

**Submission
No 193**

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

Name: Mr John McGrath

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Inquiry into the feasibility of undergrounding the transmission infrastructure for renewable energy projects.
John McGrath

To whom this may concern

I support undergrounding future high voltage transmission lines if HV DC (High Voltage Direct Current) technology is used as against HV AC overhead due to fact that there are less losses from underground HV DC than HV AC (High Voltage Alternating Current)?

Running conductors underground HV DC both decreases the width of the easement and increases the efficiency of HV transfer?

Transferring power across long distances in Direct Current avoids the losses associated with High Voltage Alternating Current?

There exists worldwide including Australia precedents for HV DC underground. Including both Murray Link and Directlink mentioned in my existing undergrounding precedents submission.

Regards

John McGrath