

Subject: MUSWELLBROOK SOLAR ELECTRICITY GENERATING WORKS + BESS OBJECTION SUBMISSION - SSD-46543209

I OBJECT UNEQUIVOCALLY TO THE EXTREME ENVIRONMENTAL DESTRUCTION BEING CAUSED, THE RUINATION OF OUR LIMITED, IRREPLACEABLE ARABLE LAND SUCH AS THIS 481.9 ha OF OUR RICH SOIL HERITAGE, THE INORDINATE AMOUNT OF TOXIC CONTAMINATING SOLAR/BESS ELECTRONIC GARBAGE BEING CREATED, THE ABSOLUTE WASTE OF PUBLIC MONEY BEING ILLOGICALLY FRITTERED AWAY FOR A TOTALLY ILLOGICAL & CRUEL FAKE GREEN RENEWABULL SOLAR/WIND ENERGY POVERTY GRIFT & PONZI SCHEME/SCAM - INCLUDING THIS 135 MW 300,000 TOXIC CLASSED

SOLAR PANEL MUSWELLBROOK SOLAR ELECTRICITY GENERATING WORKS + FILTHY BESS - **SSD-**
46543209

ESCO Pacific Holdings Pty Ltd, (ESCO Pacific) in partnership with Idemitsu would only be contributing to the NSW Government's shambolic policy making, the completely dodgy & fudged Electricity Infrastructure Roadmap, the "Dangerous to Grid Operation & Totally Mad" RenewaBULL Transition/Transmission Nightmare plans that will NEVER work (as clearly outlined to Matt Kean & Andrew Lewis 10th Dec 2022 in Paul Miskelly's 10 page Rebuttal) & all of dodgy, deceitful TransGrid's totally unnecessary & ruinous Interconnector Transmission Line curse that has NO SOCIAL LICENCE & IS NOT FOR THE GREATER GOOD!

AEMO HAVE US HEADING FOR AN ALARMING, PATHETIC POWER POVERTY CATASTROPHE!!

This EXCELLENT Summary of AEMO's DISASTROUS PLAN is a MUST READ - written by great, trusted experts - unlike the false propaganda that vested interests like TransGrid, bureaucratic ideologues & delusional Politicians with no engineering or scientific expertise spin adnauseam!

**A Reliability Assessment of the AEMO 2022 Integrated System
Plan for the National Electricity Grid**
by independent engineers and scientists
14 November 2022

This reliability assessment report concerning the 2022 Integrated System Plan (ISP) of the Australian Energy Market Operator (AEMO) follows up the submission made last February regarding the draft ISP. That assessment found that the ISP could not meet any of the government's goals for reliability, affordable costs and emissions reduction.

Additional analysis focused on reliability has been conducted subsequent to the publication of the 2022 ISP on 31st June. This report also reflects communications in the last few months with AEMO, energy regulators AEMC, AER and ESB, the Department of Industry, Energy and Emissions Reduction (DIEER), Hon Chris Bowen, Minister for Climate Change and Energy and other ministers.

This report has been prepared by independent engineers and scientists who have no monetary, employment, political or ideological links to this subject matter.

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Using data from AEMO's Integrated System Plan (ISP), a top-down, whole-of-system analysis for years 2030, 2040 and 2050 shows that the ISP grid design FAILS TO PROVIDE SUFFICIENT POWER FOR SYSTEM RELIABILITY regardless of wind and solar operating conditions.

The primary reasons are:

- Inadequate levels of dispatchable power generation;
- Inadequate capacity of energy storage; and
- Over-reliance on geographic diversity and interconnector transmission lines to ensure reliability.

A top-down, whole-of-system analysis inherently assumes 100% connectivity and yet the results show power generation in the planned National Electricity Market (NEM) grid as a whole are simply INSUFFICIENT TO PROVIDE RELIABLE POWER.

It is impossible to distribute adequate power with interconnectors that simply DOES NOT EXIST.

These DIRE RESULTS are a direct result of attempting to design an electrical grid with a vast majority of intermittent, highly variable, weather-dependent wind and solar generation with completely inadequate means for back up from dispatchable baseload power and energy storage systems.

NO RESPONSIBLE POWER SYSTEMS ENGINEER WOULD PROCEED WITH SUCH A NON-VIABLE PLAN.

Furthermore, the implications for the economy and for national security by relying on China, which dominates the market for wind and solar equipment and materials, is extremely negative."

