

npower renewables

14b Redwell Court
Harmire Enterprise Park
Barnard Castle
County Durham
DL12 8BN

T +44 (0)1833 69 59 80
F +44 (0)1833 63 13 28
E hampole@npower-renewables.com

This booklet is printed on paper
which has been bleached without
chlorine and made exclusively
of wood from sustainable forests

October 2007

Public Exhibition and Energy Efficiency Event

Hampole Wind Farm Proposal



Friday 26th October 2pm-7pm
Saturday 27th October 10am-4pm
Former Village Hall, Brodsworth

“Onshore wind is projected to become the cheapest source of electricity by 2020. This is due to sustained reductions in costs for wind power plant combined with increased costs for fossil fuels, particularly coal and gas.”

Sustainable Development Commission Report, Wind Power in the UK, 2005



Ffynnon Oer Wind Farm, Wales

Hampole Wind Farm Proposal – view our plans

npower renewables has continued environmental studies on farmland to the south of Hampole and will be holding a public exhibition and energy efficiency event on the 26th and 27th October to display their proposals.

npower renewables, one of the UK’s leading wind energy companies has been investigating the potential for developing a wind farm on land to the south of Hampole (please see location map on page 3).

renewable sources by the year 2010 and 20% by 2020. It would also help offset the release of thousands of tonnes of carbon dioxide, the main greenhouse gas contributing to climate change.

Studies have shown that the site has potential for up to five wind turbines. npower renewables would now like to present its proposals for the site to local people in order to gain their opinions and suggestions.

Sir David King, the Government’s Chief Scientific Advisor, describes climate change as, “the most severe threat that we are facing today, more serious even than the threat of terrorism.”

Based on the average capacity factor¹ for wind farms in Yorkshire and The Humber, a 5 turbine wind farm at Hampole, with a capacity of between 10 and 15 megawatts, could meet the average annual electricity needs of between 4,800 and 7,300 homes.

Joanna Thompson, Senior Renewables Developer for the project said, “We would encourage people living locally to attend the exhibition later this month. It will be an excellent opportunity to find out more information about the proposed development and ask any questions. Visitors will also be able to view computer generated images of how the wind farm could look”.

If constructed the site would make a valuable contribution towards the government’s commitment to ensure provision of 10% of electricity from

Hampole Wind Farm Proposal – your questions answered

Since issuing a leaflet to local residents in March 2007, npower renewables have reduced the number of turbines being considered for the Hampole site.

How many turbines are you planning?

Following further environmental assessments and feedback from various parties, npower renewables has concluded the site would be suitable for up to five turbines with a maximum height of up to 125m to the tip of the blade (the highest point).

What is the purpose of the public exhibition?

npower renewables would like to present its proposals for the site to local people in order to receive their comments and suggestions. They would also like to provide the opportunity for people to discuss any concerns they may have.

What will happen after the public exhibition?

npower renewables will incorporate any comments and suggestions in its plans for the site with a view to

submitting a detailed planning application for the wind farm once local consultation and environmental studies have been completed.

Will I be able to get energy efficiency advice at the exhibition?

Attending the energy efficiency event will be the npower energy efficiency team and the National Energy Foundation's 'Green Energy Machine'. They will be available to answer questions and give advice on energy efficiency for the home.

