

17 Oct. 12

To The Senate Committee,  
Renewable Energy (Electricity) Amendment (Excessive Noise from  
Wind Farms) Act 2012.

### NOISE FROM WIND TURBINES

I support the bill and I wish to make my opinion known on industrial wind turbines in regards to the noise.

There are also many experts from overseas e.g. Dr. M. Swinbanks,(former NASA Scientist and Acoustician), Dr. Flowcs-Williams (Leading Uk Acoustician) Aalborg University, Acoustics Dept. Denmark who also state that wind turbines emit noise above acceptable levels and that they also emit infrasound (a noise felt rather than heard). Many people are complaining that they cannot sleep because the noise is constant and annoying and some are suffering health issues.

When people are sleep deprived as experts will agree that it can cause health problems.

Some people may not be affected but when people are leaving their homes to live in garages, caravans or other lesser places to get away from the noise there must be problem.

Now that turbines are being built large the problems are only getting worse.

People who stand underneath them cannot hear anything and up to 10 km away in some cases further they are heard especially under certain weather conditions and you definitely have a problem They also seem to exacerbate existing medical conditions. I therefore think that to approve any turbine complex in rural areas there must be studies done to find out if people living within 10 km are going to be impacted by the noise both loud and felt.

References :-

Van den Berg G.P. Pedersen E, Boouna J. amd Bekker R (2009) Project Wind Farm Perception

Styles P, Stimpson I, Toon S, England R and Wright M. (2005) Microseismic and Infrasound :monitoring of low Frequency Noise and Vibration from Wind Farms. Recommendation on the siting of windfarms in the vicinity of Eskdalemuir, Scotland. Keele University pp 125.

Swinbanks M.A. (2011) The Audibility of Low Frequency Wind Turbine Noise. Paper presented to the 4<sup>th</sup> International Meeting on Wind Turbine Noise. Rome Conference 12-14 April 2011.

Sincerely

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Justice of the Peace  
164528