

Submission
No 265

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

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10 July 2581

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

Dear The Hon Emily Suvaal MLC,

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

I wish to strongly support the undergrounding of the transmission infrastructure of the Humelink 500kV transmission line for the following reasons.

1. Countries overseas have found that this is the responsible solution for the environment.
2. Bushfires, which are becoming an increasing threat to populated areas, would be eliminated together with the attendant risk of air and ground fire control and would continue to operate during bush fires. One of the greatest contributions to global warming are bushfires, which are becoming more and more prevalent and serious all over the world.
3. The environmental and visual impacts will not be affected for tens of kilometres (stated by the National Parks Association as of grave concern in the case of overhead transmission).
4. The towers would no longer be necessary and the lines could be combined underground and be a one-off cost.
5. Less transmission losses with HVDC.
6. Little or no electromagnetic field impacts.
7. No noise, which is already a problem with wind turbines; and

I wish to care for the environment and want to support the move to renewables. Although, the underground cables would cost more initially, the benefits to the environment and to both local communities and visitors would last for generations.

Yours faithfully,

(Alison) Gabrielle King