

## Press Release

**Date:** 25 June 2008

**Subject:** Delivery of final four wind turbines to Knabs Ridge

Deliveries of the final four wind turbines to npower renewables' Knabs Ridge Wind Farm are set to begin on 30 June as North Yorkshire's first new wind farm in 15 years nears completion.

The wind turbine component parts will be delivered via the A1 and will pass through Harrogate towards the Knabs Ridge site south of the A59 Harrogate to Skipton road.

The £13 million wind farm is the first development of its kind for Harrogate and will comprise eight wind turbines in total. Construction of the wind farm is expected to be completed by late summer 2008, and once operational the wind farm will meet the approximate domestic needs of around 5,500 homes\*.

Tim Daldry, npower renewables' project manager for the Knabs Ridge Wind Farm, said,

"These are the final four wind turbines to be delivered to the site, where the four other turbines are already in place and operational.

"Work to erect the turbines will begin week commencing 30 June, weather permitting, and should be completed by mid-July.

"We will continue to liaise with local Police and the County's Highways Department to ensure we minimise disruption to local people while the turbines are being transported to Knabs Ridge."

The 2 megawatt (MW) turbines, which comprise a 58 metre (m) tower with a 70 m rotor diameter, have been manufactured by REpower Systems based in Germany.

Not only will the wind farm supply a large number of homes with clean, sustainable electricity, but it will also make a valuable contribution towards reducing carbon dioxide emissions.

## **Ends**

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### **Editor's notes**

\* Energy predicted to be generated by the proposal is derived using wind speeds monitored in the local area and correlating to a Met. Office station providing longer term data. This enables a calculation to be made to estimate the average annual energy production for the site based on 8 turbines each of rated capacity 2 MW. The energy capture predicted and hence derived homes equivalent or emissions savings figures may change as operational 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) (The Digest of UK Energy Statistics 2005) and 25.2 million UK households (Mid-year Household Estimates published in 2004 by the Office for National Statistics).

npower renewables is one of the UK's leading renewable energy developers and operators, committed to developing and operating wind farms and hydro plant to produce sustainable and environmentally-friendly electricity. The company operates 16 hydroelectric power schemes and 19 wind farms in the UK, including the country's first major offshore wind farm, North Hoyle. npower renewables is also working with marine energy technology partners to deliver new wave and tidal stream power projects in the UK. Through our existing projects and those in development, we are working in close partnership with communities and companies throughout the UK. As Government policy drives the UK towards a target of supplying 10% of electricity from renewables by 2010, and 15% by 2015, we will be at the forefront of realising this aim.

npower renewables is a fully owned subsidiary of RWE Innogy, and sister company to RWE npower, a leading integrated UK energy company, whose activities include the co-firing of biomass and the implementation of a major energy efficiency programme.

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