

Subject: FW: References for OBJECTION Submission to Wallaroo Solar Electricity Generating Works + BESS

Please add these References to my online Objection to the obnoxious Wallaroo Solar Electricity Generating Works + BESS plan -

I DO NOT CONSENT TO MY FAMILY OR MYSELF BEING DETRIMENTALLY HARMED IN ANY WAY BY ACenergy's GHASTLY SOLAR EG WORKS PLANS OR ANY OTHER CONNECTED LARGE-SCALE SOLAR/WIND ELECTRICITY GENERATING WORKS, BESS & ASSOCIATED INFRASTRUCTURE IN NSW/AUSTRALIA - including but not limited to:-

- **Public Health & Safety Risks - Personal Discomfort & Health Impacts from Electrical Force/ EMR & Deprivation or Contamination of Life Sustaining Food Resource Land, Food Supplies & Water Supplies.
- **Unplanned for, Not Even Researched & Not Appropriately Assessed, Toxic Carcinogenic & Teratogenic Fire/Smoke Hazard Risks.
- **Energy Deprivation - Lack of Reliable, Affordable Electricity - Resulting from Inferior, Unreliable Solar/Wind Generation causing Austerity, Suffering, ill Health & Loss of Basic Services.
- **Consequential Skyrocketing Electricity Prices - Causing Unnecessary Cruelty & Hardship, Cost of Living Crisis & Potential Death from Hyperthermia.
- **Unjust Mistreatment of Landholders & Rural Communities Forced to Endure Such Detrimental Plans - Causing Extreme Distress, Anxiety, Depression, Grief, Family/Social Fracturing & Loss.
- **Deprivation of Rural Outlook & Quality of Life - With Unhealthy, Distressing Noise, Infrasound & Visual Pollution.
- **Emotional Distress, Anxiety & Fear Caused by Government Inflicted Skyrocketing Energy/Cost of Living Crisis.
- **Detrimental Consequences of increased SF6 emissions.
- **Increased Economic Hardship due to Failure of Councils to do their Due Diligence, to Address Compliance, to be Transparent & to be Honest, to Address the Facts & Community Concerns, ie. Additional Council charges for Flawed Assessments & Wrong Approvals - Leading to Unplanned for Clean up & Remediation Costs for Abandoned, Derelict, Contaminating Solar/Wind EG Works & BESS.
- **Any Detrimental Cost Implications for Ratepayers from the Council's & any NSW/Federal Government Body's Persistence in Ignoring Their Duties Regarding the Unethical Hosting, Procurement & Power Purchase Agreements With Energy Generation Reliant on Unethical Slave Labour Supply Chains.
- **Loss of Productivity & Income Due to Contamination, Increased Fire Risk & Heat Island Impacts from Solar/Wind EG Works & BESS.
- **Any Cyber Security Breaches or National Security Threats & Harm Caused.
- **Any Costs Incurred for Ratepayers & Taxpayers by Dealing With the Obvious, Economic Suicide - the Financial Consequences for the Future of Making Seriously Retrograde Decisions by Hosting & Approving Such Harmful Solar/Wind EG Works, BESS & Associated Unnecessary Transmission Infrastructure.

CONNECTING SUBSIDISED & MANDATED, INTERMITTENT SOLAR & WIND POWER TO THE GRID IS THE WORST POLICY BLUNDER IN OUR HISTORY!!

DUNKELFLAUTES WILL

BE POTENTIALLY CATASTROPHIC!!

<https://www.spectator.com.au/2022/11/the-voice-of-energy-realism/>

Solar/Wind utilities cannot be maximised simultaneously & should never be interfering with our once reliable & efficient electricity grid.

Any Power Generation Source That Can't Deliver Electricity On Demand is Pointless!

Hideous ecosystem-wrecking industrial Solar/Wind EG Works, BESS, associated infrastructure & invasive, unnecessary multiplication of Transmission Lines for such a costly, contaminating & wasteful form of electricity generation is illogical lunacy!

Just like Federal Environment Minister Tanya Plibersek's claims that increased renewables mean "CHEAPER, CLEANER ENERGY, LOWER POWER BILLS & LOWER POLLUTION" (SMH 10th April 2023,) these empty promises are totally false!

