

# ROOS WIND FARM

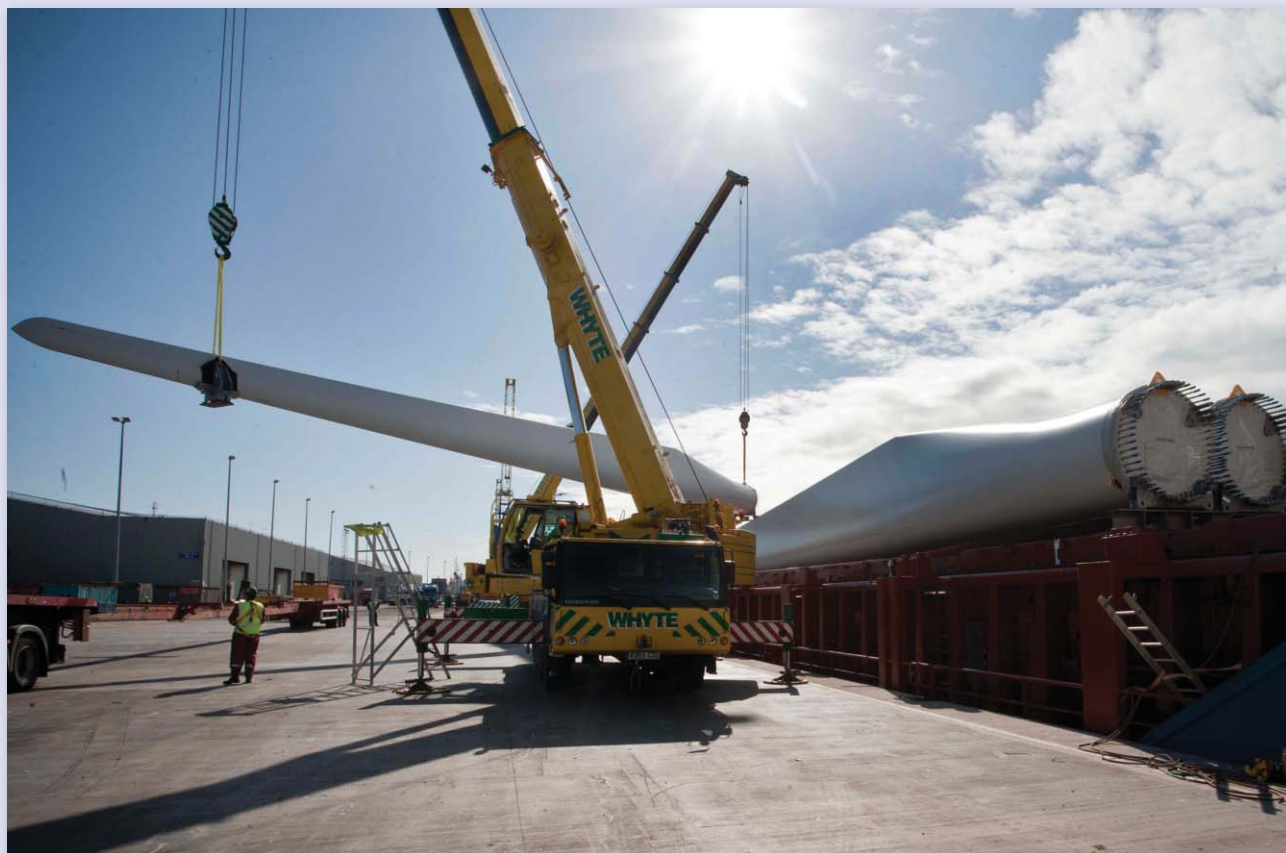


Construction Newsletter 2

October 2012

Welcome to the second edition of the Roos Wind Farm construction newsletter from RES – providing the community with an update on the work we are doing.

## DELIVERING THE BENEFITS OF GREENER ENERGY



Turbine components being loaded from the dockside for transportation to site. Photo courtesy of Lex Ballantyne. For illustrative purposes only.

Work at Roos Wind Farm is progressing well. The next milestone will be the delivery of the wind turbines. These will start arriving on site during the week commencing 15 October 2012 and will continue for a period of approximately eight weeks.

