



**LYNETTE LABLACK**

**OBJECT**

Submission ID: 0

Organisation: N/A	Key issues:
Location: N/A	
Attachment: <i>Attached overleaf</i>	

Submission date: 19/02/2025 17:00

*See attached*

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**From:** Lynette Lablack  
**To:** Do Not Reply: IPCN Submissions Mailbox  
**Subject:** Muswellbrook Solar IPCN Submission  
**Date:** Wednesday, 19 February 2025 5:00:24 PM

Dear IPCN,  
**The Approval of Muswellbrook Solar Electricity Generating Works & Battery Energy Storage System - would DEFY:**

- All Principles of Ecologically Sustainable Development
- Australian Drinking Water Guidelines
- Stockholm Convention
- The WHO
- New Modern Slavery Condition
- Paris Agreement
- \*Livestock Production Assurance Program
- \*National Electricity Law

(see References)

Most Councils like Muswellbrook haven't a clue of the risky Moral Hazard they're being cursed with as they are inveigled into being the Regulatory Authority burdened with these wretched, reckless, ruinable plans as the Department & Commission unjustly force these hideous Experiments on us without due care & consideration of public health & safety, the ECOCIDAL impacts & the fact that pathetic, weather dependent, energy depriving, industrialised Solar/Wind & Battery JUNK doesn't work most of the time.

Whilst making numerous erroneous claims of clean, sustainable, reliable, secure, affordable, low emission energy infrastructure, the practical truth of this obnoxious, 'whole of life' plan paints a diabolical picture of toxic contaminated, industrialised wasteland & energy poverty

For the IPCN to continue their deceitful approvals by supporting this Applicant & Department's obvious lies & misinformation of 'minimal impacts on long term agricultural productivity of the site' & that once the solar site is decommissioned & rehabilitated the land will be returned to its pre-existing land use' is farcical & blatantly false!

Clearly, the deceitful DPHI & IPCN ideologues know full well that the Applicants refuse to guarantee & have no intention of sticking around to ever remove their toxic contaminating JUNK - with heavy-metal & PFOS contaminated wasteland inevitable - never to be returned to its 'inherent capability,' 'natural resource land status,' 'pre-existing land use'

The sneaky, recent introduction of 'OR ANOTHER LAND USE AS AGREED BETWEEN THE LANDHOLDER AND THE PROJECT OWNER' is now an admission/get out of jail clause that gullible host pariahs disgracefully expect may alleviate them of future, Australia-wide litigation coming their way

At least Muswellbrook Council is aware that these inferior imported panels have an appalling rate of failure - with 10% of these environmentally destructive solar panels typically turning up damaged or broken - totally a shocking 30,000 panels heading straight to the dump!  
Neither is there any hope of recycling with Professor Penelope Crossley (penelope.crossley@sydney.edu.au) already advising NSW Parliament on this matter of inadequate faulty or end-of-life panel disposal, provided as expert legal opinion - with no legal methods of disposal for used solar panels being currently available in Australia  
This clearly confirms their hazardous toxic nature

This raises another seriously alarming issue - with bulk amounts of Jinko Solar panels in boxes - lined up along our own fence line for 6 months or more - & next to other landowners fences, as well as throughout the site - potentially leaching heavy metals at Bomen, Wagga Wagga with 10% proving to be damaged or faulty!  
<https://www.pv-magazine-australia.com/2025/02/13/defective-or-damaged-solar-panel-recycling-mandated-for-135-mw-project/>

**A deceitfully orchestrated Land Grab & massive transfer of wealth to Fake Green Carpetbaggers & Predatory Bully TransGrid is at the Heart of Muswellbrook Solar/BESS & the NSW Renewable Infrastructure Roadmap with the Energy Regulator**  
**"Pouring concrete around the worst ideas that come out of politicians heads." -**

**\*"The idea that adding more & more renewable energy to the grid pushes power prices down has been comprehensively dismissed."**

(10/2/25 - 4:48 minutes)

<https://www.skynews.com.au/opinion/peta-credlin/governments-insistence-on-renewables-amid-soaring-power-prices-lashed/video/86bd230860f5514d1e587239c6b913ab>

\*SATURDAY - Fresh pressure on Chris Bowen + Matt Kean - Ben Fordham Live (<https://omny.fm/shows/ben-fordham-full-show/saturday-fresh-pressure-on-chris-bowen-matt-kean>)

\*<https://www.skynews.com.au/business/energy/utterly-false-energy-expert-unleashes-on-climate-change-authority-head-matt-kean-and-market-regulator-beholden-to-government/news-story/a6814724f47c99c1a868640f6ab7b64>  
(16/1/25 - 7 minutes)

TransGrid, the Regulators & Energy Ministers DEFY all aspects of the  
**NATIONAL ELECTRICITY LAW OBJECTIVE**

"The objective of the National Electricity Law is to promote efficient investment in, & efficient operation and use of, electricity services for the long term interests of consumers with respect to:-

- (a) price, quality, safety, reliability and security of supply of electricity;
- and
- (b) the reliability, safety and security of the national electricity system;
- and
- (c) the achievement of targets set by a participating jurisdiction
- (i) for reducing Australia's greenhouse gas emissions; or
- (ii) that are likely to contribute to reducing Australia's greenhouse gas emissions'

AEMO, AER, AEMC, EnergyCo, TransGrid, Energy Ministers and everyone in 'authority', place primacy on emissions target rather than the other requirements of the NEL  
The emissions requirement was only added to the NEL in Sep 2023, and the NSW Emissions Reduction Act 2023 was only passed in Nov 23 (other states were similarly tardy to legislate any targets), - so on what basis did any Gov act prior to that to impose all this on us? Yet they all did, and still emphasise emissions over other objectives - NEL is made in the SA Parliament, and in the 2nd reading, **the Minister there also reiterated that all objectives are equal**

