

Dear Tatsiana Bandaruk

To begin, I am an Australian-born, 5 year resident of Rye Park township. I was referred to you by my colleague John McGrath with whom I understand you are acquainted.. I understand and appreciate his concern and so wish to bring your attention my appeal on two main issues. In your official position I hope and trust you are open to both sides of the debate on the viability and practicality of Wind Powered Farms, and that you seek the best outcome on a Farm-to-Farm basis. My effort today is particularly focussed on the proposed Modification 1 to Rye Park Farm Project SSD-6693.

- I don't approve of the modification proposed for the additional maximum height of the Rye Park Wind Farm towers for many reasons, based on factual evidence and experience gleaned from similar projects elsewhere.. which are available upon request. However, as far as I can see, the acceptance of the wind farms and all that is involved has, in many minds of local residents, naturally, been based largely on one-sided claims and projections by those promoting these schemes and products. Consequently I do not find that a reasonable means by which residents are educated/informed.
- First of all, I would have gone to survey the online gazettal of the above project much earlier, but I had no clue that it was happening until several days ago when I heard of it second-hand. I don't search every paper every day. In fact I rarely get to read them at all. I knew that some in the township and outlying areas have concerns on various or all aspects of the upcoming work to install the RP Wind Farm. However I am not in regular contact or discussion with these people so didn't know how to go about meeting with them and participating until last Saturday.
- My second concern and challenge is that, as is often the case, I believe most of the residents in the townships of Boorowa, Rye Park and other small villages, plus many of the land owners have very little knowledge of, nor seriously considered in a balanced way, the realities and full impact of such a project *on their lives and environment* - both in the short term and the long term. Is that really fair? I sincerely ask.

Consequently, in view of these circumstances, I believe it would be fairer for these people and communities (including *yours truly*) to be given the granting of an extension of time for viewing online, plus gazettal/advertisement in a more comprehensive fashion (postal mailout perhaps) in this area during that time, as *local papers are no longer available*. If you wish to support such a more fair and comprehensive action I will be more than willing to support the Department in

any way deemed necessary. BUT I do wish for the majority to be much better informed about the real facts *for and against*, so residents can make better informed judgements and decisions. After all, they are the ones who will be living for decades with their decision, whether by passive default, or by conscientious will.

Please, I would very much like to hear from you a reply to my email (hopefully co-operative) a.s.a.p. Thanks for taking the time to consider my email appeal on behalf of more than a few here, including the silent majority who as yet do not have access to all factual information and so cannot make a responsible, informed decision. I am conscious that the deadline for complaint submissions is presently tomorrow, 3rd June 2020, but I live in hope you will support our appeal for a reasonable extension of that deadline.

Sincerely

Adrian (& Cheryl) Harris

RE: Mod 1 SSD 6693 TILT Renewables Rye Park wind farm

Dear Tatsiana

I wish to make a submission of my disapproval and distress at the above intention of permanently scarring the horizon of our region. I suggest you view the documentary from Michael Moore's "Planet of the Human" - it shows a glaring anomaly of efficiency of wind farms!

For a lot of wasted money TILT seems to only want to serve the village of Rye Park with heavy trucks trundling through our narrow streets delivering monstrous equipment that may only offer a minute amount of energy over the twenty odd years they may operate before the ugly apparitions cease to function. Meanwhile the surrounding wildlife have to suffer for man's ineffective attempt to "green" our energy. Has any studies been done to as to how much fossil fuel will be used to construct these farms as opposed to how much energy will be produced over their life time?

Our lovely village is predominately senior citizens who have a love of the peace and quiet the area offers. From what I understand - our peace and contentment is likely to be severely intruded for about 2 years. It is also my understanding that an elderly couple have been approached - offering to buy their property to make room for the trucks. These people are in their 90's and a move would be most difficult and heart breaking for them, but no-one these days wish to consider the emotional aspect of anyone all in the lure of the almighty dollar!

Please accept this as my voice strongly opposing this venture!

I apologise if my words sound strong and bitter - please do not take them personally. However they do reflect my attitude toward this awful waste of tax payers money and the dreadful upheaval.

