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DATE: June 6, 2019  
TO: Secretary Rosemary Chiavetta  
FROM: Darlene D. Heep - *DA*  
Administrative Law Judge  
SUBJECT: Theresa Gavin v. PECO Energy Company  
Docket No. C-2017-2616249

Please file this Complainants Exhibit I it was introduced at the hearing and should be part of the record. It is **not** late-filed. (See Initial Decision at 2 and 16). It has come to my attention that it was not filed with the Secretary. Please file this Exhibit at the above docket number and file it in the appropriate folder in the Secretary's Bureau.

Thank you.

Encl.

cc: Legal Division Supervisor (w/o enclosure)  
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# American Academy of Environmental Medicine

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## American Academy of Environmental Medicine Recommendations Regarding Electromagnetic and Radiofrequency Exposure

Physicians of the American Academy of Environmental Medicine recognize that patients are being adversely impacted by electromagnetic frequency (EMF) and radiofrequency (RF) fields and are becoming more electromagnetically sensitive.

The AAEM recommends that physicians consider patients' total electromagnetic exposure in their diagnosis and treatment, as well as recognition that electromagnetic and radiofrequency field exposure may be an underlying cause of a patient's disease process.

Based on double-blinded, placebo controlled research in humans, medical conditions and disabilities that would more than likely benefit from avoiding electromagnetic and radiofrequency exposure include, but are not limited to:

- Neurological conditions such as paresthesias, somnolence, cephalgia, dizziness, unconsciousness, depression
- Musculoskeletal effects including pain, muscle tightness, spasm, fibrillation
- Heart disease and vascular effects including arrhythmia, tachycardia, flushing, edema
- Pulmonary conditions including chest tightness, dyspnea, decreased pulmonary function
- Gastrointestinal conditions including nausea, belching
- Ocular (burning)
- Oral (pressure in ears, tooth pain)
- Dermal (itching, burning, pain)
- Autonomic nervous system dysfunction (dysautonomia).

Based on numerous studies showing harmful biological effects from EMF and RF exposure, medical conditions and disabilities that would more than likely benefit from avoiding exposure include, but are not limited to:

- Neurodegenerative diseases (Parkinson's Disease, Alzheimer's Disease, and Amyotrophic Lateral Sclerosis).<sup>2,4</sup>
- Neurological conditions (Headaches, depression, sleep disruption, fatigue, dizziness, tremors, autonomic nervous system dysfunction, decreased memory, attention deficit disorder, anxiety, visual disruption).<sup>7-10</sup>
- Fetal abnormalities and pregnancy.<sup>11,12</sup>
- Genetic defects and cancer.<sup>2,3,13-19</sup>
- Liver disease and genitourinary disease.<sup>12,20</sup>

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Because Smart Meters produce Radiofrequency emissions, it is recommended that patients with the above conditions and disabilities be accommodated to protect their health. The AAEM recommends: that no Smart Meters be on these patients' homes, that Smart Meters be removed within a reasonable distance of patients' homes depending on the patients' perception and/or symptoms, and that no collection meters be placed near patients' homes depending on patients' perception and/or symptoms.

Submitted by: Amy L. Dean, DO and William J. Rea, MD

Approved July 12, 2012 by the Executive Committee of the American Academy of Environmental Medicine

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## The Adverse Effects of Electromagnetic fields on Reproduction

As many as one in five healthy young men between the ages of 18 and 25 produce abnormal sperm counts. Only 5 to 15% of their sperm is good enough to be classed as 'normal' under World Health Organisation rules, proving that infertility is not just a female problem. Indeed, among those experiencing difficulty with conception, a male fertility problem is considered important in about 40% of couples.

But women trying to get pregnant have also become aware of the fact that the core problems of male fertility start in the womb. There is a 'window' of testicular development that begins in the growing foetus and ends in the first 6 months after birth. Problems during this time may mean that the baby boy may not be able to produce children. Animal studies by Tenorio (2011, 2012) showed testicular degeneration or developmental delay in a subset of rats exposed to EMFs. The magnitude of the degenerative process varied between those individuals affected, indicating different individual sensitivity to EMF.

