

MINNYGAP WIND FARM

Construction Newsletter 3 - August 2016



Welcome to the third in a series of newsletters from RES designed to keep your community informed throughout the construction of Minnygap Wind Farm.

Delivering Minnygap Wind Farm

Since our previous newsletter in the spring, work at Minnygap has been advancing apace. All ten turbine foundations have now been excavated and their concrete foundations poured.

Scottish Power Energy Networks (SPEN) have also started working on the grid connection that will allow the electricity from Minnygap Wind Farm to be exported to the National Grid.

The next milestone will be the delivery of the wind turbines, and these will start arriving on-site during the week commencing 8 August 2016 and will continue for a period of approximately three months. All deliveries are expected to take place during the night and will therefore minimise any disruption to road users. Please turn over for more information about the turbine deliveries.



Turbine delivery at Hill of Towie Wind Farm, Moray

Keeping you informed

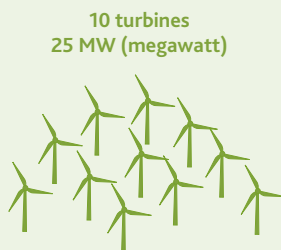
We have developed a construction plan and central to this is the commitment to minimising any impact on our neighbours whilst ensuring that work can be carried out safely. Key to this is keeping you informed so that you know what to expect and when. We will continue to keep you informed through:

- The project website www.minnygap-windfarm.co.uk
- Your local community representatives
- Updates in local media
- Writing to you directly
- The dedicated Community Relations Manager – please see details overleaf

Key facts



Minnygap,
Dumfries
& Galloway



10 turbines
25 MW (megawatt)



125m to tip of
the blade



Over £3 million
community benefit
package

Delivering the turbines

The turbines will be transported in sections (three blades, four tower sections, hubs and nacelles) using specially designed heavy goods vehicles. The nacelle is the boxlike structure at the top of the tower that houses the gearbox and generator.

Convoys will depart overnight from two different ports; King George V Docks in Glasgow and Ayr Dock and are expected to arrive on-site first thing in the morning. The delivery vehicles will reach the local area via the M74. The turbine deliveries will exit the M74 at Junction 15 Beattock from the north bound carriageway, having turned at Junction 44 on the M6. The vehicles will then travel along the A701 for approximately five kilometres before leaving the public road and turning into the designated site entrance for Minnygap Wind Farm. The deliveries will continue along the specially constructed access tracks up to the turbines bases before being erected (see picture opposite).

All turbine deliveries must follow the agreed route to site, avoiding any local villages. The route selected maximises the use of the M74 and it is expected that all deliveries will take place overnight, therefore minimising any disruption to local residents and road users. As we are using large delivery vehicles, each convoy will have a dedicated escort to ensure safety for all road users.

We have agreed the delivery route and the timings in close consultation with Dumfries and Galloway Council, the police and the relevant highways authorities. If for any reason there are changes to the above we will update our website with the relevant information.

Going up

Once the turbine components have been safely delivered to site, the assembly process will follow four main stages



1. The lower sections are connected together



2. The hub and nacelle are put in place.



3. The blades are fixed in place.



4. Once final checks are completed, the turbine is ready to generate renewable energy



£2.7 million

of inward investment in the local economy



£3.1 million

Community Benefit Package



£200

Electricity discount for properties within 7.4km of the turbines**



16,000

households* provided with cleaner, greener renewable electricity

About RES

RES, a privately owned British company with a proud history in Scotland, is one of the world's leading independent renewable energy project developers with operations across Europe, the Americas and Asia-Pacific. RES has developed and/or built more than 10 GW of renewable energy capacity worldwide.

In the UK alone, RES currently has more than 1 GW of wind energy projects either constructed, under construction or consented. Employing over 100 staff in Scotland, RES has over 30 years of experience of developing, constructing and operating projects of outstanding quality.

Meet the team



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*The homes equivalent has been calculated by taking the predicted annual electricity generation of the site (based on RES studies Minnygap has a predicted capacity factor of 32%) and dividing this by the annual average electricity consumption figures from the Department of Energy and Climate Change 2010 (4370kWh).

**Eligible properties will be written to separately to tell them how to apply for the discount shortly.



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