The most reputable, independent Electrical Engineering Experts have been warning for years of the inevitable, dire consequences of the **"SHAMBOLIC POLICY MAKING, DANGEROUS TO GRID OPERATION and TOTALLY MAD"** NSW Renewable Infrastructure Roadmap - orchestrated by Coalition Minister Kean & implemented by Spark Infrastructure and TransGrid through dodgy EnergyCo NSW - along with the very questionable CONsumer Trustee - AEMO Services - all with the blessing of the Regulators - who have completely failed to prioritise and ensure any Electricity Consumer Benefits or act in the best interests of Australia (Reference Paul Miskelly - Reply to Minister Kean)

The people of NSW/Australia are being tortured by skyrocketing Electricity Prices causing our Cost of Living Crisis due to a diabolically flawed, predatory system driven by parasitic Generators and a bullying, intimidating Network Provider TransGrid - given free reign by the irresponsible, NON-independent Regulators - under direct orders from Energy Ministers via the clandestine Energy Advisory Panel - to enact their delusional 82% 'Renewable' target - irrespective of the devastating implications for Electricity Consumers and the NSW/Australian public - in complete defiance of the NEL Objective - deliberately ignoring essential technical Electrical Engineering facts - whilst they carry on regardless - deceiving and torturing the public at NO risk to themselves, with their guaranteed rate of return and greedy demand for gold plating the Grid to benefit themselves financially

**THE TRUTH is that The Integrated System Plan (ISP) is:-**

- An Unmitigated Disaster
- Is Fatally Compromised
- Has NO Independence
- IS DEAD & BURIED!

Besides defying all aspects of the NEL Objective, the dodgy Department & the complicit, NON-Independent NSW Planning Commission continue to rubber stamp Approvals of every obnoxious Industrialised Solar/Wind/BESS Swindle Factory, despite reputable, independent Expert advice on every aspect - to the contrary - raising the alarming Energy Depriving Capacity Factors, Wind Droughts, devastating ECOCIDAL impacts, life-threatening Fire Hazardous Industrialised Solar, Wind Turbine and Lithium-ion BESS BOMBS & inevitable Public Health & Safety Risks from the poisoning of our life-sustaining Soil & Water by this most disingenuous, Fake Green,

RenewaBULL Energy Poverty Grift & Ponzi Scheme/Scam - including Solar's Toxic heavy-metal leachate and Group 2B Carcinogen PFOS (Perfluorooctane Sulfonate or Perfluorooctane Sulfonic Acid) coating of Chinese Solar panels & Electrical Wiring as well as in Solar Inverters, Bisphenol A (lethal to young children - as toxic as blue asbestos) shedding from Wind Turbine Blades & PFAS Contaminating Battery Energy Storage Systems - forced into our FOOD BOWLS Against Our Will - with NO Social Licence - ensuring that:

### **RenewaBULLs ARE THE ASBESTOS OF THE FUTURE!!**

What are Authorities planning to do about their irresponsible disaster they have created everywhere yet, continually refuse to acknowledge - when Rural/Regional Communities - including farming families are reliant on wells, bores, acquifers, dams & creek/river water to grow Australia's & the world's essential, healthy Food supplies - considering the MASS SCALE OF PFAS CONTAMINATION CAUSED BY ECOCIDAL RENEWABULL INFRASTRUCTURE which can only be described as 'a lack of care that demonstrates reckless disregard for the safety or lives of others, which is so great it appears to be a conscious violation of other people's rights to safety?'

Following the highly toxic Beryl Solar Fire at Gulgong, DPIE Water said there were NO CONDITIONS ON APPROVAL TO ENSURE TESTING OF SOIL & WATER. This is completely irresponsible & unacceptable with frequent, transparent, reputable, independent testing required.

There has been no genuine consultation with the local Muswellbrook community or any other rural/regional community who are bearing the brunt of a Generator/Network prioritised RewenaBULL Transition to Extinction - where the Regulator has enabled Predatory TransGrid & co to manipulate the market at increasingly great cost to Electricity Consumers - whilst depriving us & future generations of an Essential Electricity Service & healthy, uncontaminated, Life Sustaining Soil & Water - due to their ECOCIDAL FAKE GREEN JUNK!

Whilst a Department Planner & Environmental Assessment Officer confirmed that the Department does not have the resources to do the essential Research regarding Contamination, Heat Island Effect impacts, etc. - instead - they're JUST TRUSTING THE DEVELOPERS - with this particular Planner conflictingly, immediately becoming the Walla Walla Solar Project Developer it's shocking & totally unacceptable, but not surprising that this Department Approval is typically So lacking in integrity that no weight can be placed on it.'

Using Confected Evidence to deliberately ignore the truth - the vital facts paramount for Public Health & Safety must NOT continue to be rubber stamped by this complicit Planning Commission - for example:-

Once again the Director of Energy Assessments has parroted exactly the same unsubstantiated, false claims - as disgracefully supported by the non-independent IPCN in all the recent Industrialised Solar Approvals since the dodgy NSW Large-Scale Solar Guideline included it's fudged, confected answer to -

Do solar panels contaminate soil? ->

'The metals in solar panels (including lead, cadmium, copper, indium, gallium and nickel) cannot be easily released into the environment. This is because metals such as cadmium telluride (CdTe) or cadmium sulfide (CdS) are enclosed in thin layers between sheets of glass or plastic within the solar panel. Because of this, the use of metals in solar panels has not been found to pose a risk to the environment.

