



NAME REDACTED	OBJECT	Submission No: 165678
Organisation:	<p>Key issues: Biodiversity, Noise and vibration, Agricultural impacts and land use, Social and economic, Physiological - infrasound noise / electromagnetic interference / shadow flicker / blade glint</p>	
Location: New South Wales 2354		
Submitter Type: <i>I am a member of the local community who would be particularly and directly affected by the proposed development</i>		
Attachment:		

Submission date: 3/25/2024 1:07:44 PM

*I have been a resident of Kentucky, NSW for more than 15 years. I am writing to object to the Thunderbolt Wind Farm at Kentucky (SSD-10807896) for the following reasons:*

â€¢ *Yes, the sun is a renewable resource, but nothing about the thunderbolt wind farm is renewable. Firstly, the turbines are made in china using fossil fuels, shipped to Australia using fossil fuels, trucked to site using fossil fuels, installed with concrete made with fossil fuel, roads built using fossil fuel. Then following decommission, the turbines cannot be recycled thus disposed to landfill, leaching toxic chemicals into the environment. How is any of this clean, green or renewable?*

â€¢ *Decommissioning of the turbines is also a concern considering no financial assurance is required by the companies undertaking the project to rehabilitate the sites following decommissioning. Will Kentucky and the New England be left with potentially hundreds of spent turbines scattered across the landscape in 20-30 yearsâ€™ time? I also understand decommissioning only involves the removal of the above ground part of the turbine. The concrete is left on-site and buried, also polluting the environment.*

â€¢ *A broader concern regarding Australiaâ€™s transition to renewable energy is Australia will go from being an energy independent country to completely dependent on solar panels and turbines from China in order to power our country. Will the Chinese attempt to influence Australia when we become dependent on them for energy? Will there be certain conditions in the future to supplying Australia with turbines and solar panels? Yes, we do eventually need to move away from fossil fuels, but giving up our energy independence to China is NOT in Australiaâ€™s best interest.*

â€¢ *The wind farm will significantly affect the aesthetic view of the natural environment around Kentucky. This is the reason why many people choose to live here. A significant number of trees will be removed and many km of roads will be built under this development.*

â€¢ *Birdlife will be significantly affected by these turbines, killed by collision with the spinning blades.*

â€¢ *Aerial fire fighting will not be able to be carried out in times of bushfire within the vicinity of the turbines. This would significantly compromise residents, stock and homes in the area when a bushfire occurs.*

â€¢ *Turbine blades contain the toxic ingredient BPA, which is broken down and released from the blades as they spin over their lifetime, thus polluting the surrounding environment.*

â€¢ *This is nothing more than a business transaction for the companies involved, who donâ€™t live in the area. It is disgusting and appalling that the vast majority of local residents are against the development with very legitimate concerns, yet the project is now close to approval. There are currently 386 members of the Friends of Kentucky Action Group.*



â€¢ *As a local resident, I also have significant concerns about the health effects of not just the audible noise from these turbines but also the low frequency pulsations (infrasound). I don't believe this has been studied enough to understand the effects.*

â€¢ *This development (and others in the area) have had a significant negative impact on the mental health of residents in Kentucky. This was obvious by the many speakers at the recent community meeting at the Kentucky Hall on the 14 March 2024.*

â€¢ *At the meeting at the Kentucky Hall on the 14 March 2024, local members of the Uralla Shire Council were in attendance and spoke at the meeting in opposition to the development. I also believe Adam Marshall (Member for Northern Tablelands) has also expressed his opposition to the development. The only people in the community that are in support of the development are the hosts, who would likely also be against it if they weren't to benefit financially.*

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