

Pen y Cymoedd Wind Energy Project

Pen y Cymoedd Wind Energy Project – Keeping you informed.

September 2015

Turbines arriving at Swinford Wind Farm 2011/2012

Turbine deliveries to start in November

Civils contractor Jones Bros/Balfour Beatty, have completed the main concrete base pours at 67 of the wind farm's 76 turbine bases, having started work on the project in February 2014.



Turbines arriving at Swinford Wind Farm



In this edition

Keeping you informed!



- **Turbine deliveries**
- **Pen y Cymoedd Community Fund**
– A bright future!
- **Project update**
- **Out and about**

Getting ready for turbine deliveries

Current onsite activity also includes laying electrical cables and the continued upgrade and improvement of around 80km of access tracks, which will draw to a close in the coming weeks ready for Siemens to begin the next phase of work, delivering turbine components to the site.

Turbine delivery trial runs have recently been undertaken to ensure that the site will cope with the upcoming turbine deliveries due to start in November.

We expect the majority of the deliveries to travel during the day, and outside busy times, from Swansea Docks towards the site, taking Fabian Way, the A465, A4061, then travelling a short distance up Rhigos Road, where the deliveries will leave the public highway at the Tower Colliery entrance (see map below). Timings will be managed by the Police escorts who will control the traffic and the deliveries.

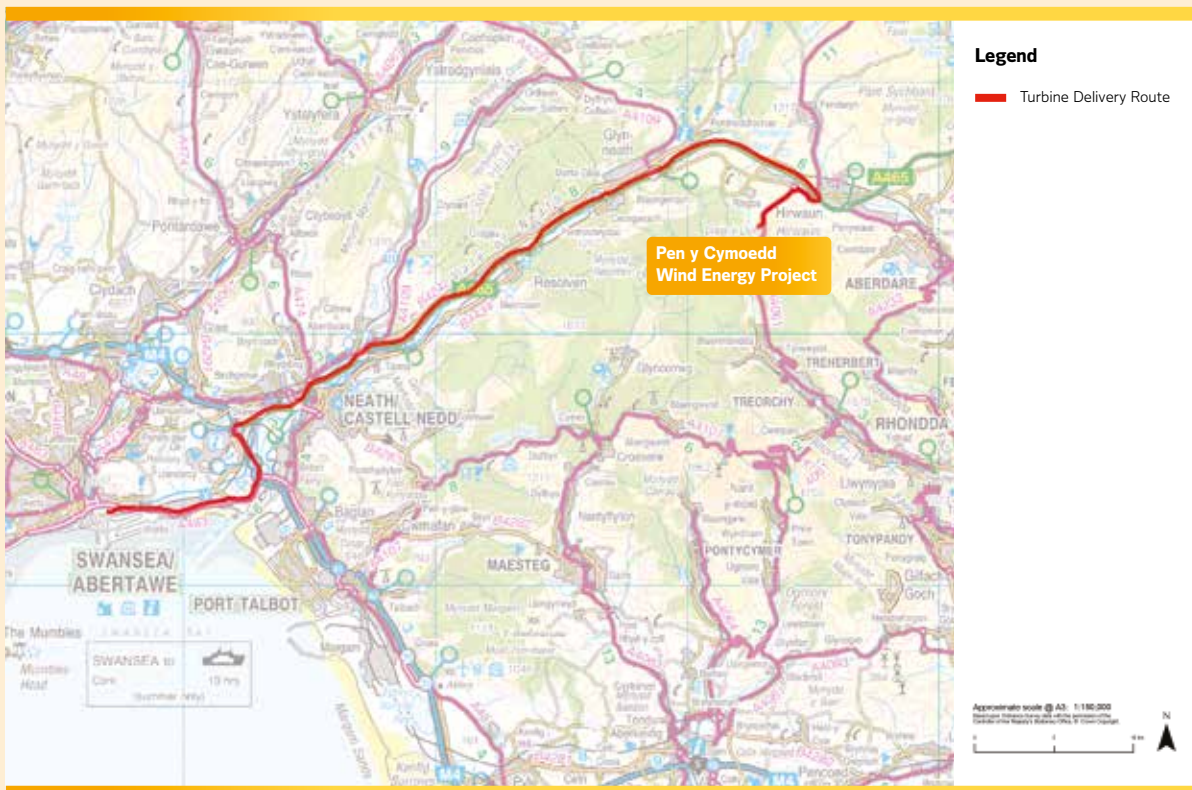
Each turbine tower is made up of four sections. The first two tower sections for each of the turbines will be delivered and installed using the smaller of two cranes. These sections will then be capped until the