Cheryl Harris

Dear Tatsiana Bandaruk

Further to my recent appeal submission re the Rye park wind farm, I ask that you allow me to submit some additional points to my original submission in something of a different form, but vastly more vividly demonstrable, to show that the current 'hawt' wind turbines in planning to be used for the Rye park Wind Farm are of inferior design quality, safety, low output despite huge tower height, and high price as compared to 'VAWT' and therefore they will ultimately prove bad value and bad for our nation and economy. These points are well summed up in the videos I have provided links to below.. The presently used HAWTs are

- inefficient and dangerous, as they are top-heavy, need to be steered into the wind using expensive sensors and servo equipment which has a high probability of malfunctioning and breakdown, hence the requirement for huge, expensive reinforced concrete bases and complicated electro-mechanicals, yet they still overheat and collapse in high winds due to the tremendous leverage placed on, particularly, the overstressed lower part of their high tower.
- difficult and dangerous to service and repair as the generation and control equipment is at the head, not at ground level
- require ever-increasingly huge towers to give clearance for the larger and larger blades assumed to be needed for higher power outputs, and when a blade is damaged or becomes dislodged, it is often inevitable the tower will fall due to the massive inertia and unbalance at the head region, exerting excessive destructive leverage at the tower base.
- Wind farms are never pretty and stand out in the landscape like giraffes on a plain. However, there are much lower, safer and more efficient turbines (for a fraction of the cost) which are being pressed into service around the world with far less catastrophic failures, they are less conspicuous and don't need to be steered into the wind. They are way more bird and bat safe, can take extremely high winds without damage, and associated equipment is mounted at their relatively small and inexpensive base, at ground level. They also can employ 'saturable reactors' to slow their speed instead of the wear-and-burnout-prone disk braking systems currently employed on HAWTs.
- **Have any of your staff or consultants considered the 'VAWT'?** The VERTICAL AXIS WIND TURBINE.
<https://www.windpowerengineering.com/vertical-axis-wind-turbine-technology-continues-improve/>
- There are also very low-profile SUPER-VAWT wind farms (with no towers) being installed elsewhere. They don't need any special roads and

equipment, components can be carried in normal small vehicles, are safe and easy to erect, and can produce up to 50 Megawatts per system, at this present stage! That capacity will increase, making the present *mere dream* of wind powered energy replacement of coal-fired generation more and more a **real, practical, viable option**.

SO - WHY HAVE WE SETTLED FOR MORE OF THE SAME 'SECOND BEST' - the tired old, outdated 'HAWT' - CONSIDERING VAWT DEVELOPMENT IS RACING AHEAD AS IT HAS MANY, MANY ADVANTAGES OVER THE HORIZONTAL AXIS WIND TURBINES WE REMAIN HAPPY AND COMMITTED TO CONTINUE INSTALLING - UNTIL OUR WHOLE NATION LOOKS AND SOUNDS LIKE A WHIRRING, NOISY PINCUSHION? WHAT WILL OVERSEAS VISITORS COME HERE TO SEE? CERTAINLY NOT THE VAST EXPANSE OF BEAUTIFUL, UNSPOILED AUSTRALIAN LANDSCAPES, FLORA AND FAUNA WE ARE SPEEDILY LOSING DUE TO EVENTS NATURAL (E.G THE RECENT **FIRES**) AND MAN MADE (including more **fires** many of which in time will be caused by malfunctioning of these HAWT generators - literal catastrophic BURNOUTS and CRASHES).

PLEASE TAKE THE TIME TO VIEW THE VIDEOS I ASK YOU TO CONSIDER, THE LINKS TO WHICH ARE BELOW. THANK YOU. Please note, pollution, pollution, pollution from start (mining of raw materials) to finish (erction and operation/catastrophic failure) with these! VAWTs need not contain any carbon fibreglass which is a terrible pollutant and fire hazard when ignited.

<https://www.youtube.com/watch?v=nemy4TD4I3A>

<https://www.youtube.com/watch?v=6VyrXAH-UpQ>

<https://www.youtube.com/watch?v=bzJ4Ha3Z0-Q>

<https://www.youtube.com/watch?v=dW1bQziKVUQ>

Your consideration of these vital, additional appeal points will be greatly appreciated. I am not against all types of windmills per se - just against the inefficient, dangerous, grossly unsightly and over-expensive 'flea power ones' made of highly combustible, polluting carbon fibre we are allowing to be foisted on us, and which continue to be erected although they will never match the output of the coal-fired power stations (24/7 output) because they are so small in output and rely on very UNreliable natural forces and so produce a fraction of the power - for a fraction of the time. So whereas there are comparatively few coal-fired power stations, unless we install the best, most efficient and powerful wind generation equipment we will be saddled for decades with thousands upon

thousands of inefficient, expensive, dangerous huge HAWT towers everywhere, clogging up the skyline, endangering aviation and bird life, starting massive fires, yet not even 'delivering the goods.' We will then have to admit red faced that the Australian public and our Government were 'sucked in.' Where is the intelligence, efficiency, environmental advantage and the glory in all that? Really.

Best Regards

Adrian Harris

Rye Park resident

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