Ivan Poh Chan

Renewable Energy Act Amendment

TO: The Hon. Members of the Senate Committee

2 November 2012

REQUEST FOR MORATORIUM ON WIND TURBINE PROJECTS

I support the Senate Amendment bill to the Renewable Energy Act and write this submission to state my research and finding on the alarmingly hazardous nature of industrial wind turbines. This threat is of extreme concern to me as there is a proposed major development near where I live.

It is crucially important to get the broad picture for the truth that industrial wind turbines are a totally unproductive means for reducing fuel consumption (hence virtually no CO2 emission reduction) and yet causes wide-ranging harmful health adverse effects and have monumental negative consequences in every social, economic, ecologic and environmental regard. Approval of these projects would be an act of high folly and ludicrous insanity unless the secret intention is for an act of terror against Australian rural folks in nearby communities and to profit all those connected with the wind lobby.

Harmful health consequences of Wind Turbines

There is undisputed clear evidence now that Wind Turbine Syndrome is extremely damaging to people living and working close to Industrial Wind Turbine Factories. The list (not at all exhaustive!) includes chronic severe sleep disturbance/deprivation, unremitting stress, head pressure/pain, migraines, chest/heart pressure/pain, ear pressure/pain, tachycardia (rapid heart rate), nausea, development of irreversible memory dysfunction, tinnitus, hyperacusis, panic attack episodes, rage reactions, severe depression with suicidal tendencies, fatigue, anxiety, vertigo, distress, visual blurring, acute nervousness, internal quivering (Visceral Vibratory Vestibular Disturbance --- VVVD), Vibroacoustic Disease (VAD) and impaired cognitive performance. The longer one is exposed, the more increasingly sensitive one would be to all these adverse effects which means it has a cumulative destructive effect. So initially any of these may be just a slight bother but it would worsen to overwhelm your body's ability to cope.

VVVD is a disruptive attack to the vestibular balance function, somatic and autonomic nervous system regulation of body which imperil every aspect of human well-being. The ramifications of this disorder is yet to be fully established in research circles but there can be no doubt that there is an impact to the very depths of human well-being. At the very least, the neurological system is seriously compromised and therefore to do that with unknown implications is to subject people exposed like laboratory rats to be experimented with.

VAD is the result of high intensity of low frequency and infrasound noise over prolonged time period which results in marked neurologic damage. There is therefore every reason to suspect that Wind Turbines which is proven to generate toxic inaudible sonic emission would give rise to internal organ damage. It sets up resonance in objects including the human body where it inflicts cumulative destructive organ damage. This is literally a silent killer, you could not hear it but over the long term you would be critically harmed and die because of it. To allow these diabolical machines near where people live and work is criminal.

A word about credible scientific reports. There are definitely enough real accounts out there that industrial wind turbine causes serious adverse health problems. These are independent personal accounts and unbiased research and that means indisputable facts. You could not have any stronger evidence. Why would ordinary people all over the world reporting these symptoms be lying? In fact they testify to their disadvantage in some cases which means the adverse impacts are actually worse! If we rely on studies backed overtly or covertly by wind lobby groups who have vested interests, how can we expect honesty and accuracy? Censored,

manipulated, even fraudulent reported findings are the norm for most scientific publications especially if there is a corporate or financial interest motive. It is always relevant to follow the money trail and ask the question: cui bono?

As you can see, long-term exposure to audible acoustic, low-frequency noise and infrasound of industrial wind turbines creates a living hell. What is a safe setback then? Why proceed to construct Industrial Wind Turbines at all when there is no universally accepted and acknowledged safe setback distance? Low frequency and infrasound noise penetrates all structures better and suffers little attenuation in intensity over great distances. These atrocious maladies may possibly be felt hundreds of km away depending on size, actual siting conditions, atmospheric conditions and terrain resonance topology. The bigger they are, the stronger the intensity of harmful low frequency noise and infrasound they discharge.

I strongly advocate that wind developers be given heavy punitive fines and not just miss out on government subsidies whenever **noise of any frequency range exceeds the normal average ambient level of 30 dB**. The monitoring must be independent and available for the public to obtain 24 hours a day, everyday. No exceptions allowed and this is to be strictly enforced with the full backing of the Government.

A Social, Economic and Environmental Disaster

Human habitation and Wind Turbine Factories should absolutely not co-exist in any location. To have Wind Turbine Factories is to condemn a large area hazardous to humans - a good idea if the intent is to **destroy residential and businesses nearby and ruin the ecosystem and entire serene countryside forever**.

There is guaranteed to be community anger over such fiasco should it come to pass. Friendly neighbour relations would turn sour on learning who had leased their property to be used in this manner. Property prices drop significantly whenever there are industrial wind turbines in the vicinity. Expect regular protests from local communities for livelihood destroyed, properties devalued and lawsuits to seek redress for grievous injustice.

Prime agricultural lands in surrounding areas would be badly affected and crippled due to the dangers posed to humans and animals. Why sacrifice scarce resources for tremendously vital national food security sufficiency for little or no reduction in overall fuel consumption at back-up power stations to run these hopeless industrial wind turbines? Is this not diabolical ruinous policy for the country?

The economic short-term gains in the construction phase which typically benefits foreign companies and those from outside the community is soon replaced by few low paying jobs in the maintenance phase. Please do not be fooled.

Visitors would be repulsed by the sensation of unease and ugly vistas when approaching these wind factory sites, a definite negative blow to tourism. Why destroy the tourism industry on which many local communities thrive on?

The projected requisite construction consequences are indeed horrifying as these are colossal objects that require to be hauled to site in remote undisturbed regions. Heavy machinery like cranes would be used requiring massive ground tear up, road works, trenching, excavation and crushing everything in the paths along these mountain sides which causes soil compaction, erosion, unsightly water runoffs and loss of vegetative cover. Mountain tops would need to be blasted to create suitable flat areas of at least 3 acres. Consider the shameless destruction of such beautiful iconic mountain ranges if this happens.

Yours faithfully,

IVAN POH CHAN