The demand for 'green' power hurts the environment - with an appallingly huge environmental footprint, only rendered worse by their ineffectiveness at meeting basic power needs.
Inferior, intermittent, Fake Green renewable energy disturbs our independent way of life, denies us modern conveniences, affects our security, economic prosperity, our health & wellbeing & destroys Intergenerational equity for future generations.

Questions Addressed to Metka EGN/ Mytilineos still remain unanswered to date - despite answers to all questions being promised 7th Sept 2021.

With extensive environmental destruction already caused at Wagga Wagga, it is imperative that the Qld & Federal Governments need to answer factually - prior to any approval of Edify's Smoky Creek plans & every other Solar EG Works - with reputable, peer reviewed, independent research.

It is obviously far too late to prevent contamination once construction has occurred!

Simply trusting the developers is careless & not an honest process!

The Precautionary Principle is Paramount!

Company Failures - Metka EGN/Mytilineos Solar Electricity Generating Works Questions 7th Sept 2021 & Also Yet to Be Answered From Jan 2021 - Wagga North Solar - Operational Management Consultation Submission Process.

Metka EGN Wagga North & Wagga South Solar Electricity Generating Works - Unanswered Questions - 7th Sept 2021.

Begin forwarded message:

Date: 7 September 2021 at 10:36:06 AM AEST

To: "lluvia.murillo@mytilineos.gr" <lluvia.murillo@mytilineos.gr>, "Declan.Catto@mytilineos.gr" <Declan.Catto@mytilineos.gr>, "council@wagga.nsw.gov.au" <council@wagga.nsw.gov.au>, "councillors@wagga.nsw.gov.au" <councillors@wagga.nsw.gov.au>, "GRP-Councillors@wagga.nsw.gov.au" <GRP-Councillors@wagga.nsw.gov.au>, "O'Brien.Paul@wagga.nsw.gov.au" <O'Brien.Paul@wagga.nsw.gov.au>

Subject: Metka EGN Wagga North & Wagga South Solar Electricity Generating Works - Questions.

Dear Lluvia Murillo,

Would you please provide specific detail & clarification verbally during our community meeting & in writing in answer to the following questions:-

Metka EGN's PV Solar Panel Origin & Toxicity Guarantee

1. What is the exact **brand & place of manufacture** for Metka's PV Solar panels for Wagga North & Wagga South Solar Electricity Generating Works - full name, address & contact details of manufacturer.

*Please identify the **complete supply chain for all components** which are used to process & manufacture Metka EGN's PV Solar panels.

***Are Metka EGN's Canadian Solar panels sourced from/linked to Xinjiang - enslaved Uyghurs workforce & genocide?**

2. Please provide a **comprehensive list of all molecular compounds/chemical elements** contained in Metka EGN's PV Solar panels (including all of the components which make up the panel,) so this can be reviewed & confirmed by independent scientists.

That is, the atoms and molecules involved in the electrical components, the film, the silicon cells, the frame, etc. of these Metka EGN PV Solar panels.

3. Please provide exact clarification of the **Toxicity Rating & Usage Suitability** of these Metka EGN PV Solar panels as indicated in their manufacturer's product disclosure/description information paperwork & on their original packaging.

*If Metka EGN claims their panels are non-toxic, please provide Metka EGN's Non-Toxic Assurance & legally binding Guarantee to the Community & all Wagga Wagga Councillors - with supporting documentation of the same from the manufacturer.

4. Please provide **Australian Accreditation Approval according to Australian Standards** for these Metka EGN PV Solar panels, specifically in relation to toxicity risk potential for land/water & suitability midst food production.

*This cannot be the Clean Energy Council as It is totally inappropriate to have the solar/wind industry funded Clean Energy Council accrediting itself.

5. Please provide the reputable, peer reviewed, independent **Australian research from the NSW Government & Federal Government** to prove that Metka EGN's Wagga North & Wagga South Solar Electricity Generating Works **will not contaminate the land/water** on site or in the surrounding district, including the Murrumbidgee Floodplain/River.

*This research must include the typical scenarios during placement - cadmium washing from intact solar panels, hail fractured, damaged, degrading, inferior, aged, burnt PV Solar panels - with hail being a common occurrence in this rural area, bushfires also quite common & made much more likely with Metka's presence & the other typical ongoing inevitabilities.

*This likely/inevitable, serious/irreversible contamination risk is yet to be assessed in the approval process for Metka EGN's Wagga North & Wagga South Solar Electricity Generating Works by Wagga Wagga Council Planner & the Southern Joint Regional Planning Panel - who have both purposely excluded it, despite objector's ongoing concerns.

