Benefits of Wind Energy

By utilising the abundant and free resource of wind energy we can generate electricity, reducing the need for fossil fuels and harmful emissions such as carbon dioxide.

Wind is a tried and tested way of generating clean and secure electricity and contributes to the UK's legally binding renewable energy targets.

Wadlow Website

We have created a dedicated website where you can find further information on the project.
We will also post updates on the construction work and photographs as the project progresses.

www.wadlow-farm.co.uk

RES works to the highest quality, environmental and safety standards when undertaking any construction project. Should you see anything that concerns you please let us know immediately. Contact Stephen Milloy, Tel: 07500 939 583

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:

Stephen Milloy
RES UK & Ireland
Beaufort Court
Egg Farm Lane
Kings Langley
Hertfordshire WD4 8LR

Tel: : 07500 939 583
www.res-group.com
email: stephen.milloy@res-ltd.com

Any more questions?

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

More information about wind power can be found at the following websites:
www.bwea.com
Renewables for your home: www.energysavingtrust.org.uk

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WADLOW WIND FARM

power for good

Construction Newsletter 1 May 2011

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

Since receiving consent to build the 13 turbine wind farm, we have been working on bringing the date for connecting the project to the grid forward to Summer 2012. Wadlow Wind Farm is now ready for construction and preliminary works will be started in early June, 2011.

How will the wind farm be constructed?

Civil Engineering Works
Full construction at Wadlow will begin in early July and we expect the wind farm to be delivering clean, green electricity by late 2012. Civil engineering works will start with the preparation of the access tracks, which will allow the turbines to be delivered, erected and serviced. We will reengineer existing ground at the site for the track structure, greatly reducing the amount of aggregate required and therefore reducing the number of heavy goods vehicle journeys on the roads. All the turbines will generate electricity which will feed into an on-site substation via underground cables. Civil works are planned to continue into Spring 2012 with varying degrees of activity seen at the site throughout the year.

Traffic Management
In order to avoid disruption during the construction process, all deliveries to the site will take place via the site entrance, just past the Camgrain facilities off the A11, which will require only minor works for access by abnormal loads. Traffic management measures will be implemented prior to and during the construction phase. This will be carried out in consultation with the relevant Highways Authorities and the police to minimise any disturbance to local residents and ensure the safety of other road users during construction.

A new network of tracks on site will be built to provide access to each turbine. The tracks will be approximately 5m wide and have been designed to run along existing farm tracks where possible, in order to minimise environmental disturbance and land take.

Turbines
The wind turbines will be delivered in parts and assembled on site. The delivery of the blades, towers and nacelles is expected to begin in Spring 2012. The nacelles are the boxlike structures at the top of the tower, which house the gear box and generator. The turbines will be transported from Great Yarmouth Port on special abnormal load vehicles with a police escort. Further details will be circulated to local residents nearer the time.

Foundations
The towers will stand on concrete foundations which are likely to be 16-18m in diameter 1.5-3.5m in depth. The foundation surface lies up to 1m below the normal ground surface and is back filled with soil. The concrete foundations (image above) will be prepared between September 2011 and February 2012.

Once the turbines arrive on site they will be installed. The steel towers are bolted on to the concrete foundations. The nacelle is located at the top of the towers and the blades are made from reinforced glassfibre and are lifted into position.

Once wind turbine erection is complete, there will be fewer traffic movements. The wind farm will have an operational life of 25 years and funds for its decommissioning have been set aside with South Cambridgeshire District Council.

Safety First

Safety is our number one priority and we ask that you not drive into the site entrance at the A11 or stop along the road to view the construction.

Community Fund

We are proposing a community fund of £1,500 per MW of installed capacity per annum. We have asked the Cambridgeshire Community Foundation to manage the fund but will have a panel of local residents make the final decisions on all funding recommendations that directly benefit local people.

In line with RES's policy, we will endeavour to use local companies wherever possible during the construction phase.

Selection of contractors

RES will, where these services and supplies are available, employ local companies for the construction and operation of the wind farm. RES has stringent requirements for Environment, Safety and Quality and these form an important part of our contractor selection procedure. We have chosen our preferred civil engineering works contractor for this project, Forkers Ltd, who will be looking to tender for sub-contractors throughout the construction phases.