The Muswellbrook Solar/BESS EIS falsely

claims their plan will have no permanent negative impacts on agricultural resources or enterprises when extensive water/sediment run-off & erosion will inevitably, typically occur from irresponsible Solar Construction denuding the landscape (Reference: Photo/Video evidence from Bomen, Wagga Wagga,) sterilisation of the soil, dry-land salinity & contamination will result from Solar's heavy metal leachate & highly poisonous, Fire inferno BESS Battery hazards.

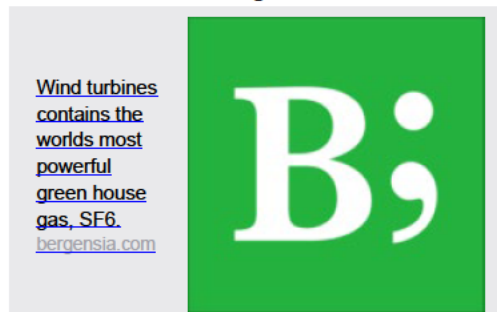
Stacks of Embedded Energy - beginning with mining & production in China using Intensive Coal Fired Power has been intentionally excluded - as we know that:

The Starting Step for the Production Of Pure Silicon.... $\text{SiO}_2 + \text{C} \rightarrow \text{Si} + \text{CO}_2$ IS the Heart of the Solar Panel!

Every step in the production of Solar PV power systems requires an input of fossil fuels - as the carbon reductants needed for smelting silicon from ore, to provide manufacturing process heat and power, for the intercontinental transport of materials, and for on-site deployment.

<https://www.azbackroads.com/around-the-west/rangefire-massive-amounts-of-coal-and-wood-must-be-burned-to-create-solar-panels/>

Neither has there been any calculation made for the most potent Green House Gas of all - man-made SF 6 - leaking from Solar manufacturing.



Whilst claiming to meet various Targets & Objectives of Reliable, Secure, Affordable, Clean, Sustainable Power & Emissions Reduction - NONE of this is true!

The Unethical, Weather Dependent, Pathetic Power, Hopeless Capacity Factor RenewaBULL Plan is causing Skyrocketing Electricity Prices/Cost of Living Crisis & a National Security Nightmare - with Solar Inverters made in China

able to easily get be Remotely Disabled.

Where is the information in the EIS required to address the NSW Parliament Modern Slavery Act 2021, the New Modern Slavery Condition & Amended Stormwater Management Plan - required prior to Construction? (Reference: Oxley Bridge Rd Solar Uranquinty Determination.)

Additionally, as outlined in detail by Stan Moore & adopted by NSW Farmers - up front Decommissioning & Rehabilitation Bonds are essential prior to Construction to avoid future abandonment of degrading, contaminating Industrialised Solar sites.

ESCO Pacific Holdings Pty Ltd, (ESCO Pacific) in partnership with Idemitsu have failed to properly consider the plethora of significant impacts to two TECs being Box Gum Woodland CEEC and Central Hunter Valley eucalypt forest and woodland CEEC (Referral 2022/09303). Three additional threatened species have not been properly considered as significantly impacted being: Critically Endangered Regent Honey Eater, Vulnerable Grey-headed Flying-Fox & Vulnerable Striped Legless Lizard.

The Present EPBC Act listed Threatened Species within 5 km have been wrongly dismissed - the Critically Endangered - Swift Parrot, Endangered - Koala, Spotted-tail Quoll, Gang Gang Cockatoo, Vulnerable - Pink-tailed Worm-lizard, Large-eared Pied Bat, Grey Falcon, South-eastern Glossy Black Cockatoo, Corben's Long-eared Bat. Possible Migratory & Vulnerable White Throated Needletail & Migratory - Fork-Tailed Swift.

I OBJECT to all of this totally useless & unnecessary Solar/ RenewaBULL/ Associated Transmission infrastructure as it is an unconscionable waste of public funds for the most illogical & harmful Fake Green, imaginary power delusion that could ever be orchestrated & forced on the Australian public against their will & for no benefit whatsoever!

