

Submission Re: Rye Park Wind Farm Modification

My name is Jeremy Gibson and I am a land owner at 529 Grassy Creek Road, Rye Park.

Tilt Renewables' Project Modification has my full support. In particular I support increasing the height of the towers to 200 metres for the following reasons.

The project and in particular the increase height will greatly improve the efficiency and renewable energy production of the turbines, increasing the generating capacity by 35% and reducing the number of towers by 13% ultimately improving the project. This project and in particular the increase in height improves the projects alignment with the state and federal goals of reducing greenhouse emissions.

The reduced number of turbines will reduce the amount of vegetation required to be removed from the Project envelope. Despite the increase in the height of the turbines and the rotor swept area the specialist ecological assessments identified that its unlikely the modification will increase the risk of blade strike or adverse impacts to bird and bat species listed under State and Commonwealth legislation.

The local community and state will benefit with the project requiring 250 full time employees during the 2 year construction and 10 ongoing regional jobs during its operational life (at least 30 years and possibly 60 years). This along with the \$2-3 million in contributions to the community directly through the Community Enhancement Fund, benefit sharing for neighboring land holders and land holder payments that will flow into the community, all this would be most welcome to our region in this post-covid period and provide substantial economic stimulus for the state.

Tilt Renewables have kept me fully informed of the potential impacts of the proposed changes to the project, including providing results from the studies undertaken regarding increased noise and shadow flicker expected at our location. I am fully satisfied that the impacts from the proposed changes will be minimal compared with that of the currently Approved Project.

Professionally I have worked a number of years in the energy generation and distribution industries as an electrical engineer. Currently when I think of our energy network I have images of never ending coal stock piles ready to be burnt, huge open cut mines across the Lithgow and Hunter regions, emissions from boiler stacks, and river contamination. I am enjoying the increased industry, state and federal focus on delivering renewables and transitioning away from the devastating impacts and reliance on coal and fossil fuels.

Thank you for taking the time to consider my submission.

Kind Regards,

Jeremy Gibson.