

Potential for erosion

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I wish to submit an objection against modification and future construction of the TILT Renewables Rye Park Wind Farm, State Significant Development Application Mod 1 Number SSD 6693 Mod 1 for the following reason.

Massive potential erosion of the steep Rye Park Range, and which is case of "lack of transparency" of the proponent regarding the Rye Park wind farm proponent TILT Renewables whenever I have asked TILT Renewables representatives about access roads they cannot commit to with any certainty the line nor positioning of such access roads.

Considering it is mooted by TILT Renewables that the Rye Park wind farm is a \$700M project and that they have vast experience in constructing similar wind farms, the Proponents representatives do not instil confidence in the community by lack of knowledge of the terrain that they will tackle in attempting to construct this development? Knowing that the access roads to the Rye Park Wind Farm have to carry the heavy the components required to construct the Rye Park Wind Farm, therefore these roads that are required to carry the heavy components to the site of the TILT Renewables Rye Park Wind Farm development need to be at least 8 meters wide, either side of which is to be a 3-meter-wide service vehicle passing lane, total of 14 meters minimum, from information to hand the Rye Park Wind Farm access roads will actually be 30 meters wide..

I passed these figures on to a the proprietor of an Earth Moving Company and who immediately came back with some interesting figures that **the NSW Department of Planning and Environment need to consider very carefully before approving this variation to consent Mod 1 SSD 6693 to go forward.**

My Earth Moving proprietor contact came back with the following information with the slope of the ground and the batters on both sides of the road the disturbed area will be between 30-50mtrs wide depending on the slope. It will be wider in places such as switch backs and U turn areas.

The Earth Moving proprietor also pointed out that attempting any structural earth works on a slope more than 18° is not suitable land use.

Then added to individual wind tower access roads there is easements for underground and overhead transmission lines. For the high voltage underground transmission lines from the Biala wind farm to the Gullen Range 330KV substation the Chinese owned company Goldwind **clear felled trees** in a relatively undisturbed location a 50-metre-wide easement. Creating massive soil disturbance see attached images of that work by Goldwind for Biala high voltage underground cabling.

TILT Renewables are proffering 35-kilometre-long 330KV overhead transmission line which according to TransGrid needs a 60-metre-wide easement.

The underground and overhead high voltage transmission lines will add further to the total of the soil disturbance for this project?

Recent events at the nearby Bango wind farm should back up my claims with apparent sheet erosion off unfinished tower access roads.

Then I'd suggest unequivocally that should this project be allowed to proceed by the DPIE approving Mod 1 SSD 6693 then the actions of both the authorising body NSW Department of Planning and Environment and eventually the developers of this project themselves TILT Renewables will be responsible for creating an ongoing long term erosion of the presently very unstable Rye Park Range.

Regards
John McGrath