These obnoxious, intrusive, anti-Australian plans have no environmental or public benefits whatsoever & 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 - 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 Planning, Consultation & Assessment/Approval process by the Government, Dodgy Developers, politicised AEMO & self benefiting Electricity Networks - including TransGrid.**

****Immediate Moratorium & Independent Federal Inquiry Needed.**

No matter what alternative Transmission Line routes are considered or whether underground, none of that stops the subsidy hungry, off-shore, Solar/Wind/BESS environmental vandals from their relentless ruination & ugly eyesores, the unconscionable, intentional environmental destruction & inevitable contamination risks now cursing rural Australia - our communities, our limited - irreplaceable - life sustaining food resource land & vital water sources - in the disingenuous name of renewaBULL energy!

No amount of Fake Green bribery-like hosting dollars will ever cover the multitude of sins this disastrous plan will unleash on our precious country!

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!

The essential consideration for & accounting of the full life-cycle of these Transmission & REZ plans have been omitted - as TransGrid, AEMO, the NSW & Federal Government pretend that Fake Green components magically pop into existence - that Transmission Infrastructure, Solar panels, Wind Turbines & BESS magically pop into existence - when it is absolutely essential to make all emissions transparent - including from the extraction of the raw materials - extensive toxic pollution, intensive energy used for processing/manufacturing, potent SF6 greenhouse gas emission leakage & on site impacts - through to the disposal of vast amounts of toxic, clapped out Solar panels, toxic Turbine blades & BESS (after only 7-10 years!)

The science is largely dismissed, and only used selectively when it suits the agenda - rather than informing what the actual agenda should be.

Fake Green imaginary power lunacy is dominated by politicians & policy makers who have little or no technical competence at all in the field of energy engineering.

Just like Federal Environment Minister Tanya Plibersek claiming increased renewables mean **“CHEAPER, CLEANER ENERGY, LOWER POWER BILLS & LOWER POLLUTION”** (SMH 10th April 2023,) these empty promises **are totally false!**

In responding to forecasts of a global recession, Treasurer Jim Chalmers said “We need to make ourselves resilient to these shocks” (ABC 12th April 2023) - yet he is presiding over the most comprehensively weakening, self sabotaging, energy depriving/cost of living disaster ever!

The public are now discovering the reality of skyrocketing electricity prices from unreliable weather dependent Solar/Wind - based on Dunkelflautes.

It is totally against the best interests of all Australians to enable electricity reliance on the Chinese Communist party & their unethical Slave Labour supply chains.

Transitioning to **an electricity system based on CCP control & Chinese manufactured components is sabotaging Australia by ENABLING BEIJING TO TURN OUR LIGHTS OFF!!**

There are no safeguards in place in Australia that would prevent any of the embedded electronics in grid-connected

Solar/Wind EG Works & BESS covertly transmitting potentially valuable information.

Instead of chaotic & inefficient, weather driven supply, with policies driven by socialist WEF ideology instead of engineering facts, **Australia needs to rely solely on our own plentiful, reliable, efficient, affordable, secure Coal, Gas & Uranium for a clean, safe Nuclear SMR power future.**

With energy shortages, war on the horizon, skyrocketing prices, blackouts & energy deficit since the closure of Liddell Power Station in NSW 28th April 2023, popular presumptions underlying energy policy must be seriously questioned.

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 renewaBULL 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.**

Solar & Wind generation is material intensive & energy dilute.

According to Michael Shellenberger "The underlying problem with renewables is their low power density, which is why it takes Wind/Solar projects 300-800 times more land to generate the same amount of electricity as from conventional sources."

Claims that installing 40 (7 MW) Wind Turbine monstrosities per month until 2030 & more than 22,000 toxic Solar Panels per day - totalling 60 Million by 2030 + tonnes of filthy, toxic BESS with 28,000 kms of ugly, unhealthy & unnecessary Transmission Lines (totally unnecessary with independent Australian Coal, Gas & Nuclear SMR's) will improve conditions, productivity, the environment & the planet are clearly blatantly false!

Where is the Integrity, the Ethical Implications & the Engineering Facts & Scientific Determination to prove any of these claims?

What about the essential sovereign capability of our Electricity Grid - Critical Energy Infrastructure - that underpins our National Security?

China's Communist Party has infiltrated and outright bought astoundingly pervasive influence in our economies, universities, and political institutions, while compromising the cyber security of companies and utilities.

China can now paralyze much of our infrastructure, while laughing as we have outsourced almost all our manufacturing capabilities to China and, courtesy of an intellectually challenged Minister for Energy we – unbelievably - pursue renewable technologies that make us still more comprehensively dependent on China!

Where is our determined response to China's declaration of war on us?

