

**Submission
No 10**

**INQUIRY INTO IMPACT OF RENEWABLE ENERGY
ZONES (REZ) ON RURAL AND REGIONAL
COMMUNITIES AND INDUSTRIES IN NEW SOUTH
WALES**

Name: Mr Graeme Tychsen

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Dear Committee

On climate change, a person must go with the most authoritative. The most authoritative is the US National Oceanic and Atmospheric Administration, utterly compellingly, of the US Department of Commerce.

That warning, there is no scope or room for expansion of the fossil fuel sector, in any shape or form, whatsoever.

This position is endorsed by the CSIRO, and Professor Brian Cox, and Neil deGrasse Tyson, highly respected, who continues the Carl Sagan tradition of making science comprehensible to all.

Of course, in his vast career sweep of observation, naturalist David Attenborough, has sighted many of the changes, of climate change and global warming, that have been put.

Why only the most authoritative? The high stakes. The warning includes the risk of the radical resetting the biosphere, for mass extinction, including the elimination of humankind.

It is unlikely the biosphere ends completely.

So, end of fossil, is a matter of urgency, as the greenhouse gases presence is now 50 per cent higher than at the start of the industrial age, from 280ppm to 420, while emissions continue to rise/increase.

Without their presence, global temperature would be minus 18. This gives some idea of their potency.

Fossil is also reprehensibly putrid. Almost entirely overlooked in a very polluted Earth, for starters the forever chemicals, just the tip of the iceberg.

There is no future in fossil, even had you read this years ago.

Just as there is terrible degradation with fossil, it would seem to be far greater with renewables.

Renewables, from rare elements to solar and wind farms' territorial requirements, seem to be very greedy.

This is far worsened by the terrible degradation and tragic bio-diversity loss, since colonisation, for Australia. For Pete's sake, the Koala is now threatened in Queensland, NSW and the ACT.

I would like to see all buildings, in Australia, plastered with solar panels, though they have a fairly short life, raising the prospect of an enormous waste challenge.

Among the many factors militating against nuclear fission, the enormous cost of decommissioning, I would support fusion, still not available, on the basis of the very worrying degradation, of fossil and renewables, of many causes.

Wishing you well in your deliberations,

Yours sincerely,

Graeme Tychsen, concerned for the well being of all the biosphere, the home of living, so wonderful and lovable, creatures.