

AEMC - Accelerating smart meter deployment SUBMISSION

Anita O'Reilly. [REDACTED]

25 May 2024

To: AEMC Level 15 60 Castlereagh Street Sydney NSW 2000

Dear AEMC Team

Accelerating smart meter deployment rule change

I am writing to express my views on the draft determination and rule for accelerating smart meter deployment.

Flaws in the draft

I am opposed to all smart meters, the associated HAN, WAN & LAN and do not consent to a transmitting device on or in or even remotely near my home. I advise that the smart meter needs to be removed from my home IMMEDIATELY. The longer the exposure, the deeper the harm as discussed below.

Many householders nation-wide do not desire invasive, autonomous homes and devices, particularly dangerous RF EMF pulsed transmitters attached to their homes, preferring a simpler, easier way of life rather than keeping up with rapid and ever changing, non-sustainable technological advances.

As more and more of the Australian population become sensitised to ionised & non-ionised radiation, (both break single & double strand DNA) pulsed, spiked, beamed Radio Frequency (RF) Electromagnetic Frequency (EMF) and Electro Magnetic Radiation (EMR) through, in, at and on their homes, the greater the demand will become to remove the assaulting smart meter and the greater demand upon our frail health system.

To imply Australians will have control over their energy use is farcical. In what possible way will any Australian benefit being smart metered to the smart grid? What will likely occur is that their power supply will be autonomously cut, in peak use by 75% owned Chinese utilities, or fully in a grid down situation. Australia is not infallible to the potential looming disaster. View: Grid Down Power Up - FULL RELEASE! Documentary Narrated by Dennis Quaid, 4K Remaster 2024 (youtube.com)
<https://www.youtube.com/watch?v=1kErOyJ0u-8>

In what possible way does this benefit the unlucky smart metered householder?

In 2015, the Victorian Auditor-General released a report that showed the flaws of this centralised roll out. Add the economics and it demonstrates why this policy was a disaster for Victorian consumers. See: Why Smart Meters Are Good for Utility Companies, Bad for Consumers • Children's Health Defense (childrenshealthdefense.org) <https://childrenshealthdefense.org/defender/smart-meters-health-privacy/>

Smart meters are a breach of privacy used to spy on ordinary citizens in their own homes and businesses. False readings have resulted in much higher bills for consumers, well documented in Victorian newspapers. See just one example of many articles:

High electricity bill due to faulty smart meter – Green Wire Consulting

<https://greenwire.com.au/resources/articles/high-electricity-bill-due-to-faulty-smart-meter/>

Smart meters cause house fires. Must view: Smart Meter Fires (2016): Burning meters, burning questions, shocking answers (youtube.com) <https://www.youtube.com/watch?v=7MfiNYzdi24&t=1s>

When burn marks are licking UP the wall FROM the smart meter rather than DOWN from the eaves, it is a no-brainer that the fire came from the smart meter. Many cover ups have occurred where utility companies have confiscated the meter before fireman could ascertain the cause.

Fire investigators probe link between smart meters and house fires | news.com.au — Australia's leading news site <https://www.news.com.au/breaking-news/fire-investigators-probe-link-between-smart-meters-and-house-fires/news-story/2f636d9961a703441b36813ce5e7e2a3>

Smart meter fires are not covered by insurance: Insurance Underwriting Offices across the US are contemplating new rules that will specifically deny coverage for fires and damage caused by 'smart' meters. | EMFacts Consultancy <https://www.emfacts.com/2016/02/insurance-underwriting-offices-across-the-us-are-contemplating-new-rules-that-will-specifically-deny-coverage-for-fires-and-damage-caused-by-smart-meters/> Also see : Suisse Insurance and Lloyds of London Insurance Underwriters Refuse to Cover Wireless Industry – Scientists for Wired Technology (scientists4wiredtech.com) <https://scientists4wiredtech.com/what-are-4g-5g/insurance-underwriters-refuse-to-cover-wireless-industry/#:~:text=Lloyd's%20of%20London%20Insurance%20won't%20cover%20smartphones%20by%20excluding%20ALL%20wireless%20radiation%20hazards%20-%20source>

Smart meters violate privacy rights by selling consumers' usage data. So who are the 'third parties' that AEMC will provide every householders' personal data with? This needs to be declared and approved by householders, similar to all other privacy protection laws on the internet..