Electromagnetic fields (EMFs) are produced by the distribution and use of electricity (low frequency) and mobile telephone and wireless technology (high frequency, radiofrequency or microwaves). There has been increasing concern that EMFs are not as safe as they were first thought to be. Exposure limits were put in place by the government to prevent us getting electric shocks, or being cooked. No acknowledgement by the regulators has been made that health effects are possible from very low levels of exposure.

However, in 1979 Wertheimer & Leeper showed an association between very low levels of magnetic fields and an increased risk of developing childhood leukaemia. Since then, most scientists have questioned the limits set by the government as being too high and, increasingly research is showing that there are significant health effects at low levels of electromagnetic fields (EMFs).

In this article we concentrate on the effects of low and high frequency EMFs on reproduction. We summarise some of the research findings below. The research situation changes frequently, so this is just a 'snapshot' in time.

Why should EMFs affect the movement of sperm? One study points to a possible explanation. Lishko (2010) showed that human sperm move to the egg in an electrically created pathway. This may well be affected by external EMFs. Mice, often used as experimental subjects have much larger sperm (relatively speaking) than humans, so they may not be affected as much, and could explain some of the different laboratory findings.

One paper discussed the effect on growing foetuses of exposure to high and low frequency electromagnetic fields without differentiation between them. Williams & Fletcher (2010) concluded that "The fetus is most susceptible to radiation during organogenesis (2-7 weeks after conception) and in the early fetal period (8-15 weeks after conception). Noncancer health effects have not been detected at any stage of gestation after exposure to ionizing radiation of less than 0.05 Gy (5 rad). Spontaneous abortion, growth restriction, and mental retardation may occur at higher exposure levels."

The section on neighbors meters, and how smart meters are a community concern is especially relevant as policy makers decide how to proceed with solutions. Here's an excerpt of his paper:

**"A Single Smart Meter on a Neighbor's Home Can Produce RF Power Density Levels Shown to Cause Biological Effects**

For some locations in a given home, the distance to a neighbor's Smart Meter may be less than the distance to the resident's own Smart Meter. Thus, a neighbor's Smart Meter may be the principal source of radiation for some locations in the given home. The Biological Effects Chart shows that a single Smart Meter can produce RF power densities found to cause biological effects even at distances greater than 20 meters, and certainly up to 100 meters. And the number of neighbors within that range can be large. A given single-family home in a residential community may have one to eight nearest neighbors, and even more next nearest neighbors, all within 100 meters (328 feet) of a given home, and each with a Smart Meter.

The problem of exposure from the neighbors' Smart Meters becomes more serious as the distances between adjacent homes, and thus the distances between adjacent Smart Meters, get smaller. So, generally speaking, residents of townhouses will receive more radiation from their neighbors' Smart Meters than residents of single-family homes. And residents of apartments will receive even more radiation from their neighbors' Smart Meters, depending on the location of the Smart Meters in the apartment buildings.

So Smart Meters are a community concern, not just an individual concern. To resolve the problems of RF exposure for a given home, it will be necessary to address all of the Smart Meters near that home. Smart Appliances, too, contribute to this concern. While, individually, they have a lower RF power output than a Smart Meter, the Smart Appliances of neighbors can also increase the RF exposure in the given home.

Fortunately, some states have offered an individual OPT OUT from the installation of a Smart Meter. While such an OPT OUT is very helpful, and is definitely the vital first step, the data on biological effects discussed here suggest the limitations of such an OPT OUT in resolving the problem of excess radiation from

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## Oklahoma's Exemplary AMI Smart Meters Removal and Consumer Protection Bill: A Model For Other States To Follow



Ex-CIA officer shocks 101 spy secrets he le the CIA -- for FREE.

