properties to over 1.4km. Existing forestry will remain between the existing properties and the wind farm throughout the project life, which will act as a partial visual screen.

Our renewable commitment

In Scotland, we currently own and operate two onshore wind farms, Deucheran Hill in Kintyre and Bowbeat in the Scottish Borders, as well as a biomass renewable energy plant at Steven's Croft in Lockerbie. We're also constructing our first offshore wind farm in Scottish waters, Robin Rigg in the Solway Firth.

So far, we've received planning approval to construct a further two onshore wind farms in Scotland - Camster in Caithness and Rosehall in the Highlands.



- Onshore in development
- Onshore operational
- Offshore in construction
- Biomass



Construction at Deucheran Hill Wind Farm, Kintyre.

South Lanarkshire community boost

If planning consent is granted, the Dungavel project would deliver around £60,000 a year into South Lanarkshire communities as part of a comprehensive wind farm community fund.

We're keen to build positive long-term relationships with communities close to our projects by promoting initiatives to improve the local environment and regenerating amenities and facilities. We also support educational programmes in local schools to raise awareness of energy issues. We'll liaise with South Lanarkshire Council from the beginning to agree the structure for the distribution of the community fund.

Gearing up for local contracts

The project could see over £4 million invested into the regional economy and initial discussions have been held with Scottish Enterprise to identify suitable contractors in the region. There would also be operation and maintenance (O&M) work available throughout the project lifetime. Should the proposal be approved, we plan to hold a 'meet the buyer' event to raise awareness of contract opportunities and to establish links with Lanarkshire companies.

→ Contact us

If you have any queries, or require further information about the Dungavel Wind Farm proposal, please contact:

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Updates on the proposal are available on the E.ON website at:

eon-uk.com/dungavel



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