Public exhibition dates and venue

npower renewables are holding an exhibition to show residents the proposal in more detail and to present information on issues relating to climate change and renewable energy.

The exhibition will include a number of displays including photomontages, which show computer generated images of how the wind farm could look in the current surroundings.

We invite everyone to attend the exhibition so they can talk to staff and we can answer any queries and comments. We will be asking those who attend to complete feedback forms so we can take any comments into consideration, before our plans for the wind farm are finalised.

The Langham wind farm exhibition will be held on:

Friday 2nd December

11am - 4pm

Saturday 3rd December

11am - 4pm

at The Farm (formally Bank Farm Country Club) near Wolla Bank on the coast road between Anderby Creek and Chapel St Leonards.

If you would like this in larger print, please contact Kim Gauld-Clark on 0118 959 2440.

Who are npower renewables?

npower renewables are the UK's most experienced wind energy developer, dedicated to generating electricity using sustainable, environmentally-friendly resources. We are the leading developer and operator of onshore and offshore wind farms in the UK, with over 13 years' experience in the wind energy market. We currently manage 15 wind farms totalling 267MW of installed capacity. We also have hydroelectric plant and co-firing biomass operated through our parent company RWE npower.

Further information

Information can be found at the following websites:

npower renewables: **www.npower-renewables.com/langham**

The British Wind Energy Association: **www.bwea.com** and **www.embracetherevolution.com**

For the more technical aspects of wind energy: **www.windpower.org**

Have your say

You can make comments by e-mailing: **langham@npower-renewables.com**

Or writing (freepost) to: **Kim Gauld-Clark, npower renewables Ltd., FREEPOST SCE9163, Reading, RG1 8BR.**

[1]This figure was calculated using the following:
An average home utilises 4700 kWh per year (Ref: The Digest of UK Energy Statistics 2005 gives 2004 domestic electricity consumption as 117.589 terawatt-hours (TWh) which, when taken with the 25.2 million households,
Wales = 1.213 million, (http://www.wales.gov.uk/keypubstatisticsforwales/content/publication/housing/2005/sb2-2005/sb2-2005.htm),
England = 21.109 million,(http://www.bournemouth.gov.uk/Library/PDF/Living/Planning/Research/Mid%20year%20household%20estimates%202000%20to%202003.pdf),
Scotland = 2.217 million (http://www.scotland.gov.uk/Resource/Doc/933/0004175.xls);
Northern Ireland = 652,000 (http://www.detini.gov.uk/cgi-bin/downdoc?id=922,)
gives an average electricity usage of 4,666kWh per year per household. The energy predicted to be generated by the proposal is derived from monitoring wind speeds in the area and correlating this data to wind speeds measured at Met. Office stations. This enables a calculation to be made to estimate the average annual energy production for the site based on 10 turbines each of rated capacity 1.5 MW. The energy capture and equivalent homes figure relating to this project may change as more information is gathered.

[2] National Grid Transco's Seven Year Statement 2004 supported the theory that an appropriate carbon dioxide emissions factor for electricity generated by wind power is in the region of 860g CO2 / kWh.

[3] C.D.Thomas et al., 2004, Extinction risk from climate change, Nature, vol 427

RWE Group

npower renewables

Langham plans to go on show

An exhibition to inform local residents of plans, to be held at local music venue.

npower renewables, have continued environmental studies on farm land between Anderby Creek and Chapel St Leonards and can now confirm public exhibitions will be held to provide more information about the scheme in December. (Please see back page for details of dates and times)

As one of the UK's leading wind energy companies, we are keen to show local residents as much information about the project as possible.

It will take several weeks to complete studies assessing any environmental impacts of the proposed scheme. We also need time to consult fully with local people and therefore if appropriate we aim to submit a planning application early 2006.

A six turbine wind farm with a capacity of 12 megawatts is enough to meet the average annual electricity needs of up to 7,100[1]homes.

If constructed, the site would make a valuable contribution towards the government's commitment to ensure provision of 10% of electricity from renewable sources by the year 2010. It would also help prevent the release of 28,000[2] tonnes of carbon dioxide, the main greenhouse gas attributed to man-made climate change.

Kim Gauld-Clark, Renewables Developer for the project said, "We have had a very encouraging level of support from local people so far, which we hope will continue as the project goes forward. We've produced this newsletter to address the most frequently asked questions and give more detail about the scheme"

"However, if you still have any other queries then the public exhibition is the perfect opportunity to direct them to us. You'll be able to leave written feedback on the scheme, which we can take into account when finalising the design."

