

Glencore's proposed carbon capture and storage project

Firstly, I am not addressing items (a) to (f) of the submission invitation except to point out that this appears to be a very expensive trial with \$35,000,000 Australian tax payers subsidy [HERE](#). If this trial proved to be successful, it would open the way for CCS of far more than the 330,000 tCO₂ proposed in the trial. So, this proposal needs to be assessed on consequences of a much larger scale CCS operation and sites across Australia.

I am making this submission based on (g) and (f) of the submission invitation.

CCS has been unsuccessful except when associated with Enhances Oil Recovery (EOR) or financial/regulatory Government support [HERE](#). For further reading go [HERE](#).

The retrofitting of CCS to a coal fired powered power plant is very difficult. In two attempts in the US, the the projects failed and were abandoned [HERE](#) and [HERE](#). At the Boundary Dam power plant in Saskatchewan, Canada, CCS is dedicated to EOR and has been successful but problematic [HERE](#).

In this trial, CO₂ being trucked from the Millmerran power station 260 km to a site near Moonie which just happens to be the site a depleted oil field (the first commercial oil field in Australia) and sequestered in the Great Artesian Basin (GAB). With emissions from the trucking plus others associated with the CCS, the trail is likely emit more CO₂ than is sequestered [HERE](#). Note that the Millmerran power station is 100km southwest Toowoomba. Why is CO₂ being trucked 260km when Millmerran is above the GAB? Maybe the intention is to use the CO₂ for EOR at the depleted Moonie oil field.

The \$35,000,000 Australian government is contributing to the trial is a subsidy of a fossil fuel project. This against current Federal ALP policy [HERE](#) - item 16. This policy only supports CCS for "hard-to-abate Industries" with the only example given being is cement manufacture. The Millmerran power stations emissions are not a "hard-to-abate industries". You replace the power station with renewable power, with the \$35,000,000 subsidy being directed to transmission infrastructure to direct solar and wind generation to the Millmerran power station site.

This proposal from Glencore should be rejected and the subsidy recalled.

25th April, 2024