

ATTENTION: The Montana PSC requesting comments from the public in regards to the planned installation of Smart Meters

The Montana PSC (Public Service Commission) is requesting comments from the public in regards to the planned installation of **Smart Meters** (aka Advanced Metering Devices) in Montana.

House [Bill 267](#) states the Montana PSC has decision making powers over the determination of the installation of these devices and possible opt-out provisions.

Attached above is the PDF Notice from the MT PSC, requesting comments on **Docket #2019.12.108**.

*“The Commission requests that interested persons submit written comments on the issues listed above no later than **February 28, 2020**.*

*“Written comments must be mailed to the Commission at **1701 Prospect Ave, PO Box 202601, Helena, MT 59620**, or hand-delivered to the Commission.*

“Comments should also be submitted electronically by e-filing them on the Commission’s website at <http://psc.mt.gov/>. Public comments may also be submitted to the Commission through the Commission’s website at <https://svc.mt.gov/psc/web/PublicComment>.

[PSC REQUEST FOR COMMENTS](#)



Smart Meter Research and Comments:

HB 267 has addressed some of the privacy concerns of Smart Meters (aka Advance Metering Devices or AMI Meters, Advance Metering Infrastructure). However, HB267 has not addressed the multitude of very serious health, public health, and safety concerns associated with these devices.

The Montana Public Service Commission has the responsibility and jurisdiction to evaluate these health, safety, and privacy issues before exposing the public to these untested and surveillance capable Advanced Metering Devices.

There should be no “opt-out or opt-in” provisions granted to Montana Utilities until they can definitively prove that these questionable devices and their technologies are safe and not dangerous in all areas investigated.

Problems and Concerns with Smart Meters/Smart Grids:

1. First, let us look at the **BIGGER PICTURE** of why Smart Meters/Smart Grids are so aggressively pushed on us. According to Patrick Wood, author of “Technocracy Rising: The Trojan Horse of Global Transformation” and “Technocracy: The Hard Road to World Order, **“The dark horse of the New World Order is not Communism, Socialism or Fascism. It is Technocracy.”** (1)

Wood connects the dots between seemingly diverse but related Agendas such as the U.N. goals of “sustainable development”, Agenda 21, The Trilateral Commission, the Council on Foreign Relations, Climate Change, Biodiversity, Green Environmentalism, Smart Cities, Smart Grids/Smart Meters/Internet of Things/Run-away Surveillance, 5G, Government Land Grabs, Common Core, and more!

Smart Cities, Smart Grids/Smart Meters/Internet of Things/5G/Total Surveillance, are **part of the infrastructure** of a **Technocratic Globalist New World Order**, designed to control humanity based on fake science, artificial intelligence, and a Scientific Dictatorship. (1)

When we understand the Global Elite’s agenda of total control and tyranny over humanity, considering humans to be commodities, to be used and traded for profit with impunity and disregard for our rights and dignity, then we can understand all the abuses and list of problems that we see outlined below.

2. The Federal Communications Commission (FCC) is now a captured industry, no longer serving the public. Instead of regulating the wireless industry, it is now their mouthpiece, with revolving doors between this governmental agency and private corporations. (2) (3) (4) (5)

Norm Alster, in his 59 pg. expose for Harvard University, “***Captured agency: How the Federal Communications Commission is dominated by the industries it presumably regulates***”, states “A detailed look at FCC actions—and non-actions—shows that over the years the FCC has granted the wireless industry pretty much what it has wanted. . . money, and lots of it, has played a part . . . As a result, consumer safety, health, and privacy, along with consumer wallets, have all been overlooked, sacrificed, or raided due to unchecked industry influence Most insidious of all, the wireless industry has been allowed to grow unchecked and virtually unregulated, with fundamental questions on public health impact routinely ignored.” (4)

This is the reason their established “**safety limits**” for microwave exposure is completely **outdated and fraudulent** and does NOT protect the public from harm. In fact, the FCC exposure limit of 10,000 mw/m² (and no limit for the pulsed radiation from Smart Meters) **exceeds** the maximum RF microwave exposure limits of many other countries, such as China, Russia, Italy, France, and Switzerland, by one hundred to one thousand times more. (2) (3)

