

KING'S STREET WIND FARM

June 2009

WHY KING'S STREET?

The site at King's Street was identified as suitable for a wind energy development by assessing it against a wide range of environmental and technical criteria. This analysis included assessments of designated areas of national and local importance and all aspects of landscape, nature conservation, archaeology and cultural heritage in the vicinity of the site.

WINDFALL

POWERING COMMUNITY PROSPERITY

LOCAL TRUST FUND

People are strongly in favour of wind power as it reduces global warming, enables security of electricity supply and creates jobs; but while the benefits are global, impacts are sometimes felt locally.

To address this imbalance, Wind Prospect provide a community trust fund to be spent on local projects and activities.

WHAT HAPPENS NEXT?

Following the Public Exhibition, the responses from the local community will be collated, and any issues or concerns that have been raised will be looked at.

The planning application for the King's Street Wind Farm would be prepared in consultation with South Staffordshire District Council for submission, and once submitted, the Council planning committee would then need to decide whether the wind farm can go ahead.

Should the application be approved, construction would start in the following year, with wind energy generation commencing on completion of construction.

DISTRIBUTION

We have endeavoured to reach all residents around the proposed site. If you are aware of anyone who has not received a copy of this newsletter, please contact us and we will forward a copy to them.

Further information on the proposal can be obtained via the project website at www.kingsstreetwindfarm.com. The website will be kept up to date with the progress of the project, and provides additional opportunities to comment on the proposal under its "Have your say" section.

CONTACT:

If you have any questions relating to the content of this newsletter, the forthcoming public exhibition at **Blymhill Village Hall** on **Wednesday 24th June** or the King's Street Wind Farm proposal please do not hesitate to contact us:

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<http://www.kingsstreetwindfarm.com>



Dear Resident,

As part of the national strategy to increase the amount of renewable energy in the UK, Wind Prospect Developments Limited is proposing the development of the King's Street Wind Farm. The site would consist of six wind turbines on land north east of Brineton, Staffordshire, on the Bradford Estate. These wind turbines would provide clean, locally produced, green electricity, helping in the fight against climate change, and improving energy security by providing a renewable alternative to the burning of fossil fuels.

We are currently working on a layout consisting of six 2MW wind turbines with a total installed capacity of 12MW. The wind turbines would have a tower height of up to 80m and a blade length of 46m. Each year these wind turbines would generate as much electricity as is used by around 6 000 average UK homes while avoiding the emission of at least 12 000 tonnes of carbon dioxide each year.*

The Earth's climate is constantly changing. However, something more serious has started to become evident over the last twenty years. Scientists worldwide have realised that the Earth's temperature is rising dangerously fast, and they attribute this rise to human activity.

In response to these findings the Government has set targets to reduce UK carbon emissions by 10% by 2010, with a further aspirational target of 20% by 2020. The King's Street Wind Farm would make an important contribution to this target and to reducing the effects of climate change.

To date, we have held discussions with South Staffordshire District Council (the Local Planning Authority) and other statutory consultees including the Ministry of Defence, Natural England and the Civil Aviation Authority. The site at King's Street is currently undergoing various environmental assessments including ecology, landscape, archaeology, hydrology and noise.

The purpose of this newsletter is to introduce you to the proposal, answer some of the questions you may have about wind energy and to inform you of a forthcoming exhibition to be held in **Blymhill Village Hall** on **Wednesday 24th June**, from **2pm – 8pm**.

We are eager to consult with local residents as widely as possible at this stage. We hope you will be able to attend the forthcoming exhibition to find out more about our proposal, offer suggestions and pose any questions you may have to us.

Yours sincerely,

Paul Grimshaw
Development Engineer and Project Manager



*Figures calculated assuming wind power displaces a mixture of coal and gas emissions (430g/kWh).

SITE INFORMATION

The King's Street Wind Farm is proposed to comprise of six wind turbines each with an 80m tower height and 46m blades (126m tip height), with an anemometer mast, a small switchgear building and a temporary construction compound. All electrical cabling would be underground.