Cyber attacks and hacking of smart meters and the smart grid hardly make it a practical or beneficial bonus for any Australian to want or need a smart meter attached to their home. How will Australians be pacified into believing their personal data will be adequately protected?

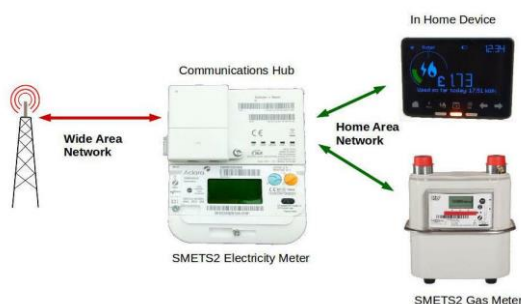
According to K.T. Weaver, "The principal privacy and security concerns surrounding installation of residential smart meters are (1) smart meters will reveal the activities of people inside of a home by measuring their electricity, gas, or water usage frequently over time, and (2) that inadequate cyber security measures surrounding the digital transmission of smart meter data will expose it to misuse by authorized and unauthorized users of the data."

Clearly the only alternative is to install and replace all existing smart meters with a Type 4A meter on residences: Privacy, Smart Meters and Electricity Usage Data – Australian Privacy Foundation <https://privacy.org.au/privacy-smart-meters-and-electricity-usage-data/>

Will AEMC provide an option for householders to opt out of their data being shared?

There are both Health & Trespass issue. See: 'Uncovering a Trillion Dollar Crime' Take Back Your Power 2017 (Official) - smart meter documentary (youtube.com) <https://www.youtube.com/watch?v=8ZTiT9ZSg3Q>

Stop wasting tax dollars and resources on infrastructure that simultaneously causes severe health effects and possible death.



The US has recognised the harm:

In the US, Lawyer Dafna Tachover presented 40,000 pages of documentation regarding the biological harm from wireless transmitters to the FCC and won that case. It is not acceptable for the Australian Government/AEMC to ignorantly and actively promote and deploy smart RF radiation-emitting meters to every home without the homeowners being warned of the biological risks and without their permission to do so.

According to Children's Health Defense, "CHD also revealed in the brief that the FCC admitted to adverse neurological responses from RF frequencies, including frequencies in the range emitted by the smart meter SMPS (2-50 Khz). The symptoms referenced by the FCC are similar to the symptoms reported by people who claim to suffer adverse effects from the smart meters. Symptoms include tingling, a feeling of electric shocks, sleep and cognitive problems."

Other than removal of a Smart meter, there are no benefits to the consumer. Not now, not in the future. Wireless meters will not save energy. Rather, they require more energy for production, operation, and disposal. Smart meters create more carbon emissions by using electricity as an additional appliance left on 24/7 and billed to the property where it sits. Analogue meters are safer in every respect, sustainable, and require much less electricity than smart meters. Read: Why Smart Meters Are Good for Utility Companies, Bad for Consumers • Children's Health Defense (childrenshealthdefense.org)

Health Problems related to radiofrequency (RF) radiation exposure

As early as 2012, environmental health Professor David Carpenter, founder of Albany School of Public Health, and author of 370 peer-reviewed publications, issued a public letter on the plausible toxic risks of intensive, pulsed-microwave smart metering.

His letter **Smart-meters: Correcting the Gross Misinformation** was rapidly signed by 50 international health experts.

Public Health Physician Warns of Smart Meter Dangers, Stresses Need for Analog Option (youtube.com)

Dirty electricity is a spiky, pulsed, highly variable electrical current that rides through all the circuitry of a building. It has devastating health effects. Many people are already experiencing those effects, which include high blood pressure, tinnitus, insomnia, and cognitive difficulties. **Emitting 1000s of short bursts of intense microwave radiation a day, smart meters disrupt cellular electro chemistry, causing health symptoms from migraine to tinnitus, insomnia, dizziness, anxiety, chest pain, palpitations and memory loss.**

The magnetic field generated can also be part of the problem. **When the *electric* current runs through the wiring, it generates a *magnetic field* at right angles to the electric current. This means that you are surrounded in every dimension by an electromagnetic current.**

To preserve the robust health of infants, the elderly, children and adults, every household Australia wide needs to be provided with an option for the immediate removal of their smart meter and installation of the Type 4A non-communicating meters.