To readily release contaminants into the environment, solar panels would need to be ground to a fine dust.'

If only the RFS hierarchy would prioritise our lives & answer the essential FIRE Hazardous Solar & BESS Questions IN WRITING honestly - instead of disgracefully fobbing us off to do a GIPA Request - because "IT'S TOO POLITICAL" to truthfully answer the most basic questions about the life-threatening inadequacy of Exclusions zones, no ability to fight Industrialised Solar & Battery Fires, the Public Health & Safety Risks from inevitable toxic contamination of surrounding land & water systems, the damaging Heat Island Effects & not so much as an Evacuation plan for the local area, etc.

eg.  
Good afternoon,

Thank you for your enquiry regarding bushfire risks associated with solar farms. After consulting with the relevant internal sections of the RFS, I recommend you contact the NSW Rural Fire Service GIPA Officer for further information.

You can request access to relevant documents under the Government Information (Public Access) Act 2009 (GIPA Act). More details are available here: <https://www.rfs.nsw.gov.au/resources/access-to-information>

For assistance, please contact the RFS GIPA Officer at [REDACTED].

Regards,

[REDACTED]  
Operational Officer | Riverina Zone  
NSW Rural Fire Service

### **Questions:-**

- 1 Is the Bomen Industrialised Solar Works Defendable?
- 2 Is the Bomen Industrialised Solar Works Accessible to RFS?
- 3 Is there an ONSITE Exclusion Zone around the perimeter from where RFS can safely fight a Solar Fire?
- 4 Does the 10m Tree Screen adjacent neighbouring property - including horizontal hollow logs on the ground & weeds - create more of a Fire Hazard?
- 5 How would RFS protect our neighbouring crops & infrastructure if the smoke was blowing to the North, NE or East?
- 6 Would you please provide the Evacuation Plan for the surrounding Rural Community - people & stock?
- 7 Is burning Solar Panel Smoke Toxic?  
Do RFS subject themselves to Toxic (Carcinogenic & Teratogenic) Solar Smoke or have to stay away from the smoke for their own protection?
- 8 Would burnt Solar Panels contaminate the Soil & Water?
- 9 Is there a documented Clean-up, De-Contamination, Toxic Waste, Soil/Water Testing Procedure?
- 10 Would a burnt Solar Site contain contaminating substances/particles that could end up on neighbouring land via Water run-off or get blown during storm/tornado events?
- 11 Is there a short risk from Industrialised Solar if it isn't grounded properly & the weeds are touching the panels?
- 12 Has NSW Fire & Rescue SARET Research conducted any Industrialised Solar research?
- 13 Do Industrialised Solar Electricity Generating Works have to turn off during Total Fire Ban Days?

According to SARET Research - Fire and Rescue NSW, they have NO IDEA how to deal with RISKY RewenaBULL Experiments - YET this TOXIC MORAL HAZARD - a RewenaBULL STORM OF NEGLECT AND ABUSE OF NATURE is deliberately forced on Hunter Valley/NSW/Australian families by the dodgy, deceitful DPHI & complicit Commissioners - with life-threatening impacts - especially detrimental to young children

<https://www.fire.nsw.gov.au/page.php?id=9402>

**"There is a general lack of guidance and provisions in building codes, standards, and legislation in relation to safety to address the potential risks from these emerging technologies. Part of the problem is that we do not yet know enough about their probability of failure, their mechanisms of failure and potential consequences of failure"**



## Advisory Note AN-004

# Extinguishment of Li-Ion Battery Fires

This advisory note provides important information regarding the evaluation and verification of evidence of conformity for the extinguishment of Li-Ion batteries under the CSIRO Verification Services' ActivFire® Scheme.

With increasing usage of Li-Ion batteries in our daily lives, there has been an increase in documented fires, both in Australia and globally, caused by failure of Li-Ion batteries. Some of these fires have caused serious damage to properties in Australia, while fatalities have occurred overseas, throwing a spotlight onto the safety of Li-Ion batteries.

While a number of Li-Ion battery fire extinguishment solutions have been proposed globally, no Australian Standard has been published to provide performance requirements for the extinguishment of fires related to Li-Ion batteries.

In Australia, the Australia Competition and Consumer Commission (ACCC) sets out a list of mandatory standards to make particular safety or information features on products compulsory for legal supply of the product into the Australian market. This includes portable aerosol fire extinguishers and portable non-aerosol fire extinguishers. More information can be found here: <https://www.productsafety.gov.au/product-safety-laws/safety-standards-bans/mandatory-standards>.

Accordingly, CSIRO Verification Services' ActivFire® Scheme advises its stakeholders that it *has not and will not* certify, and thus provide a Certificate of Conformity, that any fire extinguisher can effectively extinguish a Li-Ion battery fire.

CSIRO Verification Services' ActivFire® Scheme supports the development of an Australian Standard and/or acceptance of an internationally recognised Standard that includes performance requirements for the extinguishments of Li-Ion battery fires and will continue to work with key stakeholders in the development of such a Standard.

Please contact your local fire brigade in the case of a Li-Ion battery fire.

### Issuing Authorities

Kai Loh, Executive Office, ActivFire scheme – CSIRO Verification Services

Tracey Gramlick, Deputy Director – Growth and Strategy, Infrastructure Technologies

### Issue date

30-Nov-2023

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Instead of alleviating Global Boiling<sup>1</sup> or catastrophic weather conditions,

**SOLAR ELECTRICITY GENERATING WORKS:-**

•HEAT THE LOCAL MICROCLIMATE;

•ARE THUNDERSTORM & TORNADO INCUBATORS & MAGNETS!