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New Langham wind farm layout on page three

Environmental Assessment

At the date of our last leaflet, a request for a Scoping Opinion had been submitted to East Lindsey District Council (ELDC) that sets out the scope of environmental studies that they would like us to carry out. ELDC then asked for the views of a number of bodies, including Parish Councils, English Nature, the Countryside Agency and the Environment Agency. Responses were received by ELDC from these bodies, and a Scoping Opinion has now been sent to npower renewables.

Most of the environmental studies which comprise the Environmental Impact Assessment (EIA) are now complete and work has started on drawing up the final Environmental Statement which clearly displays the results of the EIA. It will take several week to finalise the Environmental Statement, and to consult further with local people via the public exhibitions and statutory consultees.

What next?

We aim to submit a planning application if appropriate and Environmental Statement to East Lindsey District Council in early 2006. The Environmental Statement will be rigorously assessed by Planning Officers at ELDC and the statutory consultees. In addition, as with all planning applications, nearby residents will be consulted by ELDC asking for their views. The application and Environmental Statement will be public documents that can be viewed by all members of the public.

Further to a recommendation from Planning Officers, the decision as to whether or not ELDC grant planning permission will be taken by elected councillors who sit on the planning committee. This will be a public meeting that can be attended by members of the public.

embrace the revolution
www.embracewind.com

Embrace the Revolution and register your support for wind energy. Your support can make a difference.

Your questions answered

Since our first newsletter was published in October we have recieved many comments and questions from local people. Here are the answers to some of the common queries.

Will wildlife be affected?

At Langham, detailed environmental surveys have been undertaken on the site and surrounding area. These include a Phase 1 Habitat Survey, wintering and breeding bird surveys, bat surveys as well as surveys looking for great crested newts and water voles. All surveys closely followed approved English Nature methodologies.

Experience from around 100 wind farms across the UK has shown that birds are very rarely harmed by well-sited turbines and are far more at risk from the effects of climate change and human activities. Research shows that one third of land-based plants and animals could become extinct as a result of climate change before the middle of this century.

Where will the electricity be used?

The electricity generated by the wind farm will feed into the local electricity grid network operated by Central Networks (formally East Midlands Electricity). It will not feed directly into the large transmission lines owned by National Grid. Therefore it is very likely that the electricity will be used locally. The connection into Central Networks' system will be by underground cables and no overhead line will be constructed for the wind farm.

Will the turbines affect the public footpaths on the site?

There are public footpaths that cross the site. Whilst there may be some limited disruption during the construction period, these footpaths will remain open for the entire duration of the operational life of the wind farm.

How long will the wind turbines be on site?

Modern wind turbines are not permanent and generally have a lifespan of around 20 years. After this time, the turbines would have to be removed from the site. This can be done very quickly and easily and leaves no visible mark on the landscape. In addition there is no dangerous legacy of pollution for future generations.

The current project

The plan below is the current layout of the six turbine scheme, that has been drawn up following the advice of various environmental consultants. It takes into account:

- advice from an ecologist who has carried out numerous ecological studies at the site;
- the results of background noise monitoring, to ensure we can comply with the standards set down in legislation;
- engineering constraints;
- advice from our Cultural Heritage professional who specialises in archaeology and listed buildings; and
- advice from landscape consultants involved in the scheme.

The layout of the turbines and access tracks is indicative, and could still be subject to amendments before the formal planning application is submitted.

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Silent workhorses of Ardrossan

"The Ardrossan wind farm has been overwhelmingly accepted by local people – instead of spoiling the landscape, we believe it has been enhanced. The turbines are impressive looking, bringing a calming effect to the town, and contrary to the belief that they would be noisy, we have found them to be silent workhorses"

Councillor Margaret Munn
Ardrossan, Scotland

Energy Saving in the home

If you're considering making improvements to your home you might be interested to know that there are a range of grants and offers available to save you money and help the environment.

You can find out more by contacting the Energy Saving Trust helpline on 0845 727 7200 or visiting the website at www.saveenergy.co.uk

Another avenue to help the environment is via Clear Skies, a scheme funded by the DTI and managed by BRE. Clear Skies aims to give householders and communities a chance to realise the benefit of small scale renewable energy such as:

- Solar Thermal
- Small scale wind turbines
- Micro/small scale hydro turbines
- Ground source heat pumps
- Wood fuelled boiler systems.

You can find more information on Clear Skies grants by phoning the helpline 08702 430 930, or visiting the website at www.clear-skies.org