Smart meters are the largest single source of community-wide, pervasive RF Radiation. Smart meters produce spikes of pulsed RF radiation 24/7 causing bioeffects and adverse health effects.

See: <http://sagereports.com/smart-meter-rf>

For a list of both non industry Scientists & Medical experts in the field, read:

Expert Letters to CCST (sagereports.com) http://sagereports.com/smart-meter-rf/?page_id=282

I strongly urge AEMC to also consider the consequences of smart meter installation and the massive industry cover up of biological harm:

- Henry Lai's Research Summaries - BioInitiative Report 2012
- Smart meters and cell damage from pulsed em radiation - our health at risk? (theecologist.org) <https://theecologist.org/2017/apr/11/smart-meters-and-cell-damage-pulsed-em-radiation-our-health-risk>
- Smartmeters Health and Safety FAQs - Environmental Health Trust (ehtrust.org) <https://ehtrust.org/smartmeters-health-and-safety-faqs/>

View: Ethical Electronics? "Death by Design" Q&A With Film Director Sue Williams and Kyle Wiens (youtube.com) <https://www.youtube.com/watch?v=uGYb0cNKgSo>

The International Agency for Research on Cancer has classified radiofrequency radiation as a Class 2B carcinogen. There has been a push for RF Radiation to be reclassified as a Class 1A carcinogen due to its known negative impacts on humans, animals and the environment, as later studies have demonstrated.

The International Classification of Diseases (ICD-10), a global standard for diagnostic health information for health practitioners, lists exposure to radiofrequency radiation as a classifiable condition.

Hundreds of eminent scientists and doctors have expressed concern about radiation standards:

EMFscientist.org - Home

The International EMF Scientist Appeal serves as a credible and influential voice from EMF (electromagnetic field) scientists who are urgently calling upon the United Nations and its sub-organizations, the WHO and UNEP, and all U.N. Member States, for greater health protection on EMF exposure. See: RF Color Charts Summarizing Several Studies - BioInitiative Report 2012 <https://bioinitiative.org/rf-color-charts/> The RF Colour Charts summarise many studies that report biological effects and adverse health effects relevant for all wireless transmitters.

David Blank said it best: *"We have created something that is harming us..."*

Radiofrequency Radiation, Smartmeters and the EMF Scientists Appeal - Environmental Health Trust (ehtrust.org) <https://ehtrust.org/radio-frequency-radiation-smartmeters-and-the-emf-scientists-appeal/>

Electromagnetic Harm Syndrome (EHS)

Well before the US Ambassadors and their family members were irradiated and sent home with various neurological health complaints including *Havannah Syndrome*, unsuspecting Victorians were subjected to the smart meter rollout.

Complaints were lodged with ARPANSA (Australian Radiation *Promotion* & Nuclear Safety *Assault* team). Complaints went to Utilities, the Ombudsman and Parliament, such was the distress of many Victorians trying to live in their homes in dense radiation, forced to flee, sell, left homeless, sleeping in cars, sleeping in parks to escape the irradiation. I personally know many people that this happened to.

Symptoms included microwave hearing, neurological problems, electrical burns, blistering, broken blood vessels, CFS, oral damage & in some cases loss of hearing, retinas popping, brain tumours and cancer. Left disabled, many smart meter harmed individuals were unable to continue in their careers, leaving the lives they had known behind them forever.

FACT: Smart meters emit weapons grade pulsed microwave radiation that can maim and/or kill people. Too shocking to believe? Try death from Ischemia.

For the record, Martin Pall's submission to the Non Government Organisation (NGO) International Committee of Non Ionised Radiation *Promotion* (ICNIRP) on its revised guidelines included a preamble to his report - comments made by electrically harmed people who endorsed his report. It included how they had become ill and lost loved ones when smart meters were fitted, such is the human tragedy and impact of pulsed, spiked transmissions. **Refusing to take it, eventually ICNIRP (inc ARPANSA members) accepted Martin Pall's report - hand delivered from a lawyer.**

Long term electrically harmed Australians (approx 15% of the population with ever increasing numbers) have had enough. For many the damage is permanent. Medical opinion trumps.

