

Committee Secretary  
Senate Standing Committees on Environment and Communications  
PO Box 6100  
Parliament House  
Canberra ACT 2600

15-09-2020

**Re: Submission on Grid Reliability Fund 2020**

To the Committee Secretary

I am writing to express my dissatisfaction with elements of the proposed bill that would enable an increase in greenhouse gas emissions via increased use of and increased extraction of so-called 'natural gas'.

This is an archaic product, a finite resource, the extraction of which is non-sustainable.

Further to this is the increase in greenhouse gas emissions any such extraction (fugitive emissions have a CO<sub>2</sub> equivalent 20 x that of CO<sub>2</sub>).

There are several technologies that are immediately available and viable as alternatives for both supply, but especially storage.

What is required in the grid is storage 'batteries' – whether lithium or some other technology or chemistry, for example flow batteries, or even 'pumped hydro storage', for both balancing the fluctuating voltages in the grid and for providing power when the sun doesn't shine or wind doesn't blow.

But yeah, no more gas. Bad idea.

Thanks for your time

Regards