On State Government web sites you can look up to see if a FIRE is going. It is a satellite image of reflective heat. It shows LARGE SOLAR FACTORIES to be on FIRE when they aren't. It's picking the heat coming off the panels!

Electrical Engineer Paul Miskelly's opinion:-

"The energy in the sunlight that strikes solar cells that is not converted to electricity will be absorbed and converted to heat. This will be re-radiated to the atmosphere. There goes your unconverted 80 percent.

By comparison, even though plants re-radiate the energy in the green part of the visible spectrum - that's why they look green - clearly they are doing a lot better job of absorbing and using the energy in the other parts of the visible spectrum than can solar cells. That this is correct is confirmed by the satellite image of reflective heat. That looks to be irrefutable evidence that solar panels re-radiate heat, and lots of it."

## SOLAR ELECTRICITY GENERATING WORKS ARE THUNDERSTORM & TORNADO INCUBATORS & MAGNETS!

Subject: Opinion from USA Aerospace Engineer who is also fascinated by physics and climate science:-

George Franklin:

Solar panels are at best about 20% efficient They convert almost 0% of the UV light that hits them None of the visible spectrum and only some of the IR spectrum At the same time as they are absorbing light they are absorbing heat from the sun This absorbed heat is radiated into the adjacent atmosphere It should be obvious what happens next When air is warmed it rises Even small differences in ordinary land surfaces are capable of creating powerful forces of weather like thunderstorms and tornadoes These weather phenomena are initiated and reinforced by land features as they are blown downwind It is all too obvious to me what will happen with the heat generated by an entire solar farm Solar farms will become thunderstorm and tornado incubators and magnets

Solar panels are dark and they emit energy to the space above them when they are not being radiated This is known as black-body radiation Satellites flying in space use this phenomenon to cool internal components If they didn't do this they would fry themselves

So solar farms not only produce more heat in summer than the original land that they were installed on, but they also produce more cooling in winter, thus exacerbating weather extremes

So I conclude with this There is nothing green about green energy except the dirty money flowing into corrupt pockets

There is no such thing as green energy The science doesn't exist The technology doesn't exist The engineering doesn't exist We are being pushed to save the planet with solutions that are worse than the problems "

**The Commission cannot continue to hide the glaringly unethical reliance on Solar's Slave Labour Supply Chains & this Battery's Cobalt Especially now that these China reliant Solar panels, the Electrical Wiring, Solar Inverters & Batteries are all a Toxic PFAS contaminant.**

### \*BANNED PFAS\*

Notably, regarding the Toxic PFAS/PFOs Contaminating Renewable Industry - the Commonwealth has effectively banned the import, use and manufacture of some of the more prominent types of PFAS (PFOS, PFOA and PFHxS) from 1 July 2025 (21 Feb 2024)

### \*MODERN SLAVERY\*

#### 5.4.11 Supply chain

136. The Commission received submissions that raised concern about ethical supply chains and the potential for overseas modern slavery practices to be associated with solar panels and infrastructure procured for the Project. Some submissions have suggested that the Commission impose conditions in relation to this matter.
137. The Commission notes that, separate to the development consent granted by the Commission, the Applicant would be required to satisfy the relevant requirements of the Commonwealth *Modern Slavery Act 2018* and the NSW *Modern Slavery Act 2018*.
138. Whilst acknowledging the importance of this issue, the Commission has not imposed conditions to address this issue as, even if it was within the scope of the planning legislation, the Commission is satisfied that the Applicant must comply with the relevant requirements of both Modern Slavery Acts in constructing and operating the development, would be duplicative and unnecessary.

#### 5.4.12 Contamination

With the best of Independent Energy Experts exposing the Shambolic Policy Making, Dangerous to Grid Operation & Totally Mad NSW Renewable Infrastructure Roadmap, AEMO's widely debunked ISP fudgery - now calling for the resignations of the Climate Authority Chair Matt Kean, the Chair of predatory TransGrid & the complicit Australian Energy Market Operator Chair

as well as Communist China setting us up for solar panel-based disaster:

"Solar panels that make the electricity suitable for the power grid, now connected to the web, can be "easily hacked, remotely disabled or used for DDoS [Distributed Denial of Service] attacks."

the fact that "Australia is the second-most affected country by hail in the world, trailing only the United States"with the future of hail risk in Australia likely to see increasing damage due to solar panels on roofs and solar factories, the IPCN must factually address all of these obvious risks

Yours Sincerely,

Lynette LaBlack

### References

#### **Considering the stability of the power grid during extreme weather events.**

**Interestingly, damaged solar panels can also pose a fire risk. If a panel is damaged but continues to generate power, it can create an electrical fault, potentially leading to fires. This adds another layer of urgency for more resilient solar technology.**

PV panels' coating is toxic

PV panels are coated with fluorinated polymers, a kind of Teflon

Teflon films for PV modules contain polytetrafluoroethylene (PTFE) and fluorinated ethylene (FEP)

When these chemicals get into drinking water, farming water, food packaging and other common materials, people become exposed

About 97% of Americans have per- and polyfluoroalkyl substances (PFAs) in their blood

These chemicals do not break down in the environment or in the human body, and they can accumulate over time [6] [7] While the long-term health effects of exposure to PFAs are unknown, studies submitted to the EPA by DuPont (which manufactures them) from 2006 to 2013 show that they caused tumors and reproductive problems in lab animals Perfluorinated chemicals also increase risk of testicular and kidney cancers, ulcerative colitis (Crohn's disease), thyroid disease, pregnancy-induced hypertension (pre-eclampsia) and elevated cholesterol

How much PTFEs are used in solar panels? How much leaks during routine operation—and when hailstorms (for example) break a panels' glass? How much PTFE leaks from panels discarded in landfills? How little PFA is needed to impact health?