TOPICS: Catherine Frompovich Constitution

Consumer Rights Smart Meters

JANUARY 25, 2018





By Catherine J. Frompovich

*You know it just had to happen! Some scientifically-hip legislator in one of the 50 United States finally decided to introduce a bill to protect his constituents' Constitutional rights guaranteed by both state and federal Constitutions, plus delineated the factual, independent—**not consensus**—science that radiofrequencies (RFs) from AMI Smart Meters damage health and **"The OCC [Oklahoma Corporation Commission] is to understand by this legislation that they work for the consumers and citizens of the State of Oklahoma and not the utility!"***

[1]

Applause, applause, applause and many kudos to Oklahoma State House of Representatives legislator Dale Derby for introducing House Bill 2872 that would provide many legislative means of relief for utility consumers who reject AMI Smart Meters, including removal at no cost to consumers, plus many more exemplary legislative provisions sorely needed by those individuals who are compromised by and suffer with electromagnetic hypersensitivity (EHS) or idiopathic environmental intolerance (IEI).

**Oklahoma House Bill 2872** is the most comprehensive bill I've seen to date dealing with the

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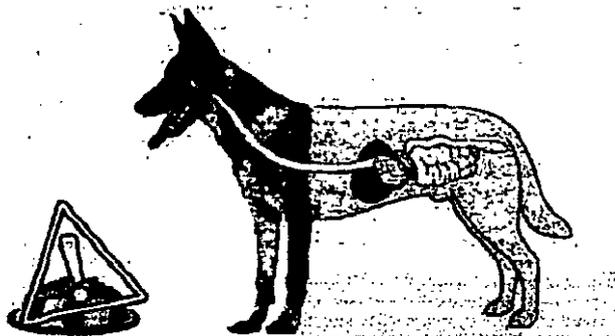
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horrendous draconian totalitarian AMI Smart Meter implementation against supposedly free people's rights and/or objections to causing them problems and/or damaged health!

The Oklahoma bill is 12 pages in length, which I encourage everyone to study and also to ask your respective states' Capitol legislators to introduce to provide the sorely-needed relief that has not been forthcoming from either harassing utility companies or lax and/or lackey state utility commissions.

The bill's language is nothing short of all encompassing, *I think*, considering the totality of issues involved. It cites independent studies confirming health harms from AMI Smart Meter radiation; defines what an electromechanical analog meter and wireless meters are, i.e., "AMR, ERT, smart, AMI and Comprehensive Advanced Metering Plan (CAMP)"; plus discusses and delineates "equivalent technology, cell phone, WiFi, Ratepayer, Opt-in, and Opt-out."



Oklahoma HB 2872 provides for the following:

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**1 - A choice of the type of utility meters to be installed and operated on their places of residence, property or business; among the choices offered shall be the installation or ongoing operation of a nontransmitting electromechanical analog meter;**

**2 - The ability to retain and operate an electromechanical analog [sic] meter on an ongoing basis at no cost; and -**

**3 - The right to replacement of a wireless meter with a nontransmitting electromechanical meter at no cost.**

**C. The utility companies in Oklahoma shall be required to obtain the ratepayer's written consent, i.e. opt-in or opt-out:**

**1 - Before installing wireless meters or equivalent technology on the ratepayer's property; and**

**2 - Before altering the functionality of said meters.**

**D. The utility companies shall provide written notice to ratepayers within ninety (90) days of the effective date of this act for the purpose of informing said ratepayers if wireless meters have been installed on their properties. [...]**

**E. Utility companies by this section of law shall be:**

**1 - Prohibited from shutting off service to a ratepayer based on the ratepayer's utility**



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usage or on the ratepayer having electromechanical analog meters;

2 - Prohibited from imposing any disincentive on a ratepayer for not consenting to the installation or use of wireless meters;

3 - Required to notify ratepayers in writing that the installation and use of wireless meters are not mandated by state or federal law and are not permitted without the ratepayer's consent;

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Additionally, the bill provides that the OCC

1. Shall establish an absolute state-wide moratorium on the deployment of smart meter AMI (advanced metering infrastructure), metering equipment that uses microwave technology to communicate information from the consumer to the utility, whether it is an electric utility or other. Such moratorium to remain in place until released by action of the State Legislature rescinding the requirements of this paragraph;
2. Shall ensure that all utility and phone service providers properly notice [sic] all customers of potential health hazards of any and all of their services and allow the customer to opt-out or modify services if desired by the customer;

How about these provisions!



