

Questions from the General Public Assembled by Stop Smart Meters Australia Inc.

Q1 Who should be held responsible when there is evidence from all over the world that smart meter emissions are making people sick?

Q2 Many members of the public have written to the Department of Health, ARPANSA, ACMA, Energy Minister, Health Minister, Chief Health Officer of health issues that have developed only after the smart meter was installed to no avail. Template responses that suggest that smart meters' emissions are well below RF Standard so they must be safe. When can we expect a proper investigation be performed by people with appropriate medical accreditations instead of being blindsided and distracted with useless technical studies that don't look at health?

Q3 Where is the Department of Health in all of this, they are just as responsible, if not more than ARPANSA? Why haven't any warnings been issued on the possible dangers of smart meters?

Q4 The night-time is an extremely important time for the immune system and repair processes in the human body. Electromagnetic pollution has been shown to reduce/ interfere with melatonin levels (16 studies). Reduced melatonin levels deprive the body of the restorative powers of sleep, leading to sleep disturbances and interfering with the immune system activity and repair processes of the human body. Melatonin plays a role in the protection of DNA, circadian rhythms, regulation of blood pressure, anti-aging and is a powerful antioxidant. Reduced melatonin levels are an extremely serious problem as they are associated with CANCER. The women who get breast cancer have 1/10th of the melatonin levels of women of the same age that don't get cancer (how often do you see such a big effect in research? – very rarely). Men who get prostate cancer have less than half the melatonin that they should have. Autistic children have less than half the melatonin they should have. Further evidence of the disturbing effect of cell towers on sleep patterns can be found in studies on the symptoms of people living near cell towers which show increased levels of insomnia closer to the cell towers. What justification is there for leaving cell towers on at night when there is so little benefit to the public and so much risk?

Q5 Has ARPANSA considered taking advice from a mental health professional on whether the Zigbee data stream includes pulse groups occurring at repetition rates close to the alpha and beta waves in the human brain? If so, did people exposed to the data stream show any psychological effects?

Q6 Wi-Fi systems are installed and used in schools, with multiple wireless devices used in the classroom at the same time. Considering there is no study to this date giving evidence that non-thermal low-level long-term radiation exposure is safe for children, shouldn't ARPANSA recommend against Wi-Fi use in schools?

Q7 It is my understanding under the CLASS Licence and the 900 MHz band in which the meters operate that 1 watt E.I.R.P. is the limit. Given the radios transmitters are software controlled has ARPANSA independently verified that the OUTPUT Power equates to 1 WATT EIRP at ANTENNA given cable losses. WHY do some smart meters have an

EXTERNAL ANTENNA which will have a theoretical gain of 2.5 dBI resulting in a TX output power >>> 1.0 watt EIRP?

Q8 Why do you (ARPANSA) appear to completely ignoring peer reviewed research and evidence showing with complete clarity the detrimental effects of long term, low level microwave and radio wave exposure to biological organisms, especially human beings, even the simplest of test effects like exposure of blood cells to RF?

Q9 Dr Davis recently stated “The evidence on the damaging effects of cell phone and other wireless radiation is as strong, if not stronger, than the evidence on climate change.” In the light of this monumental statement, do you think that the current ARPANSA Australian safety standard needs reviewing to protect the future health of Australian citizens? If not, will the Government accept the responsibility for future compensation claims?

Q10 How can ARPANSA ensure its role as an independent advocate for public health is not compromised by the very well-funded advocates for the telecommunications industry who resist any tightening of the regulations? Especially when taking into consideration that ARPANSA is a government body and the Government is not only a promotor of wireless technology (Schools, public places, smart cities etc.) but also makes significant amounts of money from its regulatory arm (ACMA).

Q11 Why does ARPANSA still only take into account the thermal effects of microwave radiation when there is a significant amount of research that has established that there are detrimental biological effects way below that current recommended exposure levels?