**\*\*Forever chemicals' used in lithium ion batteries threaten environment, research finds | Lithium-ion batteries | The Guardian 14/7/24**

<https://www.theguardian.com/technology/article/2024/jul/14/forever-chemicals-lithium-ion-batteries-environment>

**\*\*Toxic PFAS "forever chemicals" used in lithium ion batteries essential to the clean energy transition present a dangerous source of chemical pollution that new research finds** (<https://www.nature.com/articles/s41467-024-49753-5>) threatens the environment and human health as the nascent industry scales up

The multipronged, peer-reviewed study zeroed in on a little-researched and unregulated subclass of PFAS (<https://www.theguardian.com/environment/pfas>) called **bis-FASI that are used in lithium ion batteries**

Researchers found alarming levels of the chemicals in the environment near manufacturing plants, noted their presence in remote areas around the world, found they appear to be toxic to living organisms, and discovered that waste from batteries disposed of in landfills was a major pollution source

PFAS are a class of about 16,000 human-made compounds most often used to make products resistant to water, stains and heat They are called "forever chemicals" because they do not naturally break down and have been found to accumulate in humans **The chemicals are linked to cancer, birth defects, liver disease, thyroid disease, plummeting sperm counts and a range of other serious health problems.**

Researchers also sampled water, soil and air around a 3M plant in Minnesota and other large facilities known to make the chemicals. The soil and water levels were concerning, Guelfo said, and **detection of the chemicals in snow suggests the chemicals easily move through the atmosphere.**

That may help explain why the chemicals have been found in Chinese seawater and other remote areas not close to production plants

**While the most commonly used PFAS definitions globally include bis-FASI, one division of the EPA does not consider it to belong to the chemical class, so it was not included on a list of compounds to be monitored in US water. The EPA has drawn criticism (https://www.theguardian.com/environment/2023/aug/18/epa-new-definition-pfas-forever-chemicals) for using a narrow definition of PFAS that public health advocates say has excluded some chemicals at the industry's behest.**

However, the new research, taken with previous evidence, shows **bis-FASI are persistent, mobile and toxic like most other PFAS**, noted Lee Ferguson, a Duke University researcher and co-author

**\*\*Lead is a potent neurotoxin that causes irreparable harm to children's brains.**

\*\*Solar Panels Contain Numerous Heavy Metals Including Lead " Professor Paul Dastoor - Information & Physical Sciences + College Of Engineering Sciences & Environment - University of Newcastle

- Exposure to lead can affect multiple body systems and is particularly harmful to young children and women of child-bearing age
- Lead in the body is distributed to the brain, liver, kidney and bones. It is stored in the teeth and bones, where it can accumulate over time. Human exposure is usually assessed through the measurement of lead in blood
- Lead in bone is released into blood during pregnancy and becomes a source of exposure to the developing fetus
- There is no level of exposure to lead that is known to be without harmful effects
- Lead exposure is preventable

\*Solar arrays impact farming. When we cover land with solar arrays and wind turbines, **we lose plants that can feed us and sequester carbon.** [19]

11 Solar PV systems' inverters "chop" current and cause "dirty" power, which can impact residents' health [20]

At the end of their usable life, **PV panels are hazardous waste. The toxic chemicals in solar panels include cadmium telluride, copper indium selenide, cadmium gallium (di)selenide, copper indium gallium (di)selenide, hexafluoroethane, lead, and polyvinyl fluoride. Silicon tetrachloride, a byproduct of producing crystalline silicon, is also highly toxic.** In 2016, The International Renewable Energy Agency (IRENA) estimated that the world had 250,000 metric tons of solar panel waste that year; and by 2050, the amount could reach 78 million metric tons. The Electric Power Research Institute recommends not disposing of solar panels in regular landfills: **if modules break, their toxic materials could leach into soil.** [21] **In short, solar panels do not biodegrade and are difficult to recycle.**

**\*\*Solar farms warm the earth's atmosphere.**

Only 15% of sunlight absorbed by solar panels becomes electricity; 85% returns to the environment as heat. Re-emitted heat from large-scale solar farms affects regional and global temperatures. Scientists' modeling shows that covering 20% of the Sahara with solar farms (to power Europe) would raise local desert temperatures by 1.5°C (2.7°F). By covering 50% of the Sahara, the desert's temperature would increase by 2.5°C (4.5°F). Global temperatures would increase as much as 0.39°C—with polar regions warming more than the tropics, increasing loss of Arctic sea ice [23]. As governments create "green new deals," how should they use this modeling?

Other areas need consideration here: dust and dirt that accumulate on panels decreases their efficiency; washing them uses water that might otherwise go to farming. Further, Saharan dust, transported by wind, provides vital nutrients to the Amazon's plants and the Atlantic Ocean. Solar farms on the Sahara could have other global consequences.

**If we look at solar from its cradle-to-cradle, it's not pure and clean, not carbon-neutral. It's not zero-emitting. We do ourselves a disservice when we ignore its ecological impacts—and when we ignore that it's not able to power industrial processes like smelting.**

Katwala, Amit, "The spiraling environmental cost of our lithium battery addiction," 8/5/18; <https://www.wired.co.uk/article/lithium-batteries-environment-impact>. Choi, Hye-Bin, et al., "The impact of anthropogenic inputs on lithium content in river and tap water," Nature Communications, 2019.