*Hence, valid scientific determination of this obvious environmental risk is required prior to approval/construction/operation.

*This is an extremely negligent failure as according to the POEO Act - the Local Regulatory Authority - Wagga Wagga Council is responsible/liable for any land/water contamination/pollution caused by Metka's Solar Electricity Generating Works.

In effect, this is us as ratepayers!

6. What therefore, is **Wagga Wagga Council's compliance regime** regarding Wagga North & Wagga South Solar Electricity Generating Works?

Please provide Wagga Wagga Councillor's response to all objectors, & the Wagga Wagga community ratepayers.

7. Prior to construction/operation, how is Metka EGN able to prove, ensure & guarantee that Wagga Wagga North & Wagga Wagga South Solar Electricity Generating Works will be **returned to its inherent capability - ie. able to be used as food resource land**, when the toxic contamination risk of Metka EGN's PV Solar panels is yet to be

assessed/determined by Wagga Wagga Council, JRPP, NSW DPIE, NSW EPA, the Federal Government or any other reputable, independent, Australian body?

*Extensive overseas research highlights this heavy-metal leachate risk, with the Federal Environment Minister Susan Ley also acknowledging this risk in response to recent questions regarding large-scale PV Solar: - that "there's a looming environmental contamination disaster which might well mean that a disused panel sits in a poor landfill situation & starts to leach heavy metal chemicals" (25th August 2021 ABC Riverina.)

8. Besides the extraordinarily significant costs that would be borne by Wagga Wagga Council - regarding potential for litigation - if surrounding producer's livelihoods & that of future generations are destroyed or impacted in any way by contamination from Metka EGN's Solar Electricity Generating Works, the very local objectors - who are obviously also the local ratepayers, would be forced to additionally bear this enormous contamination cost burden.

What therefore, are Metka EGN & Wagga Wagga Council's (Councillors as community representatives not the Council Planner) bond arrangements - to cover the serious/irreversible contamination/pollution risk during the presence of Metka EGN's Solar Electricity Generating Works, in addition to the futued decommissioning bond - including full remediation & waste removal?

A transparent **Waste Removal/Clean Up Bond** - held in perpetuity - which cannot be consumed by other Council expenditure, must be retained - specifically for unexpected storm damage, bushfire, abandonment, company collapse/exiting Australia, etc.

It would obviously be essential that this remain held in tact in spite of changes to ownership of the Wagga North & Wagga South Solar Electricity Generating Works & that this would also be expanded to cover likely/inevitable failures of the host landholders - whose toxic electronic garbage is left languishing on their land for the surrounding community to suffer the consequences of.

9. Please document in detail how Metka EGN & Wagga Wagga Council will be providing ongoing, reputable, independent, peer reviewed **monitoring/testing** for any contamination/pollution of the land/water on the Wagga North & Wagga South Solar Electricity Generating Works site & for all surrounding land/water.

10. How will Metka EGN prevent cadmium washing from their intact PV Solar panels?

11. Please provide Metka EGN's Planned, Damaged Panel Treatment in Conjunction With Wagga Wagga Council regarding -

A. Full details of Metka EGN's **local workforce** that would be immediately available following a sudden, severe hail storm event or bushfire etc. to remove vast quantities - thousands, tens of thousands, or over 165,000 hail fractured/burnt PV Solar panels - prior to rainwater washing any heavy-metal leachate into the soil/water.

*Elsewhere, numerous hail fractured PV Solar panels have negligently remained untreated, insitu for more than 10 months - subject to frequent rain events!

A catastrophic failure such as this would likely render this Wagga Wagga site & surrounding land/water irreversibly contaminated for future generations - depriving them of their rightful, uncontaminated soil heritage/intergenerational equity.

B. Documented **immediate availability of 'toxic classed' waste disposal/recycling facilities** - with practical & financial arrangements identified & approved by the community ratepayers & Wagga Wagga Councillors, with responses from said facilities as to their willingness & ability to suitably handle vast quantities of this waste immediately, in a genuinely sustainable manner.