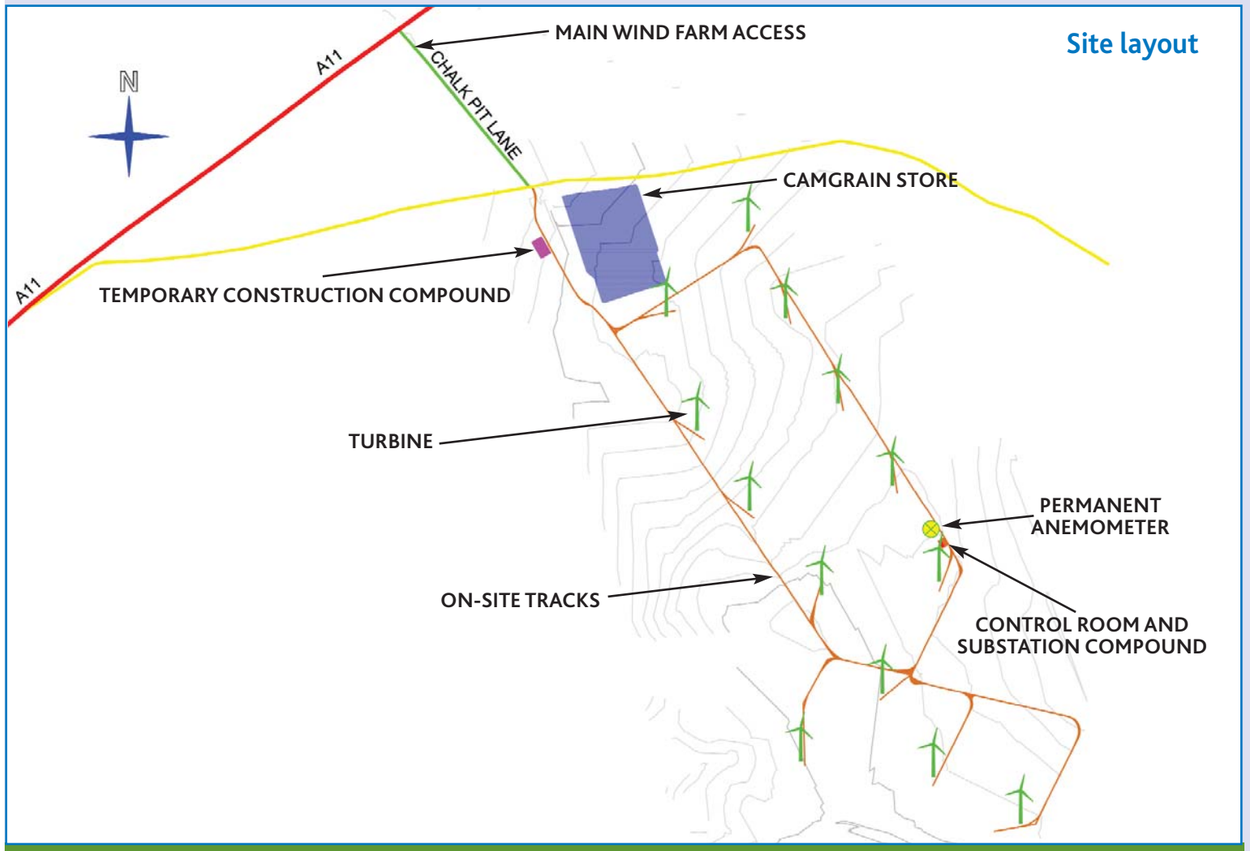
Forkers Ltd has a regional office located in Cambridge and will be, where appropriate, sourcing as much local labour and materials as possible, typically:

1. **Construction materials suppliers - concrete, aggregates, building materials etc.**
2. **Construction contractors - civil engineering contractors, electrical contractors, building contractors etc.**
3. **Plant hire contractors - excavation, earthworks, craneage**
4. **Labour hire companies - Engineers, plant operatives, general labourers etc.**

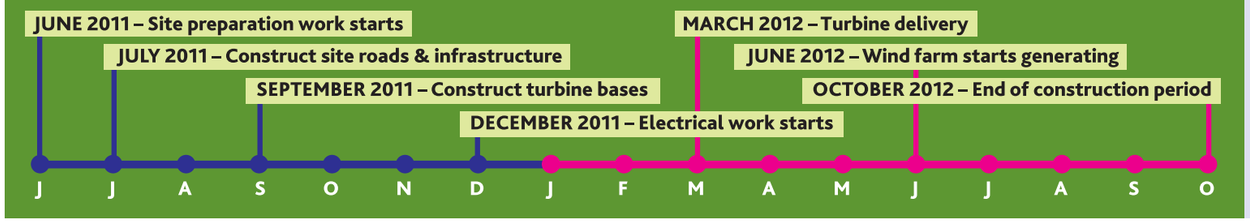
If you are interested in supplying any of the above services please email Duncan Brooks at duncanbrooks@forkers.com

Projects of this nature will inevitably require specialist technicians from outside the area, and so local accommodation and catering facilities will also be required for them.

Site layout



PLANNED ON-SITE ACTIVITY TIMELINE



Construction of a turbine at Wolf Bog Wind Farm, Northern Ireland

About RES

RES is one of the world's leading independent renewable energy developers. We play a vital role in developing and constructing projects that contribute to UK's energy supply. RES has developed and/or built over 5GW of wind capacity worldwide. In the UK, we currently have over 1,000MW of onshore wind energy either constructed, under construction or consented. The Wadlow Wind Farm will be the first project that RES has developed in England for 15 years and we are excited to bring our global expertise to the project.

At RES we are proud of our reputation for designing projects that optimise power performance whilst minimising any effects on local people and the environment. We work closely with communities, local authorities and independent experts to ensure our wind farms are built to the highest standards. We want to be good neighbours and listen to and address any questions or concerns you may have. Please contact Stephen Milloy in the first instance.

Meet the team

Stephen Milloy
Construction Site Manager

Tel: 07500 939 583 / 01923 299 200
Email: wadlowconstruction@res-ltd.com

Stephen is the Site Manager for the site and will be at the wind farm throughout the construction phase. Stephen can be contacted if you have any concerns throughout the construction period.

Wadlow Wind Farm Stats

Location	**Wadlow Farm**
Number of Turbines	**13**
Installed capacity	**26MW**
Electrical Generation	**15,000 houses* (Approx)**
Community Benefit fund	**£39,000 per annum for 25 years**

**Based on RES studies and annual average homes consumption figures from Department of Energy and Climate Change, 2008.*