Martin, Calvin Luther, "BESS Bombs: The huge explosive toxic batteries the wind & solar companies are sneaking into your backyard, Parts 1 and 2," Aug 28, 2019 <https://rivercitymalone.com/win-solar-energy/bess-bombs-part-1/> (<https://rivercitymalone.com/win-solar-energy/bess-bombs-part-1/>) <https://rivercitymalone.com/win-solar-energy/bess-bombs-part-2/> (<https://rivercitymalone.com/win-solar-energy/bess-bombs-part-2/>)

**\*\*The Spiralling Environmental Cost of our Lithium Battery Addiction | WIRED**

Guillermo Gonzalez, a lithium battery expert from the University of Chile, in a 2009 interview "This isn't a Green Solution – it's NOT a Solution at all"

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Guillermo Gonzalez, a lithium battery expert from the University of Chile, in a 2009 interview "This isn't a green solution – it's not a solution at all"

[The spiralling environmental cost of our lithium battery addiction](https://www.wired.com/story/the-spiralling-environmental-cost-of-our-lithium-battery-addiction/)  
[wired.com](https://www.wired.com/story/the-spiralling-environmental-cost-of-our-lithium-battery-addiction/)

**\*\*TWO NEW PRECEDENTS HAVE BEEN SET by Oxley Bridge Rd Uranquinty Solar Determination 24th Nov 2022 - NEW MODERN SLAVERY CONDITION & AMENDED STORMWATER MANAGEMENT PLAN (re CONTAMINATION)**

PPSSTH-149 - DA22/0122 - 1268 Oxley Bridge Road Uranquinty 2652  
<https://www.planningportal.nsw.gov.au/planning-panel/electricity-generating-works-solar-farm-8>

\*\*Hail Storm Photos & Industrialised Solar Contamination Risk to Our Reliably Productive Food Bowl at Bomen, Wagga Wagga Photo are included via this link also - the Hail Stones & some of the Fractured Solar Panels from the damaging 31st Oct 2020 event that left masses of broken Solar panels in situ for a shocking 10 - 11 months without Due Care - with some panels still remaining fractured & leaching contaminating heavy metals years later!

**\*\*Professor Ian Plimer's 3 minute presentation regarding Solar Panel Contamination Risks.**

PPSSTH-149 on the planning portal:

[Electricity Generating Works – Solar Farm | Planning Portal - Department of Planning and Environment \(nsw.gov.au\)](https://www.planningportal.nsw.gov.au/planning-panel/electricity-generating-works-solar-farm-8)

[Once you've clicked on the link, please navigate to the URL link under Other menu (and also under Links menu) for the audio recording (the meeting officially begins around the 20 minute mark)]

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**

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

Written Response Procedures if CONTAMINATION is Found - required PRIOR to CONSTRUCTION

Availability of Results

Sent from my iPhone

**From:** [lynette.lablack](#)  
**To:** [Do-Not-Reply IPCN Submissions Mailbox](#)  
**Subject:** Muswellbrook Solar Submission Reference  
**Date:** Wednesday, 19 February 2025 5:02:50 PM  
**Attachments:** [Photo.pdf](#)

---

Muswellbrook Solar IPCN Submission Reference

Please add this to my Submission.  
Thank you

Lynette LaBlack

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**To:** [Do-Not-Reply IPCN Submissions Mailbox](#)  
**Subject:** Muswellbrook Solar IPCN Submission Reference  
**Date:** Wednesday, 19 February 2025 5:03:10 PM  
**Attachments:** [Photo 2.pdf](#)

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Muswellbrook Solar IPCN Submission Reference

Please add this to my Submission.  
Thank you

Lynette LaBlack

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**To:** [Do-Not-Reply IPCN Submissions Mailbox](#)  
**Subject:** Muswellbrook Solar IPCN Submission Reference  
**Date:** Wednesday, 19 February 2025 5:04:34 PM  
**Attachments:** [Photo 3.pdf](#)

---

Muswellbrook Solar IPCN Submission Reference

Please add all these photos to my Submission - as provided prior to the IPCN Meeting.  
Thank you

Lynette LaBlack

Sent from my iPhone

**From:** [lynette.lablack](mailto:lynette.lablack)  
**To:** [Do-Not-Reply IPCN Submissions Mailbox](#)  
**Subject:** Muswellbrook Solar IPCN Submission References  
**Date:** Wednesday, 19 February 2025 5:18:19 PM

---

Dear IPCN,  
Please add these References to my Muswellbrook Solar IPCN Submission  
Thank you.

Lynette LaBlack  
[REDACTED]

## **REFERENCES:**

### **NATIONAL ELECTRICITY LAW OBJECTIVE**

‘The objective of the National Electricity Law is to promote efficient investment in, & efficient operation and use of, electricity services for the long term interests of consumers with respect to:-

- (a) price, quality, safety, reliability and security of supply of electricity;
  - and
  - (b) the reliability, safety and security of the national electricity system;
  - and
  - (c) the achievement of targets set by a participating jurisdiction
- (i) for reducing Australia’s greenhouse gas emissions; or
  - (ii) that are likely to contribute to reducing Australia’s greenhouse gas emissions.’

AEMO, AER, AEMC, EnergyCo, TransGrid, Energy Ministers and everyone in 'authority', place primacy on emissions target rather than the other requirements of the NEL.

The emissions requirement was only added to the NEL in Sep 2023, and the NSW Emissions Reduction Act 2023 was only passed in Nov 23 (other states were similarly tardy to legislate any targets), - so on what basis did any Gov act prior to that to impose all this on us? Yet they all did, and still emphasise emissions over other objectives. NEL is made in the SA Parliament, and in the 2nd reading, **the Minister there also reiterated that all objectives are equal.**

**\*A range of PFAS is also subject to the Stockholm Convention for the protection of human health and the environment** from persistent organic pollutants (POPs) (ie, PFOS, PFHxS, PFOA and potentially all long chain perfluoroalkyl carboxylic acids).