remainder of the turbine is delivered. To install the remainder of the turbine a large crane is required. The final two tower sections are installed, followed by the nacelle, the unit housing the generating parts of the turbine. The three blades and the hub are then fixed together on the ground to form the rotor. The rotor is then lifted into place using the large crane.

More information regarding the turbine component deliveries and installations will become available nearer the time, along with daily traffic bulletins and installation updates.

Grid update

We expect the two way traffic lights to remain on the A4061 Rhigos Road until early 2016. This is to allow our contractors ABB to continue installing the cable route that will link the two substations onsite at Pen y Cymoedd and on Hirwaun Industrial Estate. More than half of the cable has been installed and progress continues on jointing the sections of cable.



Are you gearing up to apply to the fund?



When we first started talking to you about Power in the Valleys it felt like your ideas had a long time to wait before they could become a reality. Since then 3000 ideas and comments have been submitted, they've been reviewed and have helped to generate more ideas, more focused thinking and have been compiled into an inspiring 'Vision' for the Pen y Cymoedd Community Fund. The Fund will become available in late 2016/early 2017, so the time is fast approaching when people interested in delivering the Community's 'Vision' can apply for support from the Fund.

How to get involved

Some of you have already registered your interest in this next phase and have visited us at one of our drop in sessions. We will be holding further drop in sessions in the autumn and will be in touch about these closer to the time. If you haven't already, please register your interest at: <https://www.surveymonkey.com/r/PenyCymoeddCommunityFundRegisterYourInterest>

The Prospectus

Over the autumn take some time to read the Pen y Cymoedd Community Fund Prospectus and find out how you can get ready for the Fund now.

The Prospectus contains the following information:

- The Community's 'Vision' and how it will be delivered
- The Fund's way of working
- The two tiers of funding and thinking about which one is best for you
- What comes next and how to scope your project
- What could go wrong according to the Community
- Resources to help you plan your project, write a business plan or expand the enterprise that will help work towards delivering the Community Vision
- Some ideas about where you might go to find match funding for your project

If you think you can help to deliver a small aspect, or a more ambitious part of the Community's Vision, you should be getting ready to present a compelling case for winning the support of the Community Fund!

Download a prospectus from the project blog or get in touch for a paper copy.

T 02921 303 400

E penycymoedd@vattenfall.com

penycymoedd.vattenfall.co.uk

Recruiting the Independent Body

Recruiting the Board Members for the Independent Body who will manage the Community Fund will take place shortly. The posts will be openly advertised. Updates will be posted on the project blog and via e-newsletter. If you are interested in applying please get in touch for details on how to apply.

Over 300 of you joined us for a site visit

Over the last few months around 300 local school pupils and residents have joined us for a site visit.



Children on a site visit from Pen Pych Primary School

Associate Project Manager, Dan Wills and Senior Project Manager, Stephen Holdroyd, our resident tour guides, have answered some interesting questions about various aspects of the project. The questions have ranged from the development, construction and future operational phase of the project, including how the wind farm was designed, the dimensions of the foundations and how many homes the wind farm will power once operational.

For the school visits we were supported by Natural Resources Wales' Education Team who led workshops on energy.

Patricia Price, Acting Headteacher at Pen Pych Primary School said, *"Some of our pupils recently visited Pen y Cymoedd Wind Energy Project and were fascinated by the construction works going on up there. They also found learning about energy very interesting, with some good discussions coming from the groups. The pupils look forward to returning next year when the turbines start going up."*

A big thank you to our contractors Jones Bros/Balfour Beatty who have made this possible. We would like to welcome you back in spring/summer 2016 to see the turbine installation phase with your own eyes.



