

Role of the IPCN

- The role of the Independent Planning Commission of New South Wales is to determine if projects being carried out by the Government are in the public interest.
- The point of the IPCN being independent is so that it will not be pressured by the political influence exerted by Government in its decisions.

Factors To Consider

- The **justification** for implementing Wind and Solar systems is two-fold:
 - 1) To **reduce CO2** emissions to reduce global warming.
 - 2) Electricity Supply Systems based on Wind and Solar will produce **cheaper electricity** than those based on coal-fired generators.

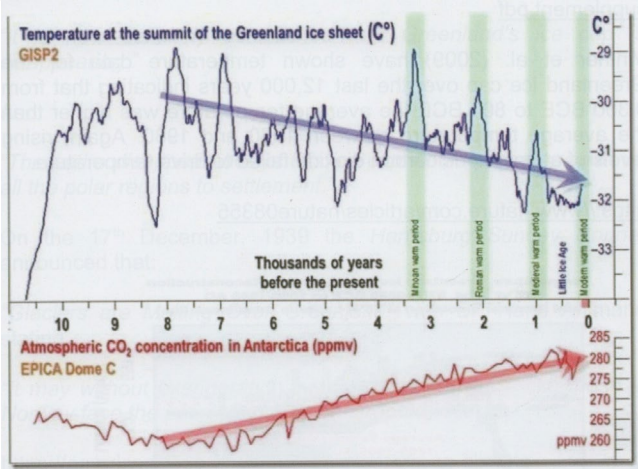
Factors affecting Decision on Muswellbrook

- My opinion is the IPCN is delinquent in the discharge of its responsibilities to the public in that:
 - Those involved in the implementation of these projects have not been compelled to commit to a meaningful performance specification.
 - The cost of these projects far exceeds any benefit they may confer upon the public.

Justification #1 Reduce CO2

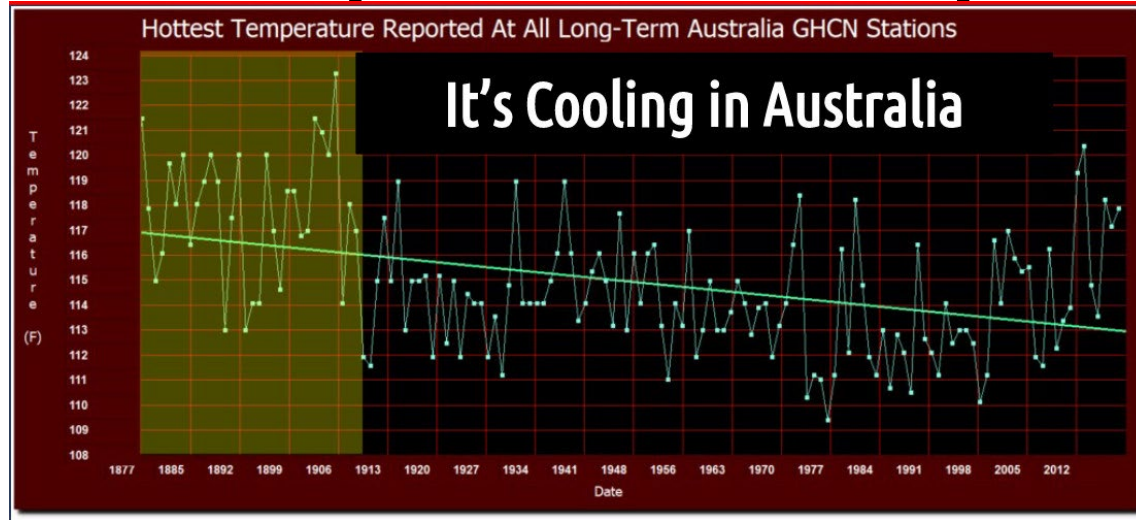


- The amount of CO2 emitted to create and install Wind & Solar is more than they will ever save.



- For 8,000 yrs earth has been cooling. It has been much warmer in the past than today.

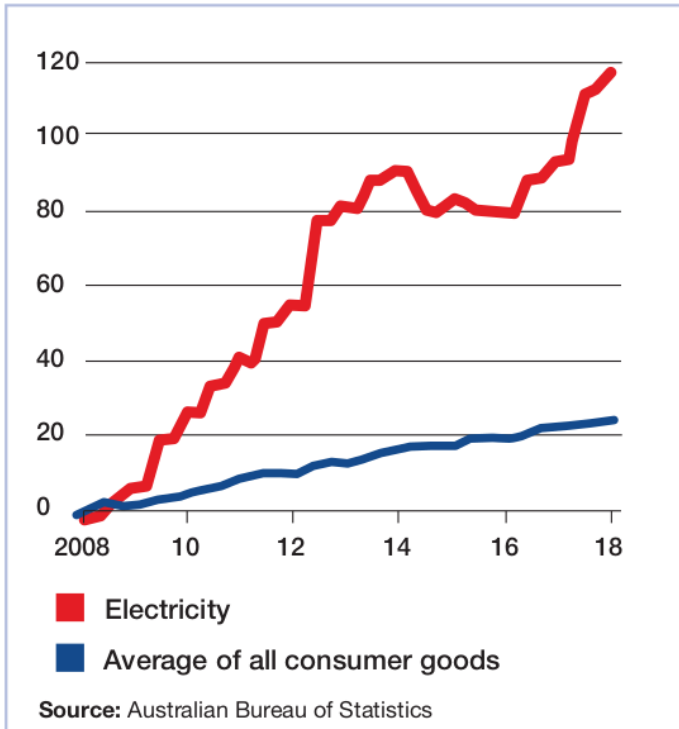
Justification #1 Reduce CO2 (Continued)