Not only is the FCC limit of 10,000 mw/m² at least a hundred times higher than other developed countries, it is at least *10,000 times higher* than the recommended safe levels based on the large body of scientific evidence. This is a clear indication that the FCC has completely abandoned its responsibilities and has been taken over by the industry which it is supposed to regulate. (2) (3) (4) (5)

3. Smart meters are more prone to fires and explosions. Here are images of Smart Meter fires and explosions. (6) A picture is worth a thousand words <https://www.google.com/search?q=pictures+of+smart+meter+fires&tbm=isch&source=univ&client=firefox-b-1-d&sa=X&ved=2ahUKEwiV2Lzai0LnAhU1HTQIHc61ATUQsAR6BAqIEAE&biw=1152&bih=592>

Compilations of Smart Meter fires and explosions in the U.S., Australia and Canada can be found here. (7) (8) Many Utilities have had to replace hundreds of thousands of Smart Meters due to defects and fire and safety hazards.

The increased fire and explosion safety risks appear to be related to the inherent design of these meters and the constant non-stop pulsing at high densities required to transmit detailed granular minute by minute data. (7) (11)

4. Smart Meters have been shown to radiate RF microwaves at higher and more intense levels than cell phones. Daniel Hirsch, California radiation expert and UCSD instructor, has calculated exposure from a Smart Meter to be up to *160 Times More Than Cell Phones*. (9)

Using a Cornet microwave radiation meter reader (10) , I have personally recorded Smart Meter radiation readings at 1- 2 feet to be *10 – 100X higher* than various cell phone readings at 1 – 2 inches. In addition, the type of radiation that Smart Meters put out are **high energy intermittent pulses**, with each pulse about 2 milliseconds long, (2/1000th of a second). This type of intense pulsing high energy radiation is likely more damaging to the human body than the more even cell phone radiation emissions. I call them “microwave bullets”. (7) (11)

The wireless industry will use misinformation and disinformation to lie and say that their Smart Meters radiate “much less” than cell phones, based on *averaging* the high energy spikes with the times in between when the meter is not radiating these pulses. **This is bogus science**, and is like saying because my gun sits in my drawer most of the time except once or twice a year when I take it out to shoot it, then if I average all the time it sits in my drawn, my gun is then harmless and cannot hurt anyone.

Replicated scientific research has shown that much lower RF exposures, for example at ten feet away from a smart meter, have cumulative and potentially harmful biological effects. Unlike our cell phones or Wi-Fi routers, we are unable to turn these Smart Meters off, making them **mini-cell towers** in front of everyone’s homes. (12)

5. Thousands of research studies, going back at least fifty years, **have reported adverse health conditions** from the type of RF Microwave radiation that is emitted from Smart Meters. A Compilation of this Research can be found here (13). In particular, the **government funded National Toxicology Program** found that this type of microwave radiation causes cancer. (15)

In May 2011, the World Health Organization classified this radiofrequency radiation as a “2B level possible carcinogens”, on the same level as lead, DDT, chloroform and diesel fuel.

The American Academy of Pediatrics (AAP), based on the evidence, has called for the adoption of the **Precautionary Principle**, and limiting exposure for children and pregnant women. **They also demand that the FCC revises its inadequate and outdated exposure guidelines and testing protocols.** (16) Children, babies, and fetuses are much more vulnerable to this radiation due to their immature immune systems, developing bodies, and thin skulls.

6. The International EMF Scientist Appeal, signed by 252 EMF scientists from 43 nations, is urgently calling upon the United Nations and its sub-organizations, the WHO and UNEP, and all U.N. Member States, for greater health protection from EMF exposure. This petition reinforces the need for more stringent regulations and better disclosure of the health risks associated with wireless technologies based on the large body of evidence and peer reviewed scientific papers. (17)

“It is our opinion that adverse health consequences of chronic and involuntary exposure of people to non-ionizing electromagnetic field sources are being ignored by national and international health organizations despite our repeated inquiries as well as inquiries made by many other concerned scientists, medical doctors and advocates. . . . This constitutes a clear violation of human rights, as defined by the United Nations”

7. The BioInitiative 2012 Report is published at www.bioinitiative.org. It is a comprehensive report by 29 independent scientists and health experts from around the world about possible risks from wireless technologies and electromagnetic fields.

