EAGLE POWER

Mr Jason Bradley
Windy Bank Hall
Green Moor
Sheffield
S35 7DQ

15th September 2010

Dear Jason,

Many thanks for your telephone call of today and for updating me on the pre-application feedback received from the local planning officer regarding your proposed wind turbine.

As requested I have looked at the possibility of an alternate location should the original location be unsuitable.

Below is my professional view of the suggestion made by the planning officer based upon over 20 years experience I have of working with and installing wind turbines.

Site 2 puts the house between the turbine and the prevailing SW wind. The resultant turbulence would substantially reduce the annual output, in addition it would be slightly less elevated than the original site by approx 5m, this combined with the turbulence could add up to a 40% reduction in output equating to approximately 11,000kWh and over 6 tonnes of carbon savings lost. This site is also less than 100m from the cricket club, and is in direct view of Hilltop Farm, New Houses and several local houses in your village.

The above figures are an approximate as it is impossible to predict the wind and it's exact direction, speed and the turbulence generated accurately but are in my professional opinion a very good indication of the power & carbon saving that would be lost.

In conclusion it is still my view that the original location is the best and really only place to maximise the carbon saving for the environment and to help your village to reduce it's carbon footprint and meet the local council & government carbon reduction targets. Further to this I feel that the large financial outlay by yourself would not be productive on your land in any other location that the original site.

I hope this helps and should you or the planning officer require any more info or advice please do not hesitate to contact me.

Best regards,

John Gumbley

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