

**Submission Re: Renewable Energy (Electricity) Amendment (Excessive Noise From Wind Farms) Bill 2012**

We support these proposed amendments to the Renewable Energy Act, because my husband and I live on a small property where a 107 turbine wind energy facility has been approved but construction has not yet commenced.

We are concerned about exposure to excessive noise as on the plan there are four 3 MW turbines within 1000 metres of our dwelling.

No noise monitoring has ever been conducted on or near our property therefore we do not yet know what the impact of noise and vibration will be. If wind energy companies operate within acceptable standards and openly disclose their data that is necessary to ensure that health issues do not occur, the provisions of the Amendments should not affect their operations.

I refer to Amendment 4 at the end of section 14:

Add (6) For the purpose of this Act, a wind farm creates excessive noise if the level of noise that is attributable to the wind farm; exceeds background noise by 10 dB(A) or more when measured within 30 metres of any premises:

- (a) that is used for residential purposes; or
- (b) that is a person's primary place of work; or
- (c) where persons habitually congregate.

We fit the criteria of all a,b and c. as we live and work on our property. If we are adversely affected by excessive noise our capacity to earn a living, albeit part time, has the potential to be destroyed and our independence threatened.

As a health professional I am well aware of the adverse health effects of sleep deprivation and the resulting poor health which inevitably leads to various illnesses especially as we age. We are 71 and 73. There needs to be a realistic buffer between these installations and peoples' dwellings.

Angela and Frank Kearns