**\*The World Health Organization now lists two PFAS as carcinogens or possible carcinogens:** perfluorooctanoic acid (PFOA) as a Group 1 carcinogen and **perfluorooctanesulfonic acid (PFOS) as a Group 2B carcinogen.**

**\*The recent Australian Drinking Water Guidelines Draft has highlighted PFOS as a Toxic contaminant - PFOS (Perfluorooctane Sulfonate or Perfluorooctane Sulfonic Acid) is coating Chinese Solar Panels, Electrical Wiring & is in Solar Inverters, as well as filthy, hazardous Lithium Batteries & Bisphenol A shedding Wind Turbine Blades being Toxic PFAS Contaminants.**

The PFAS reviewed as part of this update include perfluorooctanoic acid (PFOA); perfluorooctane sulfonic acid (PFOS); perfluorohexane sulfonic acid (PFHxS); perfluorobutane sulfonic acid (PFBS) and hexafluoropropylene oxide dimer acid and its ammonium salt (GenX chemicals).’

Further information on the [NHMRC Review of PFAS in Australian drinking water](#) is available on the NHMRC website.

**\*‘Forever chemicals’ used in lithium ion batteries threaten environment, research finds | Lithium-ion batteries | The Guardian 14/7/24**

<https://www.theguardian.com/technology/article/2024/jul/14/forever-chemicals-lithium-ion-batteries-environment>

**\*Solar Realities - Physicist John Droz jr**

[https://election-integrity.info/Energy/Solar\\_Energy\\_Concerns.pdf](https://election-integrity.info/Energy/Solar_Energy_Concerns.pdf)

**\*Leaching Via Weak Spots in Solar Panels**

[https://www.researchgate.net/publication/348883160\\_Leaching\\_via\\_Weak\\_Spots\\_in\\_Photovoltaic\\_Modules](https://www.researchgate.net/publication/348883160_Leaching_via_Weak_Spots_in_Photovoltaic_Modules)

‘Our long-term experiments clearly demonstrate that **it is possible to leach out all, or at least a large amount, of the (toxic) elements from the photovoltaic modules.**

**\*Bisphenol A Pollution from Wind Turbines** - Tim Smith 13/07/2023

“Bisphenol A is the most toxic substance we know”

- Swedish Environmental Protection Agency

<https://docs.wind-watch.org/Bisphenol-A-Pollution-Wind-Turbines.pdf>

**Notably, regarding the Toxic PFAS/PFOS Contaminating Renewable' Industry - the Commonwealth has effectively banned the import, use and manufacture of some of the more prominent types of PFAS (PFOS, PFOA and PFHxS) from 1 July 2025.**

(21 Feb 2024)

**\*Taking over farmland to build facilities to produce intermittent energy is a violation of Article 2, Section 1(b) of the Paris Agreement (2015).**

Article 2 1(b) of the 2015 Paris Agreement states:

“This Agreement... aims to strengthen the global response to the threat of climate change, in the context of sustainable development and efforts to eradicate poverty, including by:

“(b) Increasing the ability to adapt to the adverse impacts of climate change and foster climate resilience and low greenhouse gas emissions development, **IN A MANNER THAT DOES NOT THREATEN FOOD PRODUCTION**”;

See: [https://unfccc.int/files/essential\\_background/convention/application/pdf/english\\_paris\\_agreement.pdf](https://unfccc.int/files/essential_background/convention/application/pdf/english_paris_agreement.pdf) .

**\*Livestock Production Assurance Program\***

The particular question is 2.8 of the "Food Safety on Your Property" section.

\*\*Do livestock have access to leaking electrical transformers, capacitors, hydraulic equipment, solar panels, wind turbines, coal seam gas structures or coal mine wastes?\*\*\*

- Yes

- No

- I am now aware and making plans to restrict access

<https://www.facebook.com/groups/2147446775628698/posts/2222816628091712/>

[https://m.facebook.com/story.php?story\\_fbid=2222816628091712&id=2147446775628698](https://m.facebook.com/story.php?story_fbid=2222816628091712&id=2147446775628698)

**National Security Nightmare**

**\*China's Energy Dream - “Carbon dioxide reduction only make sense for those it (China) wishes to harm & supplant” - Patricia Adams.**

<https://www.thegwpf.org/content/uploads/2021/12/Adams-Chinas-Energy-Dream.pdf>

**\*There are no secure measures currently in place to prevent malicious actors from using Solar Inverters to disrupt the Solar Electricity Grid.**

<https://www.senatorpaterson.com.au/news/chinas-spy-threat-to-energy-supplies>

**\*Chinese EVs Pose Security Risk**

<https://www.aspistrategist.org.au/does-chinas-rapid-rise-in-the-australian-car-market-pose-a-security-risk/>

**\*Hacked Off: CyberCriminals Attack Rooftop Solar To Bring Down Entire Grid**

<https://stopthesethings.com/2024/09/07/hacked-off-cybercrims-attack-rooftop-solar-to-bring-down-entire-grid/>

<https://stopthesethings.com/2024/09/07/hacked-off-cybercrims-attack-rooftop-solar-to-bring-down-entire-grid/>

7/9/24

Steve Milloy: (<https://x.com/JunkScience/status/1824460766918926744>) Communist China is setting us up for solar panel-based disaster:

“Solar panels that make the electricity suitable for the power grid and which are usually connected to the web, can be “easily hacked, remotely disabled or used for DDoS [Distributed Denial of Service] attacks.”