I DO NOT CONSENT TO MY FAMILY OR MYSELF BEING DETRIMENTALLY HARMED IN ANY WAY BY THESE GHASTLY, INVASIVE & HARMFUL INDUSTRIALISED SOLAR/BESS & ASSOCIATED TRANSMISSION INFRASTRUCTURE PLANS OR ANY OTHER FAKE GREEN, RENEWABULL NIGHTMARE PLAN 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 Energy Poverty, Cost of Living Crisis, Hardship & 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, Suffering & Hardship 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 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.**

References:

****The 'Sunk Cost' Trickery That Makes Renewables Seem Cheaper Than They Are - 23rd July 2023.**

https://www.fresheconomicthinking.com/p/the-sunk-cost-trickery-that-makes?utm_medium=web

[AIDAN MORRISON](#) (Entrepreneurial data scientist based in Sydney. Physics background, interests in military technology, economics and energy.)

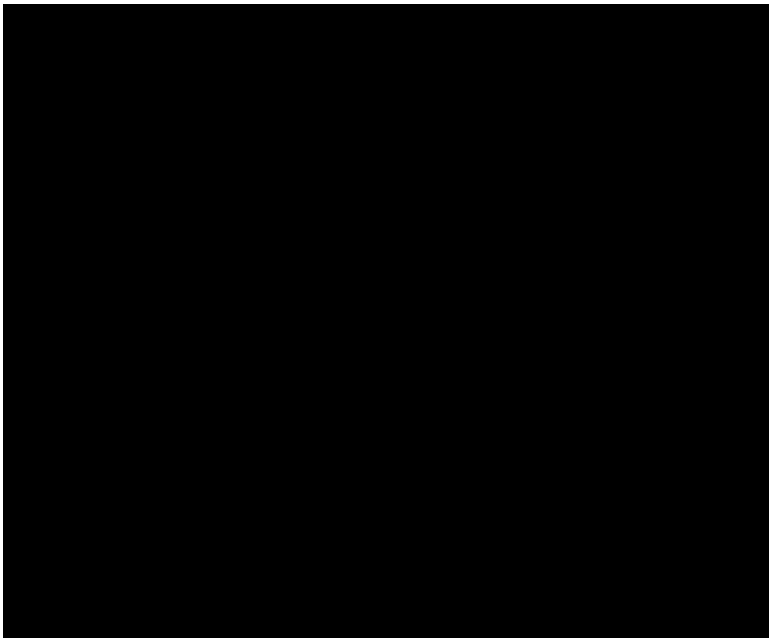
How CSIRO justifies the exclusions: "Sunk Cost"

But wait, this deception is so brazen and transparent.....

All of these tens of billions of dollars of projects are explicitly excluded from the cost of integrating renewables.

****The \$10 billion cabal of renewable subsidies killing coal - Alan Moran - 24th July 2023**

https://www.regulationeconomics.com/_files/ugd/b6987c_a76d14823d6342a298b70841f99b7f71.pdf



References:-

* **TWO NEW PRECEDENTS HAVE BEEN SET** by Oxley Bridge Rd Uranquinty NSW Solar

Determination 24th Nov 2022:-

<https://apps.planningportal.nsw.gov.au/prweb/PRRestService/DocMgmt/v1/PublicDocuments/DATA-WORKATTACH-FILE%20PEC-DPE-EP-WORK%20PPSSTH-149!20221124T045856.774%20GMT>

(*Including Audio of Professor Ian Plimer's Presentation on Solar Contamination.)

1. NEW MODERN SLAVERY CONDITION- requiring proof prior to construction that NO Slave Labour supply chain components be used in construction.

****New Condition Inserted C4A - Dealing With Modern Slavery.**

Commonwealth Modern Slavery Act 2018

***NSW Local Council Act 1993**

428 Annual Report

438 ZE Duty to Ensure Goods & Services Are Not Procured From Modern Slavery.

This applies to all NSW Government Bodies - including Council Hosts, to those Procuring & those who have a Power Purchase Agreement with Solar/Wind Energy generation + BESS whose construction has used Modern Slavery Supply Chain Sourced Components.

2. AMENDED STORM WATER MANAGEMENT PLAN CONDITION re-CONTAMINATION – QUALIFIED TESTING/REPORTING, CONTAMINATION RESPONSE PROCEDURE, etc.

****Amended Condition C8.**

Prior to Commencement of Any Works - Storm Water Management Plan.

