

General objections to all unreliable energy projects, wind, solar, batteries, pumped hydro.

For a start, stop using the term *renewables*, just tell the truth and call them *unreliables*. Similarly, stop talking about clean energy because there is nothing dirty about CO2 (plant food) and the unreliables are filthy by comparison.

1. The ABC of intermittent energy.

- A. Input to the grid must continuously match the demand.
- B. The continuity of RE is broken on nights with little or no wind.
- C. There is no feasible or affordable large-scale storage to bridge the gaps.

The ABC explains that the transition to wind and solar power is impossible with current storage technology. Consequently we are approaching a tipping point when coal capacity runs down to the point where there is not be enough dispatchable capacity to meet demand on windless nights.

<https://newcatallaxy.blog/2023/07/11/approaching-the-tipping-point/>

2. Consider the human and environmental impact through all the stages from mining in remote places overseas to the disposal of toxic junk in local landfill

3. Protect farmland. See Article 2 from the Paris Agreement in 2015.

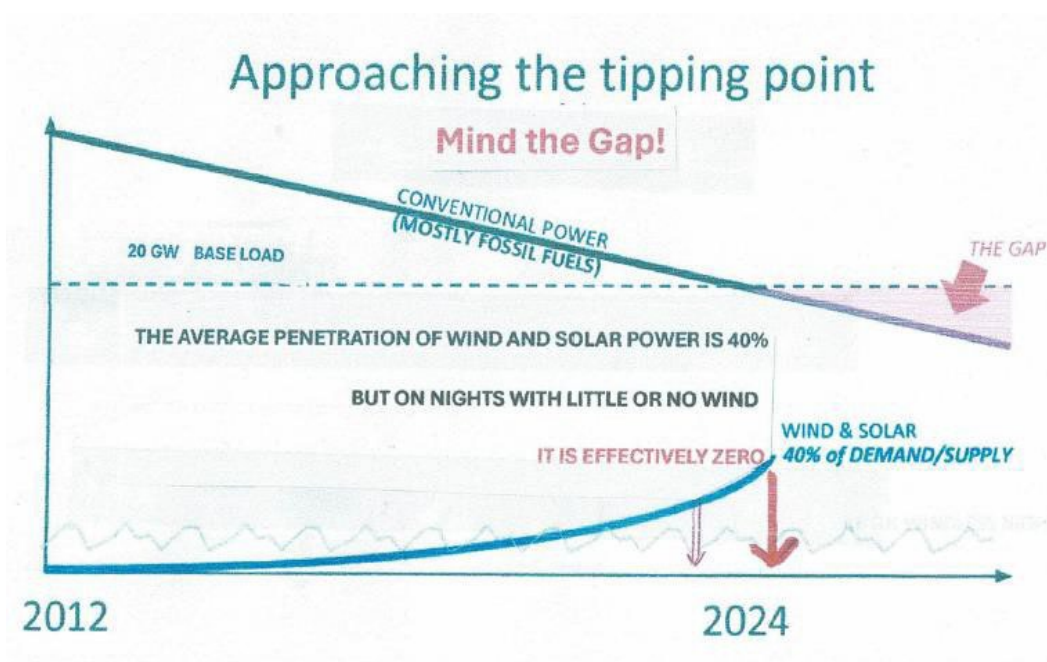
This Agreement, in enhancing the implementation of the Convention, including its objective, aims to strengthen the global response to the threat of climate change, in the context of **sustainable development and efforts to eradicate poverty**, including by: **Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, in a manner that does not threaten food production;**

That means no solar projects, no wind projects, no battery projects on rural land.

- 4. There is no business case for the unreliable energy providers in the absence of subsidies and mandates.
- 5. The rising cost of energy has driven many energy-intensive enterprises to the wall or overseas, with more to come.
- 6. National security is undermined by sourcing most of the expensive and unreliable energy infrastructure from a potentially hostile nation.

7.Count the OPPORTUNITY COST, not just the number of billions that is added to the national debt, think about the hospitals, school, houses, roads, bridges and NDIS services that could be provided using the resources that are buried in the ground underneath wind turbines.

AND WE ARE APPROACHING A TIPPING POINT when coal capacity runs down to the point where there is not enough to meet the base load, the minimum supply required day and night.



TWO ADDITIONAL CONCERNS

A. THE DRYING EFFECT DOWNWIND OF TURBINES (WAKE EFFECTS)

This has two effects that are explained in the paper by Ivan Kennedy attached. First, the risk of ignition is enhanced when the vegetation is dried out. Second, with less moisture in the vegetation, it burns HOTTER after it catches fire.

B. TOXIC CHEMICALS IN PANELS AND WINDMILL BLADES THAT WILL LEACH INTO THE AND GROUNDWATER