The clear consensus of the BioInitiative Working Group members is that the existing public safety limits are inadequate for RF microwave radiation. Its conclusions are that bioeffects are clearly established and “occur at very low levels of exposure. . . Many of these bioeffects can reasonably be presumed to result in adverse health effects if the exposures are prolonged or chronic. This is because they interfere with normal body processes (disrupt homeostasis), prevent the body from healing damaged DNA, produce immune system imbalances, metabolic disruption and lower resilience to disease across multiple pathways. Essential body processes can eventually be disabled by incessant external stresses (from system-wide electrophysiological interference) and lead to pervasive impairment of metabolic and reproductive functions.” (18)

Ronald Powell PhD, has used the data from the 67 studies cited in the BioInitiative 2012 Report and created a graph of their negative biological effects in relationship to various radiation density levels at which they were found. **In all these studies, negative biological effects were found at levels way below the FCC safety limit of 10,000 mw/m2.** A review of this graph (included below) should raise alarm bells for policy makers. The conclusion is that the current FCC Maximum Permitted Exposure limits are so high that they **provide no protection for the public from adverse biological effects.** (19) (20)

8. The American Academy of Environmental Medicine (AAEM) has adopted a resolution calling for a halt to wireless smart meters. *This represents the first American physician’s group to take an in-depth look at wireless health risks, and to advise the public about preventative public health actions that are necessary.*

Based on their findings, the AAEM is calling for a moratorium on Smart Meters, implementation of safer technology, further research regarding smart meter health effects, and accommodation for health considerations. (22)

*“The peer reviewed, scientific literature demonstrates the correlation between EMF/RF exposure and neurological, cardiac, and pulmonary disease as well as reproductive disorders, immune dysfunction, cancer and other health conditions. **The evidence is irrefutable.** Despite this research, claims have been made that studies correlating smart meter emissions with adverse health effects do not exist.”*

Excerpt from AAEM letter of 1/22/2012 to the California Public Utilities Commissioners, on proposed decision#11-03-014:

“Dear Commissioners:

“The Board of the American Academy of Environmental Medicine opposes the installation of wireless “smart meters” in homes and schools based on a scientific assessment of the current medical literature (references available on request). Chronic exposure to wireless radiofrequency radiation is a preventable environmental hazard that is sufficiently well documented to warrant immediate preventative public health action. . . **These effects accumulate over time**, which is an important consideration given the chronic nature of exposure from “smart meters” . . . The current medical literature raises credible questions about genetic and cellular effects, hormonal effects, male fertility, blood/brain barrier damage and increased risk of certain types of cancers from RF or ELF levels similar to those emitted from “smart meters”. . . **the Board of the American Academy of Environmental Medicine (AAEM) finds it unacceptable from a public health standpoint to implement this technology until these serious medical concerns are resolved. We consider a moratorium on installation of wireless “smart meters” to be an issue of the highest importance.**” (21)

9. Open Letter “**Smart Meters: Correcting the Gross Misinformation**” comes from a group of 55 scientists and health professionals who together have co-authored hundreds of peer-reviewed studies on the negative health effects of electromagnetic fields. They are correcting the gross misinformation put out by the Wireless Industry and their lackey the FCC. (23)

*“Non industry-funded studies have clearly demonstrated a significant increase in cancer cases . . . The mass deployment of smart grids could expose large chunks of the general population to **alarming risk scenarios without their consent.** . . Therefore, caution is warranted because the growing variety of RF/microwave emissions produced by many wireless devices such as **smart meters have never been tested for their potential biological effects.**”*

Here is a two-minute video interview with Public Health Physician David Carpenter MD, former Dean of the University at Albany NY’s School of Public Health. He states that there is “No Evidence that Smart Meters are safe and have no adverse health effect.” https://www.youtube.com/watch?time_continue=1&v=n7L21XOC2wA&feature=emb_logo

Other prominent physicians who have come out against Smart Meters are Dr. Dietrich Klinghardt and Dr. Mercola. They point out how chronic exposure is contributing to the high rates of chronic disease. Like smoking, this toxin can accumulate in the body and not present

itself as a degenerative disease until decades later. (25) (26) While we cannot see, smell or feel this radiation or toxin, we know it exists because our cell phones come on and our food is cooked in our microwave ovens. RF microwave radiation is considered by many as the new cigarettes of this new century.

