

I cannot be bothered with your process – you can take this or leave it.

When politicians and the media talk or write about “renewable energy”, it is not just wind and solar. There is also **WATER!!!**

In purely electrical terms, Hydro is the best form of generation – inertia, voltage control, flexibility, **STORAGE**.

And pumping load (water, sewage, drainage, etc.) can be treated as a managed load in a centralized monitoring and control scheme to smooth out the demand (e.g., reduce the evening peak when the sun goes down and the demand can rise by 3000 MW in less than an hour).

**Consider the following Integrated Water Management and Energy Scheme somewhere between Lake Eildon and Traralgon:**

- 1) Interconnect some of the rivers within 60km of Woods Point via tunnels and aqueducts to increase water storage and reduce flooding.
- 2) Install a couple of pumped hydro schemes between the Thomson, Blue Rock and Glenmaggie storages.
- 3) Connect to the now underutilized La Trobe Valley to Melbourne transmission easements.
- 4) Consider a new city between Cranbourne and Traralgon.

**Benefits:**

- a. Increased water storage to reduce impact of droughts.
- b. Flood mitigation.
- c. Water for a new city.
  
- d. Increased electricity firming capacity.
- e. Displacement of gas used for firming capacity, delaying the need for import terminals.
- f. Reduced need for electricity transmission.
  
- g. Delayed need for Battery of the Nation and Marinus Link.

