

Nestor Tsambos

Subject: FW: Birriwa Solar Electricity Generating Works & BESS Amended Application - SSD-29508870 Objection Submission

I Object to Birriwa Solar Electricity Generating Works & BESS Amended Application - SSD-29508870 because it is part of an unworkable, extremely damaging plan - as exposed by the following technical questions:-

1. How do you propose to provide reliable fill-in power generation when the average capacity factor of wind and solar systems CANNOT exceed approximately 30%?
2. If your answer is storage (any and all forms) how do you propose to re-charge spent storage facilities on a cloudy windless morning? (which could last for days or weeks)
3. What is the REAL cost of solar and wind systems - which MUST include ALL peripheral establishment and operational costs, that is : " manufacturing, transport, ALL subsidies, fill-in generation by whatever means, construction, land reclamation, disposal and treatment of toxic fail units, recycling of battery materials, grid batteries (that are useless for storage), Transmission Lines ...the list goes on BUT MUST include ALL costs for a realistic estimate.

The planned water tanks do nothing to address the Ticking Time Bomb Electrical Fire/Smoke Toxic Hazard Risks - which are catastrophic & irresponsibly yet to even be researched.

The worker influx of $1200 + 500 = 1700$ random workers in the vicinity of Gulgong is an outrageous PUBLIC HEALTH & SAFETY RISK - HORRIFIC FOR BIOSECURITY!

THIS HAS NO SOCIAL LICENCE AT ALL & NEVER WILL HAVE!

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