Join us for a site visit in 2016:

See the turbine installation phase with your own eyes. Please register your interest on the project blog: penycymoedd.vattenfall.co.uk

Out and about in the community

Here are just some of the things we have been up to in the local community over the last few months.

Shed Fest Annual Mountain Bike Event

"The support we've had from companies like Vattenfall and Jones Bros/Balfour Beatty has been so important – without the donations, we wouldn't have been able to host Shed Fest.

I've met site workers from the Pen y Cymoedd project a few times while out riding, and always had a good response from them. It's good to know they're conscious of other users of the forest like us."

Ben Threlfall, organizer of Shed Fest and owner of Afan Valley Bike Shed



Afan Communities First Youth Programme

We supported the Afan Valley Communities First Youth Programme by facilitating site visits. The young people saw construction with their own eyes and built their own foundations from marshmallows and spaghetti.

"Part of the Summer Youth Programme included looking at energy so a site visit to Pen y Cymoedd was the perfect opportunity to show the young people the work that goes into a project of this size as it will be a big part of their lives."

Louise King, Afan Valley Communities First Manager

Yurts and stones for Pen Pych Primary School



A storytelling circle was created using onsite stones that were delivered to the bottom of the mountain by our contractors Jones Bros/Balfour Beatty. In addition to the stones Site Foreman Colin Jennings spent three working days building the story telling yurt by hand.

Pat Price, Acting Headteacher said, *"This could not have been possible without such kindness from Vattenfall and Jones Bros/Balfour Beatty in making our literacy 'Dragon Trail' come to life. The aim of the project is to promote well-being and bring literacy to the outside environment."*

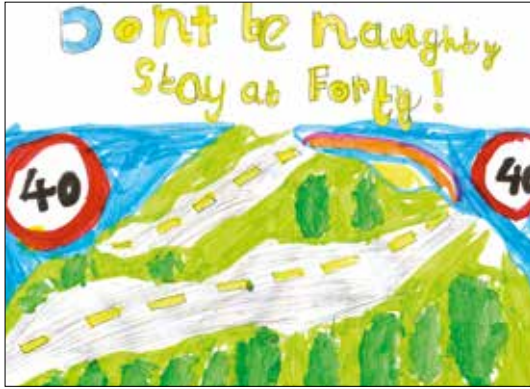
"The aim of this project is to promote well-being and bring literacy to the outside environment."

Pat Price, Acting Headteacher,
Pen Pych Primary School

Rhigos Road sign competition

Both Pen Pych and Rhigos Schools went head to head in July to design a road sign for the A4061 Rhigos Mountain Road. There is currently a 40mph speed limit imposed on the road and the pupils were asked to put their creative ideas into designing something eye catching.

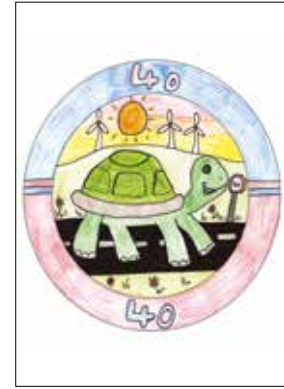
The results were as follows:



1st place – Millie Hislop, Pen Pych Primary School



2nd place – Ffion Bevan, Rhigos Primary School



3rd place – Bailey Lawry, Pen Pych Primary School

Well done to all that took part!

Overview of the construction programme:

February 2014 – 2017:

Civil and electrical works, including construction of the site welfare compound, site access tracks, turbine foundations, crane pads, underground cabling, and substation

↓ **Late 2015:** Turbine deliveries, civil works continue

↓ **Early 2016:** Turbine installation expected to begin

↓ **Late 2016:** The wind farm is commissioned

→ **Early 2017:** Project completion

How do I get in touch if I have questions or need information?

T 02921 303400

E penycymoedd@vattenfall.com

Visit: www.vattenfall.co.uk/penycymoeddwindfarm

Follow us: [@PenyCymoedd](https://twitter.com/PenyCymoedd)

For regular updates sign up to our e-newsletter at:
www.penycymoedd.vattenfall.co.uk