10. The ACLU, American Civil Liberties Union of various states such as Hawaii, Washington, Maryland, Maine, Vermont and Ohio, have taken a public position in opposition to Smart Meters based on privacy concerns and states that **utility customers should not be charged extra for opting out, as this could lead to discrimination against poorer populations.** (26)

11. The U.S. Constitution (4th Amendment) **and Montana Constitution** (Article IX, section 1) protect our constitutional rights to privacy and our rights to a “clean and healthful environment”.

Charging an Opt-out fee for Smart Meters is like charging an extortion fee to prevent from being irradiated and harmed. **Charging an Opt-out fee for Smart Meters is like charging a monthly fee to buy back our constitutional rights.**

12. “Ranking Electricity Meters for Risk to Health, Privacy, and Cyber Security”

Ronald Powell PhD, got his degree in Applied Physics from Harvard University. He has worked for the Executive Office of the President, the National Science Foundation, and the National Institute of Standards and Technology.

Dr. Powell has done extensive research on the various types of electric utility meters currently in use and has ranked and categorized them according to their Health, Privacy, and Cyber Security risks. His 21 page report “Ranking Electricity Meters for Risk to Health, Privacy, and Cyber Security” can be found here (27). His summary guide can be found here (28). Pg.12 of his report is copied below.

According to his research and findings, **Smart Meters** (aka wireless AMI or Advanced Metering Devices) **have the highest risk to health, highest risk to privacy, and highest risk to cyber security.** The other types of meters he investigated such as the AMR meters (automated meter reading), basic digital electronic meters, or analog meters all showed lower or negligible risks in these areas.

NorthWestern Energy’s current meters are one-way AMR meters. They also have older Analog Meters with wireless digital wake-up capability. Their AMR meters are either Wake-up meters or the newer Bubble-up meters, both requiring a truck to come along to take the utility readings. I have personally taken readings from various types of NWE meters throughout Yellowstone County with my reliable Coronet Electrosmog meter. The findings that Dr. Powell presents is consistent with the RF radiation readings that I have recorded. The older Wake-up meters have the lowest RF radiation readings as they only pulse when triggered by a truck coming by. The newer Bubble-up meters radiate all the time, even if a truck is not there, and therefore have higher RF microwave readings; however, their readings are still lower or much lower (depending on the model) than readings I get from Smart Meters, two-way wireless AMI devices that YVEC (Yellowstone Valley Electric Cooperative) has installed.

The conclusions are that the AMR meters that NWE currently uses are ranked lower in health risks, lower in privacy risks, and have no or negligible cyber security risks, in comparison to AMI wireless Smart Meters. Please see Dr. Powell's report for more details.

Since the infrastructure that NWE currently has in place is safer and less risky than the untested smart meters/smart grid technology with all its attendant risks, **it is advisable that Montana Utilities not rush to put in something which may financially benefit them, but at the expense of the health, public health, and safety needs of their customers.**

Dr. Powell writes, *“Wherever these meters are installed, they threaten the health of all residents in the community, violate their privacy, increase the likelihood of hacking, decrease their personal security and safety, and threaten property values in the community. And Wireless Smart Meters do all of this without any persuasive evidence of any financial benefit to the customers. All of these consequences are important for consumers; but the health threat is particularly tragic.”* (29)

