

PENMANSHIEL WIND FARM



Construction Newsletter 3 - February/March 2016

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

DELIVERING THE BENEFITS OF GREENER ENERGY

Since we last contacted you we've been working hard to prepare the site ready for the turbines. We have been busy building the on-site access tracks, turbine foundations and undertaking electrical works.

The next milestone will be the delivery of the wind turbines, and these will start arriving on site during the week commencing 14th March 2016 and will continue for a period of approximately ten weeks. These dates are indicative and could be subject to change to due adverse weather conditions. Please turn over to find out more about the turbine deliveries and route to site.



Photo: Senvion

COMMUNITY BENEFITS

Penmanshiel Wind Farm is on course to start generating electricity by autumn 2016, triggering community benefits worth in excess of £3.58 million over the operational lifetime of the wind farm.

Community Benefit Fund

Penmanshiel Wind Farm will provide an annual £57,400 Community Benefit Fund for local people to invest in projects that will benefit the communities around the wind farm. This will be split equally between the five community council areas of Abbey St Bathans Bonkyl & Preston, Cockburnspath & Cove, Coldingham, Grantshouse and Reston and Auchencrow. Each area will be responsible for managing its own portion of the fund and details on how organisations can apply for funding will be available when the wind farm nears completion.

Local Electricity Discount Scheme (LEDS)

LEDS at Penmanshiel will offer residential, commercial and community properties closest to the turbines an annual discount off their electricity bill once the wind farm is fully operational. Eligible properties have been notified and RES will be contacting those properties again in March with information on how to claim this discount.



Bridekirk Friendship Group Lunch Club received funding from RES' Tallentire Wind Farm in Cumbria



KEEPING UP TO DATE

You can learn more about turbine delivery phase overleaf. We'll also be posting information about the construction phase on our website www.penmanshiel-windfarm.co.uk.

DELIVERING THE TURBINES

The turbines will be transported in sections (three blades, three 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. Escorted convoys will transport the larger components. The majority of components will be arriving from Grangemouth, with four deliveries coming from Blyth in Northumberland. The convoys will depart at approximately 3am and arrive on site between 4:30-5am. The final part of the journey to site will see them travelling along the A1 and entering the site at Grantshouse using the Harelawside layby.

The traffic management plan has been developed and agreed in advance with Scottish Borders Council and the local community councils. The turbine deliveries have been scheduled to avoid rush hour traffic and will take place Monday to Saturday. To avoid causing unnecessary disruption to other road users, we have agreed the delivery route in close consultation with Scottish Borders Council, the police and the relevant highways authorities. As we are using large delivery vehicles, each convoy will have a dedicated escort to ensure safety for all road users.

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

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 10,000 MW of renewable energy capacity worldwide. In the UK alone, RES currently has more than 1,000 MW of wind energy projects either constructed, under construction or consented.

Employing over 100 staff in Scotland, RES has over 30 years' experience of developing, constructing and operating projects of outstanding quality.

RES has been actively contributing to the Scottish Borders economy since the 1990s. RES developed and constructed Dun Law and Dun Law Extension at Soutra and Black Hill located between Duns and Longformacus.



Gary Scrowther

Construction Site Manager

E gary.scrowther@res-ltd.com T +44 (0)7554 421 084

RES, Third Floor STV, Pacific Quay, Glasgow, G51 1PQ