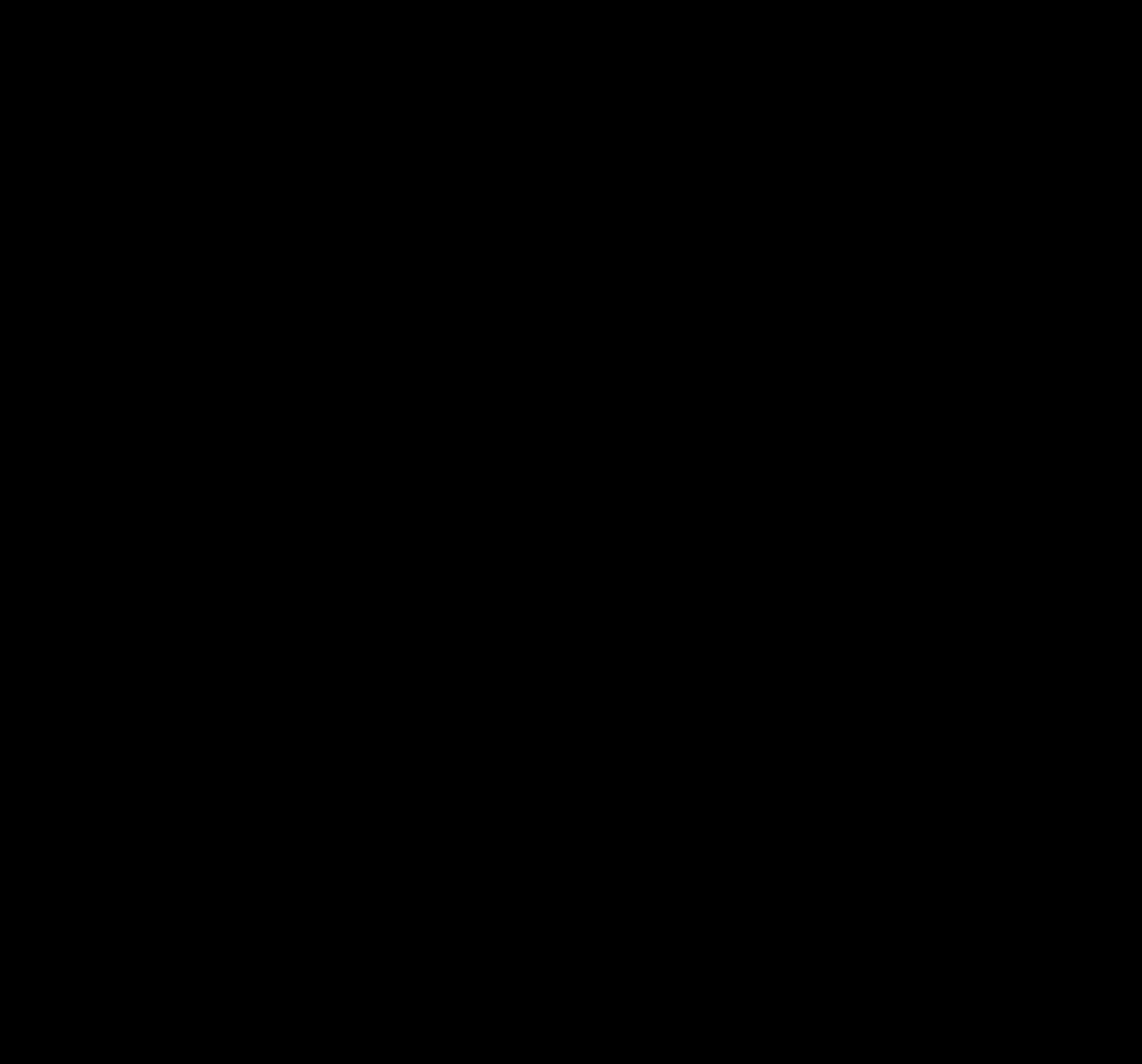
On Site & Discharge From the Site.

Testing Points & Regular Water Samples, Suitably Qualified Person.

Response Procedures if CONTAMINATION is Found.

Availability of Results.

This Amended Condition in response to Professor Ian Plimer's expert presentation to the Planning Panel regarding Solar Contamination must now be included for assessment of Solar/Wind Electricity Generating Works & BESS - so no construction can begin until the components are proven - prior to construction - to have no Modern Slavery links - under the advice of the NSW Anti-Slavery Commissioner.



Please add this Reference to my Submission
Thank you.