Concluding Comments

NorthWestern Energy (NWE) participated in writing HB 267, thinking that addressing the privacy issues would give them the green light to install Smart Meters/Smart Grids. (30) However, they have completely ignored the more important health threats and fire and safety hazards. The AMI wireless Smart Meters/Smart Grid technology will enable Utilities such as NWE to profit by eliminating the need for meter readers, allow them to charge extra for peak hours usage, have remote shut-off capabilities, and provide them with granular detailed information on customers' utility usage. These advantage for *them* however does not translate to advantages for consumers when we take into consideration all the risks involved with this questionable technology. In fact, **for consumers, there are No real benefits, just incalculable risks.**

If utilities such as NWE want to join the Globalist bandwagon and bring in smart meters/smart grids to MT, they will need to *first* demonstrate to us and our Public Service Commissioners that these devices and technologies are safe. They will need to gather a team of experts to refute the large body of scientific evidence documenting real and potential harm to all body systems and bodily functions. Utilities should not be allowed to trick the public by getting their foot and horns in the door first and then demanding that the public pay a monthly opt-out fee to them for something that has NEVER been safety tested and carries with it a long list of documented health and safety risks.

The Global Elite's preferred living condition for humans is in their crowded Technocratic Agenda 21 Smart Cities. Putting Smart Meters/Smart Grids in densely populated areas is akin to living in a Microwave Oven, where this radiation becomes magnified and even more dangerous. However, our health and safety needs are not of concern for our Globalist Masters; their main concern instead is the counting, labeling, and control of their human commodities.

The tyranny on this planet needs to stop. The Global Elite's Agenda is an Anti-Human and Anti-God Agenda. When the Luciferian forces on this planet come with special gifts for humanity, the

children of God need to be suspicious. They will tell us “We have made some wonderful smart meters/smart grids for you. These are good for you. . . Surely we will not spy on you. . . Surely the studies of harm do not exist”.



References:

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HB 267: Establish privacy regulations and opt-out provision for smart

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Dr R M Powell: Biological Effects from RF Radiation – Implications for Smart Meters and Smart Appliances (20)

Reported Biological Effects from RF Radiation at Low-Intensity Exposure in Each of the 67 Studies Referenced in the "BioInitiative 2012" Report (Cell Tower, Wi-Fi, Wireless Laptop, and Smart Meter Power Densities)

Reference for data dots (red), data range indicators (vertical black lines through red dots), biological effects categories for the red dots, and new proposed limits (yellow line): BioInitiative Working Group, Cindy Sage and David O. Carpenter, Editors. BioInitiative Report: A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Radiation at www.bioinitiative.org, December 31, 2012. For references for other information on this chart, including the FCC Maximum Permitted Exposure limits, and the power densities of Smart Meters and Smart Appliances, see accompanying paper.