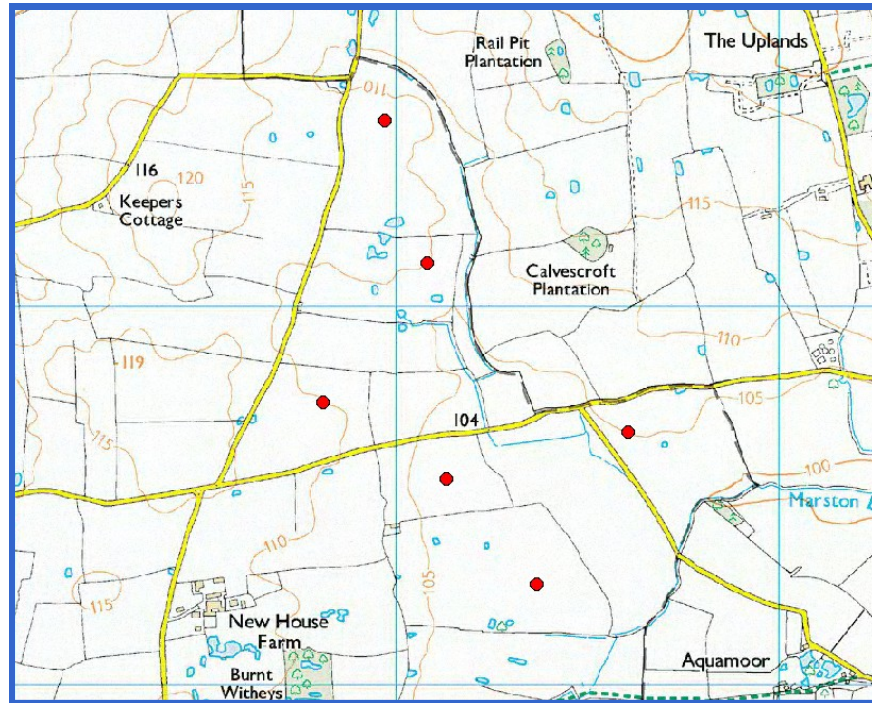
We are currently carrying out a series of environmental surveys across the site in order to fully assess the feasibility of a Wind Farm in this location. This work is continuing alongside full stakeholder consultations. Should the location be deemed to be suitable in terms of environmental impact, a planning application would be submitted to South Staffordshire District Council.

Following submission of a planning application we would continue to work closely with South Staffordshire District Council, Natural England and a series of other consultees, as well as members of the public, in order to ensure that the details of the proposal are clear and comprehensive.

Should the planning application be successful, construction of the wind farm would take approximately 9 months. Once operational maintenance personnel would make monthly visits by car.

The wind farm would be expected to have an operational life of approximately 25 years. After this time, the development would be de-commissioned in order to return the site to its previous state.

KING'S STREET WIND TURBINE LOCATION MAP



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DID YOU KNOW...

- The UK is the windiest country in Europe.
- Wind turbines are a remarkably robust technology, designed to be operated remotely, generally only needing around 40 hours of maintenance per year.
- Onshore wind energy is the lowest cost form of renewable electricity generation.
- If everyone in the world were to consume natural resources and generate carbon dioxide (CO₂) at the rate we do in the UK, we'd need three planets to support us.
- Every unit of electricity from a wind turbine displaces one from conventional power stations: in January 2009, wind turbines in the UK had the capacity to prevent the emission of 3,682,563 tonnes of carbon dioxide per annum.
- In March 2009 the RSPB called for more wind farms, and said it would be "disastrous" if the vast potential of wind power in the UK was wasted.

MORE ABOUT THE KING'S STREET WIND FARM PROPOSAL

TURBINES

The current site design consists of 6 turbines with a maximum height of 126m to blade tip. This layout is based on REpower MM92 turbines, or similar, each rated at 2MW.

SOUND

Modern turbines are surprisingly quiet. The closest turbine would be around 700m from the nearest third party residential dwelling. A detailed noise assessment would be submitted with the planning application.

SAFETY

Wind turbines are safe structures. All activities on the site would comply with relevant safety regulations during construction and operation.

TV & RADIO RECEPTION

The company undertakes to remedy any problems that may arise in connection with interference on TV and radio signals. We have

consulted with the BBC, Orange, BT, Vodafone and various other telecommunication companies, and none have expressed any concerns with the proposal.

WILDLIFE

Ecological studies are currently ongoing to assess potential effects on local wildlife, in particular birds and vegetation in the area. Further studies would be undertaken prior to construction so that all ecological concerns were taken into account.

LOOKING TO THE FUTURE

After construction, the land around the turbines would continue in its current use. At the end of the operational life of the turbines - approximately 25 years - the turbines would be removed and the land reinstated.

WHY DO WE NEED RENEWABLE ENERGY?

Electrical energy is essential to billions of people around the world. We rely on it for crucial everyday needs, from lighting, hot water and heating to power for computers and other appliances. The conventional sources of power involve burning fossil fuels (such as coal, gas or oil) and nuclear fission. Fossil fuels have spurred recent fears including the threat of shortages, security of supply and evidence that the use of fossil fuels is causing climate change. The use of nuclear power raises concerns about construction costs, safety and the disposal of nuclear waste.

The Government's Renewable Energy Strategy states that the ambitious target of generating 15% of all UK's energy from renewables by 2020 means that 35-45% of electricity will have to come from green sources.



SUPPORTING WIND ENERGY

If you would like to support the King's Street Wind Farm, or any other wind farm development, then The World Wildlife Fund, Friends of the Earth and Greenpeace have set up a website to inform people about how to go about supporting projects in their area. You can visit their website at www.yes2wind.com