

**Submission  
No 109**

**INQUIRY INTO FEASIBILITY OF UNDERGROUNDING  
THE TRANSMISSION INFRASTRUCTURE FOR  
RENEWABLE ENERGY PROJECTS**

**Organisation:** Reiland Angus

**Date Received:** 14 July 2023

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The Hon Emily Suvaal, Committee Chair,  
Inquiry - Feasibility of undergrounding the transmission infrastructure for renewable energy projects.  
Standing Committee on State Development  
Parliament House  
6 Macquarie Street  
SYDNEY NSW 2000

*Date: 14 July 2023*

Dear The Hon Emily Suvaal MLC,

**Re: Feasibility of undergrounding the transmission infrastructure for renewable energy projects**

Thank you for the opportunity to make a submission to this important inquiry into the feasibility of undergrounding transmission infrastructure for renewable infrastructure projects.

Our main concerns to the above ground towers are linked to the proposed HumeLink project, with full descriptions and a short background attached to the submission.

1. Cultural & heritage concerns
2. Biosecurity Risk
3. Bushfire Risk
4. Aerial spraying & fertiliser application disruptions
5. Construction Disruptions
6. Maintenance disruptions
7. Soil Disruptions – erosion,
8. Vegetation Loss
9. Visual Amenity
10. Health Issues including Audio noise and ELF EMF.
11. Farm Insurance/ Business disruptions
12. Native Flora and Fauna disruptions

We have other items of discussion, but these are our main points on concern – and will be happy to discuss these with you.

The undergrounding of all infrastructure now and moving on should be made a point of discussion. Attached are some examples of other countries making the change of either constructing underground or removing and changing to undergrounding all their high voltage power supplies.

The technology is out there, and Australia needs to be the country moving “up with the times” and doing it right the first time.

Undergrounding HumeLink and all projects into the future in NSW and then Australia will be the least cost option for the people, when all the environmental and social costs of overhead lines are considered. Therefore, undergrounding HumeLink and other projects is in the public interest.

I urge the Standing Committee to recommend undergrounding all transmission infrastructure projects. As we transition to net zero emissions, we need environmentally responsible transmission as well as generation.

Yours sincerely,

The Lucas Family