Q12 What is being done to review the regulations to take into account the proliferation of microwave emitting devices? When the regulations were first set there were very few devices, used exclusively by a limited number of adults who used them only intermittently, but now there is a multitude of devices (mobile phones, WiFi, smart meters, cordless phones, etc.) that are located in virtually every place where there are people, operating 24/7 and exposing the whole population, from before birth to old age.

Q13 How does ARPANSA maintain that RF at low doses is not harmful, given the research of Alan Frey, Nora Volkow, Robert Becker etc. showing clearly that pulsed non-native EMF acts via the induction of voltage gated calcium channels, resulting in calcium efflux to produce membrane permeability changes including blood brain barrier permeability, upregulation of glucose metabolism, decreased vitamin D synthesis, and dysregulation of T regulated immunity plus many more documented biological effects?

Q14 Why are the SAR ratings for mobile phones not prominently displayed when they are for sale, and why are the corresponding warnings, for example the distance the phone needs to be from the body to comply with the SAR rating, not placed in a prominent position with the phone's instructions rather than in tiny print at the back of the manual?

Q15 Why are SAR ratings set for adults when a very large number of children use these devices and it is known that they are effected much more than adults because of their thinner skulls and rapidly dividing cells? I would also add the bone density, fat and water content is markedly different than an adult and so their absorption of this form of radiation is likely to be higher and deeper.

Q16 Why are there no prominent warnings relating to the dangers of children using mobile phones on the phones, their packaging and at point of sale?

Q17 Do you know how cells function? If not how can you persist with insisting low frequency energy pulses do not damage them when you have in your own archives experimental results that demonstrate the DNA can be? Do you believe cells react spontaneously? The answer has to be no (Its impossible, cause and effect) then can there be anything other than energy pulses that activate the DNA chromosome where its reaction from the gene(s) initiates a life establishing effect from the cell? (think hens egg)

Are you aware DNA nucleotide pairs resonate as a reaction to the incoming vibrating effects of the environmental energy pulses? (PjotrGargajev Russian Biologist experimental result). Its all about energy pulses and Photons.

Are you aware that a signal initiated by a pulsed energy input to the cell then activates (switches on) a reactive instruction from the gene to the cell?

(Its an electrical process, hence the presence of electricity in the specimen and it MUST be generated and therefore involves an energy input).

What happens when the incoming energy pulses are outside of the normally experienced energy pulses from the environment and to which we have evolved protection resulting in our survival in our particular normal environment? (Applies to all species).

Comment. X-Rays in the higher frequency band than normally experienced in our environment tear the DNA chromosomes apart, also the microwave energy pulses that are in the lower than normal frequency band damage the DNA genes. How can you be sure persistent emissions from Smart meters do not?

What do you know about material fatigue as a result of persistent energy impacts being applied to it? You do know the DNA nucleotide pairs are material do you not?

You do know asbestos, industrial chemicals, tobacco smoke viruses and radiation etc. cause cancer don't you?

Could it be that all these causes gain access to and damage the evolved tuned "coding" arrangement of the genes that on being switched on reacts and initiates the cells production of the output (protein etc.) resulting in the protective survival effects and the propagation of normal cells being disrupted ?

Did you know the nucleotide pair arrangement of a gene is "coded" to control the initiation of the relevant protein output from the cell? (Biological experimental knowledge)

Is the Genes function and hence the cell now disrupted in function? could it be cancer?

In this event of damage to the involved gene do you know how cancer then develops? I do and much more in relation to EMF induced illnesses and this all based on available scientific evidence and physics phenomena if ARPANSA members care to do the necessary research instead of relying on "Empirical Evidence" that constitutes its on-going recommendations in regard to the safety of the emissions from these meters.

Would you like to acquaint yourself with the information that scientifically reveals what is going on and why these RF energy pulses associated with the meters can cause all of the mooted illnesses or would you rather stick with the Empirical Evidence you base your recommendations on but have admitted on paper you should not be?