C. Full details of the exact procedure to be followed in order to **guarantee no fragments remain & no toxic heavy-metal leachate washes via rainwater into the soil/water on site or elsewhere.**

Also, **identifying the product used to paint on fractured PV Solar panels & confirmation of where this product is immediately available from in commensurate large-scale quantities.**

12. Please clarify the larger extent (far greater than the out of context 30m referenced) impacts to surrounding food producers of the '**Heat Island Effect**' commensurate with the large-scale of Metka's Electricity Generating Works as supported by reputable, independent, peer reviewed research. This has not been determined prior to approval.

*There are unfortunately now numerous, operational, large-scale PV Solar Electricity Generating Works in the Riverina - detrimentally impacting surrounding food producers & residents with measurable, increased heat effects. These sites provide ample opportunity to enable reputable, independent, peer reviewed, Australian research to clarify the yet to be determined extent of the already well proven 'Heat Island Effect' on the local micro-climate of impacted areas - due to the operation of large-scale PV Solar Electricity Generating Works.

The detrimental impacts on production loss, effects on pollination, hastened insect development cycle & threatened viability of life forms for surrounding landholders/residents impacted are yet to be assessed appropriately according to scale by Wagga Wagga Council, JRPP, NSW DPIE, the Federal Government & yet to be compensated for in Metka's development plans.

References cited from Professor Greg Barron-Gafford's Arizona research has proven the 'Heat Island Effect' in relation to his very small PV Solar site.

However, as Barron-Gafford advised during dialogue with Peter Hall - during the Shepparton Solar Hearing, the 'Heat Island Effect' would be far greater - commensurate with the extensive size of other PV Solar Electricity Generating Works - such as Metka EGN's Solar Electricity Generating Works & also have climatic variations.

As Professor Greg Barron-Gafford also clearly stated that further research was definitely needed to determine the actual scale of resulting impacts, it is essential that this is fully clarified & accounted for prior to approval/construction/operation.

Thank you for your response.

Yours Sincerely,

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****EPA reply - Who is Responsible/Liable For Heavy Metal Leachate Risk From Large-Scale PV Solar Electricity Generating Works On Our Irreplaceable Food Resource Land?**

Solar Electricity Generating Works' plans have neglected to accurately address all of the following:-

****Food Security + Australian Energy Security = National Security**

****Australian Independent Energy = Coal, Gas & a clean, safe, Nuclear SMR Power future.**

****Which companies involved & all of their Solar/Wind/BESS connections are subject to the CCP's National Intelligence Law?**

****Public Health & Safety Risks - Electric Force & Electromagnetic Radiation, Soil/Food/Water Contamination, Energy Deprivation.**

****Proper Research Needed - No Scientific Rigour.**

**** Engineering Facts Have Been Ignored.**

****Connecting Subsidised, Mandated Weather Dependent - Intermittent Solar/Wind to the Grid is the Worst Policy Failure in History.**

****Fake Green - Not Clean & Green or Sustainable at all - as the Full Lifecycle of Solar/Wind/BESS has to be accounted for.**

At least 1,000% more Mining + intensive energy & toxic pollution during processing.

****Power Sources Needed in major City areas instead - avoiding long distance transmission loss, ruination of rural Australia & harming Agricultural productivity.**

****Unconscionable scale of Industrialised Solar/Wind land mass required.**

Michael Shellenberger says it's approx 300-800 times more land required for Solar/Wind than for far superior conventional power generation.

- **Massive Toxic Waste Burden being intentionally created for future generations that will NEVER be economically viable to recycle - if ever even possible.
- **Energy Security risks from inferior, unreliable, weather dependent, Dunkelflaute based Solar/Wind which will NEVER be base-load power available on demand.
- **Economic Suicide - Skyrocketing Energy Prices = Cost of Living Crisis. The more Mandated, Subsidised Solar & Wind in the system = the Higher the Prices.
- **National Security Risks - we need to rely on our own AUSTRALIAN Energy Sources rather than our Most Hostile Enemy - the CCP.
- **Fake Green Wokeness = Weakness
- **Unethical Slave Labour Supply Chain Reliance - Solar's cruelly tortured Xinjiang Uyghurs & Cobalt for Wind Turbines + Batteries reliant on shocking treatment of the Congolese - with Child Labour - children as young as 6 years old forced to mine toxic cobalt in the Congo with their bare hands!
- **No Social Licence - Failed Consultation process by AEMO, AUSNET & TRANSGRID.
- **Immediate Moratorium & Federal Independent Inquiry is Essential.