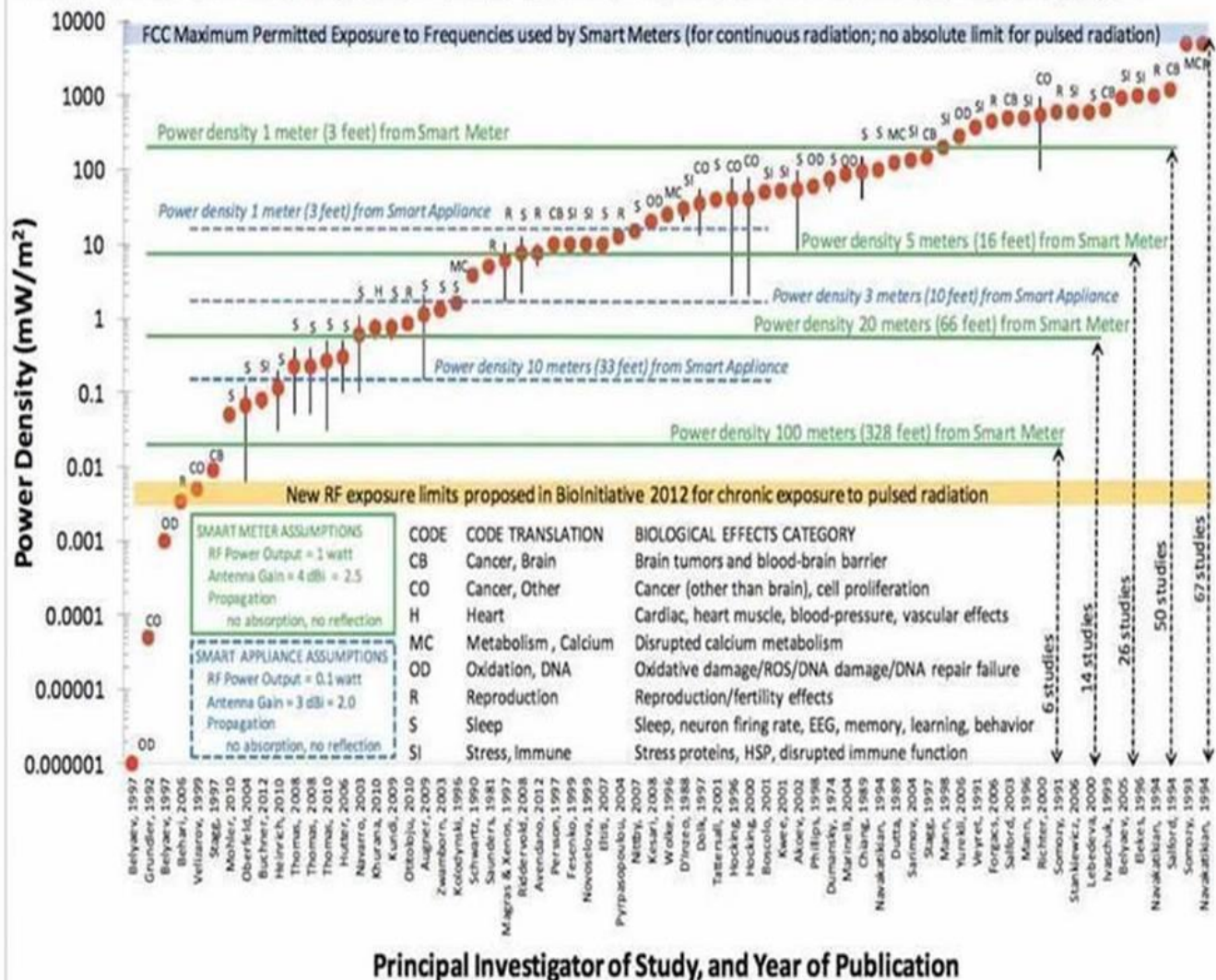


Figure 2: Ranking Electricity Meters for Risk to Privacy and Cyber Security

(RED means risk to health, BLUE means risk to privacy, GREEN means risk to cyber security.)

Meter Category	Type of Communication		Risk to Privacy					Risk to Cyber Security			Overall Risk 5 is highest. Blank is lowest.			
	Criteria for Ranking →	wireless/wired	Remote Access to Data Stream		Nature of Data			Remote Access to Meter			Risk to Health	Risk to Privacy	Risk to Cyber Security	
			Number of People with Potential Remote Access	Ease of Gaining Remote Access	Timeliness	Granularity	Variety	Number of People with Potential Remote Access	Ease of Gaining Remote Access	Vulnerability of Meter to Being Harmed or to Doing Harm				
SMART METER Digital Advanced Metering Infrastructure (AMI)	WAN/HAN	✓	4	5	5	5	5	4	5	5	5	5	5	5
	Internet cable/fiber	✓	5	2	5	5	5	5	2	5	2	4	4	4
	Telephone landline	✓	1	1	1	5	5	1	1	5	2	3	3	3
Digital Automated Meter Reading (AMR)	Bubble Up	✓	3	5	5	5	2	3	5		4	4		
	Wake Up	✓	2	5	1	1	2	2	5		3	2		
	Internet cable/fiber	✓	5	2	5	5	2	5	2		2	4		
	Telephone landline	✓	1	1	1	1	2	1	1		2	1		
Basic Digital Electronic Meter	None				1	1	1				2			
Analog Meter (plus wireless digital electronics)	Bubble Up	✓	3	5	5	5	2	3	5		4	4		
	Wake Up	✓	2	5	1	1	2	2	5		3	2		