

12/02/2014 Michigan Oversight Committee

Thank you Mr. Chairman & members of the committee for your time and for the invitation from some of the organizers to testify at this hearing.

First of all, I feel there is no way anyone can do justice and speak on such a complex topic in 3-5 minutes; I understand the position you are in though and I look forward in working with you on this serious topic in the future.

Secondly, the more the utilities demand, and force, these wireless devices onto private property and people's homes, the more business it will generate for my profession. However, I believe in being up front and ethical --and as a matter of integrity-- Public Health and Safety is for more important and paramount to any profit. I do not have any stock in any utility company/holding company advocating and forcing this wireless technology onto people, nor any investment in the companies manufacturing these wireless devices, as well as any company developing and/or selling the software to operate these devices. In this same spirit of full disclosure I request complete and full disclosure from any and all government officials, public service commission members --anyone that is involved in the decision making process of this issue to completely and publicly disclose **any** financial interest they have with any and/or all of these matters.

The more I research this topic of the so-called smart grid, it is without question a money tree and quite frankly, I again request that everyone involved in this matter put the Public (including the Individual's) Health and Safety above any profit — and/or special interest.

My training is as an electrician that specializes in consulting and identifying power quality and electrical issues as well as mitigation. I grew up on a small organic farm --many years before the word "organic" became mainstream-- where my parents had the foresight of how certain chemicals can cause serious and adverse health issues and where now this topic is mainstream. Microwave radiation of this type I am learning is, in ways, very similar and we need to have foresight before it is too late to turn this around. I also work with computers and information technology and I have also formerly worked with and taught gifted learners.

Working with technology there have been no concerns that I have ever heard of raised about possible health effects from this type of wireless microwave radiation --which are the same, or very similar, frequencies that the wireless advanced meters use. This past year I am experiencing situations where many more clientele are very seriously and adversely affected from not only electric and/or magnetic fields but also RF (radio frequencies) in the microwave radiation range. Being open minded and a person that believes in preventive medicine I started researching if RF --in these ranges and types-- may, or does, have known health effects.

The research without question worldwide not only shows that there is knowledge about microwave radio sickness, EHS (electromagnetic hypersensitivity), etc. etc., but current medical professionals are also finding more patients with the exact same, or very similar symptoms. These symptoms are without question from the microwave radiation (radio waves/frequencies) exposure and are causing damaging effects in some people's bodies. True, not all people seem to be affected by this microwave radiation (RF frequencies/radio waves), but there definitely are some people who are seriously affected by this microwave radiation which medical professionals confirm.

The privacy and security issues with these wireless microwave devices is also of utmost concern. In fact, when I set up a network for a client in my experience there is no network that is secure unless it is hard wired and protected by a high end physical fire wall with specialized tunneling etc. In fact, look at how the police/sheriff departments, and even the federal government, etc. set up their security on their networks (if they are done properly) to verify this. We have even recently heard of the Target, and now Sony, security breaches etc. Or, nationally the threat to the electric grid: <http://www.cnn.com/2014/11/20/politics/nsa-china-power-grid/index.htm>

There is a lot of money and profit driving this so-called "smart grid" but there is hard wired technology that can meet the concerns, or legitimate needs, to have a safe power grid which are not at the expense of freedom and personal choice. In no way am I against technology --quite the opposite, we must be sure however, that the technology

we use is safe for everyone.

These utility demands (regarding this issue) are completely unprecedented where private corporations (in this case most are **holding companies** and monopolies) are allowed to place and force a wireless microwave device(s) on to a private person's home and private property against their will! This is a country that has long prided itself on personal freedom and liberty. What is to prevent any other corporation from attaching a microwave radiating device onto anyone's property or home against their will in the future? The precedence will have been set if this is allowed. In addition, the public and government officials (for the most part) are not being told the full story and facts about what these microwave radiation "meters" (**monitors**) are actually going to do, or are capable of, both in the short and long term. The stunning ultimate purposes of these monitoring devices the advocates admit is all part of their business plan.

Another important point before wrapping this up with the time limit imposed is the cost this microwave radiation is costing people to attempt to shield and protect themselves from it (in addition to health effects and health costs to them). For example, some clients have removed all microwave transmitting devices from their homes due to their health and their doctor's orders. Now, many utilities are forcing microwave transmitting/receiving devices onto their homes and private property. Whether the radio is allegedly turned off or not, they still are left with no choice but to attempt to shield themselves from these radio frequencies and radiation from their neighbor's homes (via the utility meter(s)), their own electric wiring which is acting as an antennae, etc. The shielding materials are expensive and very difficult to install on old homes to actually provide adequate shielding and protection for these people from these microwave radiation/frequencies. In fact, in one situation, this is costing a client over \$50,000—and this is with no mark up on any of the materials. This also, without question, will affect the value of property owner's homes.

In summary, the medical professionals have, and will further address the health and safety issues of this type of microwave radiation as well as technology professionals who can attest (honestly) to the wireless security issues as well as professionals and citizens regarding the privacy invasion/issues. There is a distinct difference between **thermal** and **non-thermal** effects, between different name brands of devices and technologies etc., so that the proper comparisons are being made and apples are being truly compared to apples when the safety of these microwave devices is being discussed and investigated. Additionally, there is a vast difference between **pulsed** and **continuous waves** where evidence appears to clearly show pulsed waves of energy being much more damaging than the continuous waves etc. There are arguments being made by both sides, some who are profiting immensely from these products arguing that a majority of folks are not affected, but they will not quantify this and objectively admit that **ALL** people are **not** affected by this microwave radiation. Either way, the bottom line which cannot be denied is that **some people are** affected by this type of microwave radiation. For example, this is no different than a peanut allergy where one, or a couple of students in a school are protected due to the damaging effects they suffer from peanuts even though the majority of students are not affected by them.

In short, I look forward to future discussions where ample time is allowed for professionals and citizens to adequately address the Public and Individual Health & Safety and the privacy matters regarding these microwave devices.

Again, thank you for your time and I look forward in working with you in the future and to coming to a positive and safe solution that applies to everyone.

Paul Kitzmann, American Quality Power

Attached:

[Questions sheet](#)

[NMRI \(Naval Medical Research Institute\) Bibliography of Reported Biological Phenomena \('Effects'\) and Clinical Manifestations to Microwave and Radio-Frequency Radiation Research Report](#) (pdf format).

Questions are for each Utility Provider
as well as the Michigan Public Service Commission

1. What objective standards did you utilize to determine that this technology (wireless “metering” etc.) is safe and has (absolutely) **no** non-thermal health and/or biological effect(s) for everyone?
2. What objective evidence and criteria would be required of us to prove that there are non-thermal health and/or biological effects?
3. Are the advanced “meters”/wireless technology that you are using completely and totally safe for everyone? If so, it is requested that this be put into a signed written document stating exactly this, and immediately.
4. What documented scientific peer reviewed research do you have to verify and/or prove that this technology is completely and totally safe for everyone?
5. Do you have insurance coverage for the liability, or potential liability, from the microwave radiation and frequency(ies) that these devices emit/use and which are being forced onto home owners and residences etc. against their will?

If not, what contingency /backup plan do you have to protect your share holders and their investments should your business plan come to light as not being safe and causing harm to people etc.? As well as a contingency plan for the people adversely affected by your actions and your equipment?