

THE GRANGE WIND FARM

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

DELIVERING THE BENEFITS OF GREENER ENERGY

Work at The Grange 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 7 January 2013 and will continue for a period of approximately six weeks.

The turbines will be transported in sections (blades, three tower sections, hubs and nacelles*) using specially designed heavy goods vehicles. Convoys will transport the larger components, which will be delivered to site two or three days a week. Smaller loads are likely to occur each day. The convoys will depart from Immingham Dock on the Humber Estuary and arrive on site approximately three hours later. The deliveries have been scheduled to avoid rush hour traffic and will take place Monday to Friday, with occasional deliveries on Saturdays.

To avoid causing unnecessary disruption to other road users, we have agreed the delivery route in close consultation with South Holland District 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.*



Tower section being transported to turbine location on site at Wadlow Wind Farm, Cambridgeshire. Photo courtesy of BIF.



All deliveries are scheduled outside of rush hour traffic to minimise disruption to the local community.

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.

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: thegrange@res-ltd.com, putting 'The Grange Delivery Notifications' in the subject line, and we will be happy to provide you with up-to-date information.

For regular updates about where and when you can view the turbines arriving and being erected, visit the Turbine Deliveries page on the project website at:

www.the-grange-wind-farm.co.uk

As we reach this exciting stage in the development, we hope you enjoy watching the turbines go up over the coming months.

Turn over to see the step-by-step process ▶

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.

Benefiting the Community

The Grange Wind Farm is on course to start generating electricity in 2013, triggering a Community Benefit Fund of £28,000 per year for the lifetime of the wind farm. The Lincolnshire Community Foundation (LCF) has been appointed to administer the Fund, but a panel of local people will make the decisions about where the money is allocated.

The Fund Panel is already established and has been working closely with the LCF over the last 18 months to allocate the £15,000 Pre-Construction Fund donated by RES to support local good causes until the wind farm becomes fully operational. Just under £13,500 from the Pre-Construction Fund has been allocated already. Among the beneficiaries are local projects such as a transport service which assists the elderly with hospital visits and the replacement of the Tydd St Mary Village Hall roof. Any unallocated money from the Pre-Construction Fund will be carried over and added to the first instalment of the full Community Benefit Fund, which should become available in Summer 2013.

If you have any questions regarding The Grange Wind Farm Community Benefit Fund, or the Lincolnshire Community Foundation please contact us at thegrange@res-ltd.com



A local nursery is one beneficiary of the Black Hill Wind Farm Community Fund in Scotland. Photo: RES. Photo for illustrative purposes only.

What's been happening?

Since we last contacted you, we've been busy undertaking essential work on and around the Grange Wind Farm site in preparation for the delivery of the wind turbines:

- The widening works on North Road & Long Road are now finished.
- The site offices and the construction compound have been established.
- The control building that houses the switchgear has been completed.
- Approximately four kilometres of on-site tracks have been created from the site entrance to the turbine locations and control building.
- The underground cable to connect the new electricity sub-station on site to the national grid at the substation in Long Sutton has been laid along Long Road.
- The concrete foundations for all seven turbines are in place.
- A successful dry run to check the delivery route in preparation for the turbine components arriving on site took place in October 2012.



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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www.the-grange-windfarm.co.uk

is a website dedicated to The Grange 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

For information about renewables for your home visit: www.energysavingtrust.org