All smart meters should be abolished because they use short high-intensity pulses of microwave radiation. Studies demonstrate these pulses can be very damaging with calcium channel activation continuing long after the pulse has ceased, as well as DNA damage, breaching the Blood Brain Barrier and so on. Read:

<https://smartmeterharm.org/2017/04/10/olle-johansson-research-showing-remarkable-changes-in-the-skin-and-other-effects-from-emf-and-rf/>

See: Smartmeters Health and Safety FAQs - Environmental Health Trust (ehtrust.org)
<https://ehtrust.org/smartmeters-health-and-safety-faqs/>

Just one issue that needs to be addressed in the legislation

Scrap this foolhardy nationwide smart meter deployment. Abolish and replace all smart meters with long term, cost effective, sustainable analogue meters for the safety of every Australian. According to Stephen King, “Good economic policy relies on providing the right people with the right incentives. The auditor-general’s report highlights the failure that arises when bureaucrats think that they know best and impose their wisdom on us all.”

Questions that need to be answered by the AEMC regarding The WAN, the HAN & the LAN



1. Will the householder be given a choice to have a Type A4 meter?

- The WAN - As part of the massive Victorian smart meter debacle, the Wide Area Network - rural and suburbia, operated on different antenna systems. Eg Zigbee system
- The HAN - Victorians were told that the Home Area Network (HAN) operating on WiFi frequency on top of their smart meter Zigbee Frequency would not be turned on unless it was with the owner’s consent. This was NOT the case. HANs were automatically switched ON without owners’ consent or knowledge.
- Victorians were lied to. Further, when told by United Energy & Lily D’Ambrosio (Energy Minister) that the HAN was turned OFF, it wasn’t and it remained transmitting.
- No in-house control existed.
- The LAN - How to address a smart meter magically opening an electric garage door allowing access for anyone to enter one’s home?

- Stories abound of smart metered homes electronically locking people into their homes overseas. Not a safe practice in any respect.

2. Will householders be given a choice to not have their personal data shared with unknown third parties?

3. How can the expense justify Nationwide installation of smart meters? Stephen King stated: Under the Victorian program, all households received and had to pay for the same type of meter. The meter continued to be owned by the distributor, even though the consumer has to pay for it. The auditor-general (AG) notes that: *“By the end of 2015, Victoria’s electricity consumers will have paid an estimated \$2.239 billion for metering services, including the rollout and connection of smart meters.”*

The AG notes: *“The single largest benefits category of the AMI program relates to the avoided cost of replacing and manually reading the old accumulation meters. However, accumulation meter costs have been replaced with smart meter costs that are much higher.”*

4. How can the means justify the ends, claiming sustainability or when the cost of a non-stop transmitting smart meter requires 24/7 electricity, as well as training unqualified installers?

In conclusion, the potential liability of our nationwide utilities (immediately and in the future) could be significantly larger than their asset base. Their long term survival is at risk. Just like asbestos, liability for microwave diseases will explode in the future.

Much damage has already been achieved through wireless technology deployment, and there are no guarantees that even this measure will prevail against the current levels of microwave radiation in Australia. We should be promoting safe analogue meters and wired technology.

AEMC, our Utilities and our Health Departments need to recognise that microwaves are extremely harmful and we should not use this technology in an ignorant manner. The good news is that with an approximate 30% take-up only in Australia, the smart meter roll out is doomed and simply unsustainable on every level, however, with more frequencies being used and levels of radiation ever increasing, Australia has created a time bomb. And that’s *NOT* smart.

Allow me to reiterate:

- Try to convince the local utility to remove the smart meter from my home immediately. Testing has revealed it is severe to extreme as are the bio effects. It is reverberating on the house wiring with the solar panels and inverter.
- I have witnessed that Even Non-Electrically Harmed people hear it and have felt it.

Considering the weight of evidence presented to AEMC in this submission, I emphatically state:

- The legislation must require electricity companies to compensate customers for any harm caused by their RF-radiation-emitting smart meters.
- The legislation must require electricity companies to have insurance that covers them for harm caused by wireless smart meters.
- The legislation must be changed to require electricity companies to roll out non-radiation-emitting TYPE 4A meters – at no extra cost to the consumer. (My wording)
- The legislation must be changed to require electricity companies to obtain written consent for sharing data obtained by their smart meters.
- The number of notices that retailers send to customers before a new meter deployment should not be reduced from two to one. The minimum number of business days required for notices should also not be reduced from what is currently required.

Thank you for the opportunity to submit my comments and I look forward to receiving your response.

Yours sincerely,

Anita O’Reilly