The turbines will be transported in sections (blades, three tower sections, hubs and nacelles\*) using specially designed heavy goods vehicles. There will be one convoy per day, consisting of between two and a maximum of five vehicles per convoy. The convoys will depart from Hull Docks and arrive on site approximately 1.5 hours later. The deliveries have been scheduled to avoid rush hour traffic and will take place Monday to Friday, with an occasional delivery on Saturday.

To avoid causing unnecessary disruption to other road users, we have agreed the delivery route in close consultation with East Riding of Yorkshire 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.

*\*the nacelle is the boxlike structure at the top of the tower that houses the gearbox and generator.*

### What's been happening?

Since we last contacted you, we've been busy undertaking a lot of work in preparation for the delivery of the wind turbines.

- The concrete foundations for all nine turbines are in place. The areas that were excavated are being filled in and landscaped.
- Almost five kilometres of on-site tracks have been created from the site entrance to the turbine locations.
- A Sustainable Drainage System (SUDS) has been established to ensure run-off water is carefully controlled.
- The underground cable to connect the new electricity sub-station on site with the national grid has been laid.
- A successful dry run to check the delivery route in preparation for the turbine components arriving on site took place in August.
- Work to reintroduce native tree species and improve biodiversity is under way.



**Turbine Delivery: Hull to Roos Wind Farm site in approximately 1.5 hours.**

### Keeping you informed

The delivery days for the turbine components each week are subject to change as factors such as varying weather conditions play a part in when we can undertake deliveries. If you have any specific questions about deliveries please email: [samantha.mayes@res-ltd.com](mailto:samantha.mayes@res-ltd.com), putting 'Roos Delivery Notifications' in the subject line, and we will be happy to provide you with up-to-date information.



## Going up

Once the turbine components are delivered to site, the assembly process follows four main stages.



1. The tower 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 electricity.

## Work in progress

Members of the Roos Pre-Construction Fund Panel were invited to view the progress on site in September, when RES hosted the panel meeting at the construction site offices. The visit was organised as part of RES' ongoing consultation with communities near the wind farm and was attended by representatives from Roos Parish Council, East Riding of Yorkshire Council and the local community.

Among the highlights for panel members was the opportunity to view the piling works in progress, as well as various stages of the construction of foundations across the turbine locations, up to and including the final stage of filling in with soil.

The site tour was followed by a meeting to consider the latest applications to the Pre-Construction Fund, which has provided £10,000 to support local good causes over the past two years. A final meeting is scheduled for 22 January 2013, which will report back to the local community on the projects that this Fund has supported.

The Pre-Construction Fund will be superseded in 2013 by the main Community Benefit Fund, which becomes available shortly after the wind farm is fully operational (See *Benefiting the Community*).



Completing the collar at T7 to which the turbine tower will be bolted.

## Benefiting the Community

Roos Wind Farm is on course to start generating electricity in 2013, triggering a Community Benefit Fund of £36,000 per year for the lifetime of the wind farm. East Riding of Yorkshire Council has been appointed to administer the fund and is currently working to form the Fund Panel. This Panel will comprise representatives from communities around the wind farm, who will meet regularly to assess applications for funding. More information about how to apply will be made available in due course.

**RES works to the highest quality, environmental and safety standards when undertaking any construction project and is fully registered under ISO 9001:2008 (Quality) and 14001:2004 (Environmental). Should you see anything that concerns you, please let us know immediately.**



For those receiving this newsletter by post, we obtained your address through a national post-code database. If you do not wish to receive further information from us about this proposal, please write to us and let us know.

For further information, please contact:

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is a website dedicated to the Roos Wind Farm development where you can read about the project in more detail, view maps and photomontages, and keep abreast of the latest news.

We would be happy to cover any issues in more detail in forthcoming newsletters. If you have any suggestions, please let us know.

For more information about wind power, visit:  
[www.renewable-uk.com](http://www.renewable-uk.com)

For information about renewables for your home visit:  
[www.energysavingtrust.org](http://www.energysavingtrust.org)