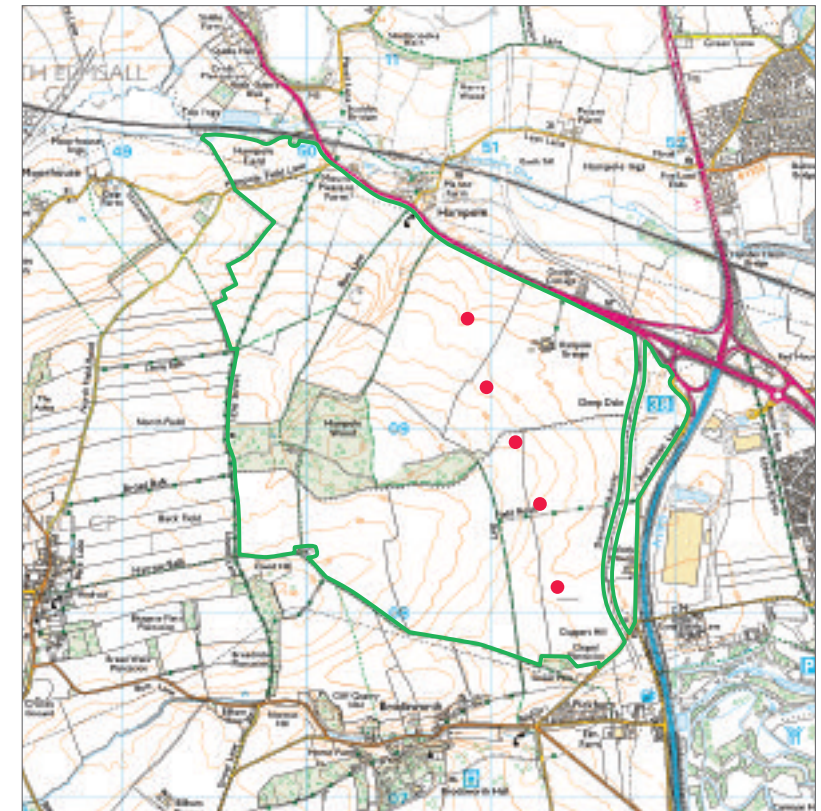
Can children attend the exhibition?

Yes. Children's activities will be provided.

Will I be given the opportunity to visit an operational wind farm?

There will also be the opportunity to sign up for a visit in November to an operational wind farm. Further details will be available at the exhibition.

Our proposal for Hampole Wind Farm



- Site boundary
- Indicative turbine locations

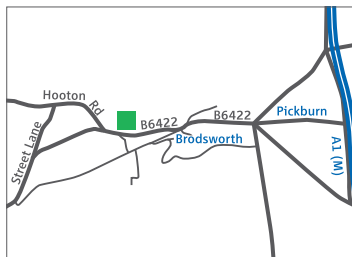
Public exhibition dates and venue

We invite everyone to attend the exhibition in order that we can address any concerns and where possible incorporate suggestions local residents may have in the site design.

The exhibition and energy efficiency event will be held on:

- **Friday 26th October**
2pm-7pm
Former Village Hall,
Brodsworth, DN5 7DL
- **Saturday 27th October**
10am-4pm
Former Village Hall,
Brodsworth, DN5 7DL

Admission is free and all the family are welcome to attend.



Contact us

We hope that you have found this leaflet interesting and informative and hope you will be able to join us on either of the dates above. If you would like further information about wind power or npower renewables, or wish to send us your comments please use the following contact details:

npower renewables
14b Redwell Court
Harmire Enterprise Park
Barnard Castle
County Durham
DL12 8BN

E-mail

hampole@npower-renewables.com

Information about the Hampole Wind Farm will also be posted on our web site at www.npower-renewables.com/hampole

If you would like more information about wind energy, please visit our web site at www.npower-renewables.com or the British Wind Energy Association web site at www.bwea.com

Thank you for taking the time to read this leaflet.

“By 2025, if current policy is unchanged, there will be a dramatic gap on our targets to reduce CO₂ emissions; we will become heavily dependent on gas; and at the same time move from being 80/90%, self-reliant in gas to 80/90% dependent on foreign imports, mostly from the Middle East and Africa and Russia.”

Tony Blair in speech to CBI May 06

1 A modern wind turbine produces electricity 70-85% of the time, but it generates different outputs dependent on wind speed. Over the course of a year, it will generate about 30% of the theoretical maximum output. This is known as its load factor or capacity factor.

2 Energy predicted to be generated by the proposal has been calculated using an assumed capacity factor of 26% (DTI Energy Trends UK capacity factors 1998-2004), and is based on an installed capacity of 10 to 15 MW. The energy capture predicted and hence derived homes equivalent or emissions savings figures may change as site specific information is gathered.

Equivalent homes supplied is based on an annual electricity consumption per home of 4700 kWh, which is derived from a total UK domestic electricity consumption of 117.589 terawatt-hours (TWh) and 25.2 million UK households giving 4,666 kWh per year per household.

UK energy consumption is as stated for 2004 in The Digest of UK Energy Statistics 2005. Number of UK households is as stated for 2003 in the Mid-year Household Estimates published in 2004 by the Office for National Statistics.