“Traditionally, cyber risk with solar inverters was low because they were not connected to the internet,” said Falk. “However, as the popularity of smart home energy systems has boomed, this has changed, with most solar inverters now web connected.”

**\*Beautifully Hackable - Irina Slav on Energy - 12/8/24**

[https://irinaslav.substack.com/p/beautifully-hackable?utm\\_campaign=email-post&utm\\_source=substack](https://irinaslav.substack.com/p/beautifully-hackable?utm_campaign=email-post&utm_source=substack)

**\*Modern Slavery & National Security Risks** <https://www.aspistrategist.org.au/editors-picks-for-2024-australias-climate-ambitions-have-a-modern-slavery-problem-examining-the-origins-of-our-big-batteries/>

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 **PFAS**

**RUINING  
AUSTRALIAN  
AGRICULTURE  
FOREVER!**

**PFAS** 





























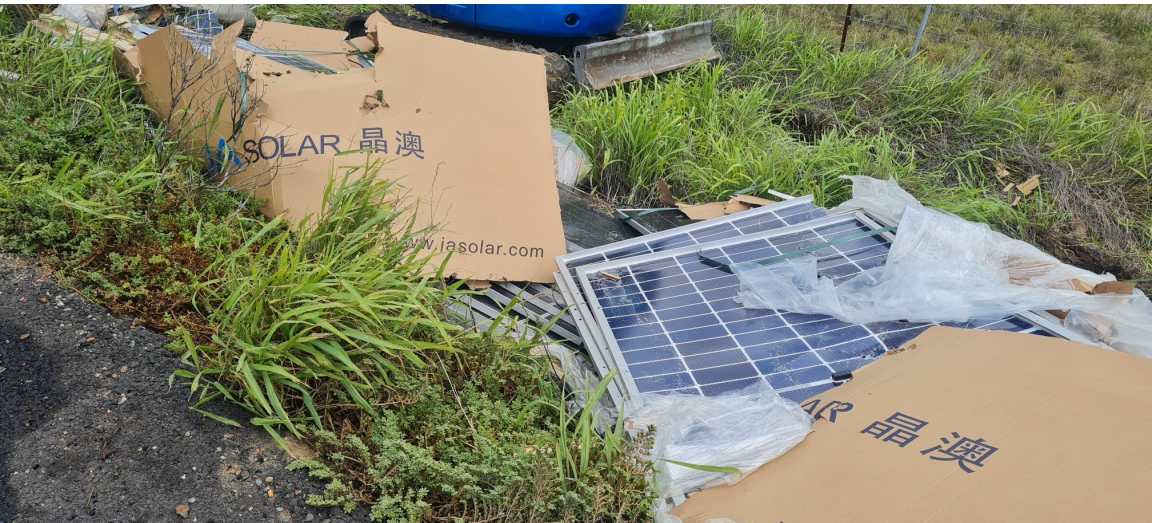












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## Advisory Note AN-004

# Extinguishment of Li-Ion Battery Fires

This advisory note provides important information regarding the evaluation and verification of evidence of conformity for the extinguishment of Li-Ion batteries under the CSIRO Verification Services' ActivFire® Scheme.

With increasing usage of Li-Ion batteries in our daily lives, there has been an increase in documented fires, both in Australia and globally, caused by failure of Li-Ion batteries. Some of these fires have caused serious damage to properties in Australia, while fatalities have occurred overseas, throwing a spotlight onto the safety of Li-Ion batteries.

While a number of Li-Ion battery fire extinguishment solutions have been proposed globally, no Australian Standard has been published to provide performance requirements for the extinguishment of fires related to Li-Ion batteries.

In Australia, the Australia Competition and Consumer Commission (ACCC) sets out a list of mandatory standards to make particular safety or information features on products compulsory for legal supply of the product into the Australian market. This includes portable aerosol fire extinguishers and portable non-aerosol fire extinguishers. More information can be found here: <https://www.productsafety.gov.au/product-safety-laws/safety-standards-bans/mandatory-standards>.

Accordingly, CSIRO Verification Services' ActivFire® Scheme advises its stakeholders that it *has not and will not* certify, and thus provide a Certificate of Conformity, that any fire extinguisher can effectively extinguish a Li-Ion battery fire.

CSIRO Verification Services' ActivFire® Scheme supports the development of an Australian Standard and/or acceptance of an internationally recognised Standard that includes performance requirements for the extinguishments of Li-Ion battery fires and will continue to work with key stakeholders in the development of such a Standard.

Please contact your local fire brigade in the case of a Li-Ion battery fire.

### Issuing Authorities

Kai Loh, Executive Office, ActivFire scheme – CSIRO Verification Services

Tracey Gramlick, Deputy Director – Growth and Strategy, Infrastructure Technologies

### Issue date

30-Nov-2023

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### For further information

CSIRO Conformity Services Branch  
[conformityServices@csiro.au](mailto:conformityServices@csiro.au)

## COMMONWEALTH PFAS BAN

**Solar Panels + the Electrical Wiring sourced from China are both coated in PFOS (Perfluorooctane Sulfonate or Perfluorooctane Sulfonic Acid) listed as a Toxic Contaminant in the updated Australian Drinking Water Guidelines.**

**Lithium-ion Batteries are also a Toxic PFAS Contaminant.**

**Due to these 'Forever Chemicals' being linked to cancer, birth defects, liver disease, thyroid disease, plummeting sperm counts and a range of other serious health problems the Commonwealth Government has effectively banned the import, use and manufacture of some of the more prominent types of PFAS (PFOS, PFOA and PFHxS) from 1 July 2025.**

**(21 Feb 2024)**