- Since 1880 to present day, temperature trend has been downwards. Did the IPCC check this?!

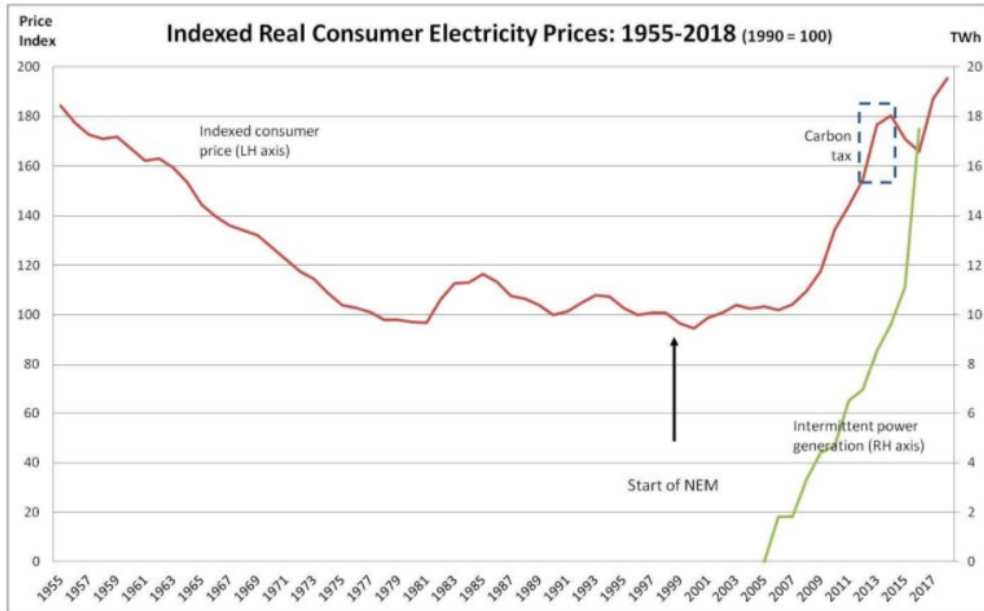
Justification #2 Cheaper Electricity

Cumulative percentage increase in nominal prices



- This is the cost of electricity compared to the CPI with the gradual introduction of intermittent power producers.
- Did the IPCN check this?!

Justification #2 Cheaper Electricity (Continued)



Sources

Prices 1955 - 1980: *Electricity in Australia*, prepared for CIGRE by Frank Brady AM (former CEO, Electricity Commission of NSW), 1996
1980 - 2016: ABS 6401.0 Consumer Price Index
2017 - 2018: Adjustment (15% nominal increase) to take account of price increases announced by major elect distributors in June 2017
Intermittent power generation (Terra Watt hours, TWh) from Figure 4.2 in *Independent Review into the Future of the National Electricity Market*

- Note the effect of intermittently injecting power into the grid
- It destroys efficiency.

Absence of a Meaningful Performance Specification

- The purpose of any electricity supply system is to reliably provide cheap, abundant electricity without subsidy.
- A meaningful specification would state that a system will provide electricity at “x” cents/kWh with a confidence level of supply satisfying demand of “y”.
- For a system based on brown coal this performance specification is typically ~3 cents/kWh with a confidence level of Supply satisfying Demand of 0.9999.
- What is the performance specification of these Wind and Solar Systems?
- **HAS THE IPCN CHECKED THIS?**

Probity – A Summary

- Did the IPCN check:
 - if CO2 actually causes warming of the atmosphere?
 - that Wind and Solar Systems will reduce CO2 emissions?
 - if Wind & Solar produce the cheapest most reliable electricity?,
and
 - whether the suppliers of these system have committed to a performance specification that would substantiate the core justification for these systems?

Dereliction of Duty

- I suspect the answer to those preceding questions is “**No!**”
- I can only conclude therefore that the IPCN is not acting in the best interests of the people of NSW.
- On the basis of what I have shown you, to do your duty to the people of NSW, you must stop all of these projects until there is a guaranteed, relevant performance commitment from the system suppliers that would justify the billions being spent on these projects.

QUESTIONS?