Renewable Energy Act 2000
Senate Submission – Nov 2012

I am in support of the proposed amendments to the Renewable Energy Act.
Not enough research has been undertaken to date of what REAL impact this form of renewable energy has on people, animals and the environment in general.

There are serious health impacts to people located in the area of wind turbines locations. The disappointing aspect of this, these people are crying out for help to have their quality of life restored again. Our medical profession i.e. local G.P's., have no information on the affects of turbines as this is a new source of renewable energy to our country. It is a very grey area in the medical profession and more needs to done in this area to bring these practitioners' up to date.

Next to our farm the neighbour has a diesel generator for their power source. The noise of this generator at night time is acceptable if we are outside in our garden yard, the problem is when we are in bed the vibration noise from the generator travels in the ground and into our house. The generator is located 700m from our house. This is the same problem I see occurring with wind turbines with the vibration travelling in the ground.

Wind turbines are planned for the area neighbouring our farm. The amendments to Renewable Energy Act 2000 are necessary to cease further problems of *excessive noise from wind farms.*
Problems with excessive noise from wind farms has already had a senate enquiry "Social and economical impact of rural wind farm "June 2011

The recommendations:

1. 2.44
   Noise and vibration indoors is already a current issue from neighbour's generator 700m from our existing family home. This generator is small in 100kg of mass weight versus wind turbines at 2400m from proposed location of closest turbine to our home, a 30000kg spinning of a turbine blade near our home. The vibration from this mass weight will have enormous impacts on our home, health and lifestyle. The effect of these strategic conflicts of modern age.

2. 2.58
   I agree with the recommendation of complaints are dealt with by an independent arbitrator. I don't agree with state and local government agencies responsible for ensuring compliance. This also should be done by an independent body that is qualified for such tasks.

3. 2.69
   The Renewable Energy (Electricity) Amendment (Excessive Noise from Wind Farms) Bill 2012 is necessary piece of vital legislation to cease noise pollution from industrial developments in rural areas.

4. 2.101
   I agree with recommendation 4 with the research to engage across industry and community, and include an advisory process represent the range of interests and concerns. This is a fair and democratic system for all to voice their interests and concerns.

5. 2.102
   The NHMRC review of research should continue, with the regular scientific publications that document noise and vibration effects wind turbines have on people.

6. 2.103
   The National Acoustics Laboratories need to conduct a study and assessment of the noise impacts of wind farms also including infrasound and vibration patterns to all homes located in the vicinity of 10km radius from each wind turbine.
   This data should be made available daily on the internet for the public to view and would be a clear and accurate communication method in to noise monitoring levels associated with wind farms

Thank you for your time in reading my submission and I look forward to the amendments to the Renewable Energy (Electricity) Amendment (Excessive Noise from Wind Farms) Bill 2012

Sue Braid