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# BioInitiative 2012

## A Rationale for Biologically-based Exposure Standards for Low-Intensity Electromagnetic Radiation

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[Home](#) —

[Editors' Notes](#)

[Why We Care?](#)

[Do We Know Enough to Take Action?](#)

[How to Read this Report](#)

[What's New?](#)

[BioInitiative Report](#)

[Research Summaries](#)

[RF Color Charts](#)

[Participants](#)

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## Why We Care?

The stakes are very high.



Human beings are bioelectrical systems. Our hearts and brains are regulated by internal bioelectrical signals. Environmental exposures to artificial EMFs can interact with fundamental biological processes in the human body. In some cases, this may cause discomfort, or sleep disruption, or loss of wellbeing (impaired mental functioning and impaired metabolism) or sometimes, maybe it is a dread disease like cancer or Alzheimer's disease. It may be interfering with ones' ability to become pregnant, or carry a child to full term, or result in brain development changes that are bad for the child. It may be these exposures play a role in causing long-term impairments to normal growth and development of children, tipping the scales away from becoming productive adults. We have good evidence these exposures can damage our health, or that of children of the future who will be born to parents now immersed in wireless exposures.

In the United States, the deployment of wireless (infrastructure (cell tower sites) to support cell phone use has accelerated greatly in the last decades. The spread of cell towers in communities, often placed on pre-school, church day-care, and school campuses means that young children can have thousands of times higher RF exposures in home and school environments than existed even 20-25 years ago. CTIA estimates that in 1997 there were only 36,650 cell sites in the US; but increased rapidly to 131,350 in June 2002; 210,350 in June 2007 and 265,561 in June 2012 (CTIA, 2012). About 220,500 cell sites existed in 2008. These wireless antennas for cellular phone voice and data transmission produce whole-body RFR exposures over broad areas in communities that are an involuntary and unavoidable source of radiofrequency radiation exposure. Further, the nearly universal switch to cordless and cell phones, and away from corded landline phones means close and repetitive exposures to both EMF and RFR in the home. Other new RFR exposures that didn't exist before come from WI-FI access points (hotspots) that radiate 24/7 in cafes, stores, libraries, classrooms, on buses and trains, and from personal WI-FI enabled devices (iPads, tablets, PDAs, etc). The largest single source of community-wide, pervasive RFR yet rolled out is the 'smart meter' infrastructure. This program places a wireless device (like a mini-mobile phone base station) on the wall, replacing the electromechanical (spinning dial) meter. They are to be installed on every home and classroom (every building with an electric meter). Utilities from California to Maine have installed tens of millions already, despite health concerns of experts and enormous public resistance. The wireless meters produce spikes of pulsed radiofrequency radiation 24/7, and in typical operation, will saturates living space at levels that can be much higher than already reported to cause bioeffects and adverse health effects (utilities can only say they are compliant with outdated federal safety standards, which may or may not always be true – see <http://sage-reports.com/smart-meter-rf>). These meters, depending on where they are placed relative to occupied space in the home or classroom, can produce RFR exposure levels similar to that within the first 100 feet to 600 feet of a mobile phone base station (cell tower).

The cumulative RFR burden within any community is largely unknown. Both involuntary sources (like cell towers, smart meters and second-hand radiation from the use of wireless devices by others) plus voluntary exposures from ones' personal use of cell and cordless phones, wireless routers, electronic baby surveillance monitors, wireless security systems, wireless hearing aids, and wireless medical devices like implanted insulin pumps all add up. No one is tallying up the combined exposure levels. Billions of new RFR transmitters from

the smart meter rollout alone will raise the baseline RFR levels, and will significantly add to the existing RFR background.

Sometimes, science does not keep pace with new environmental exposures that are by-products of useful things we want to buy and use in society. So, the deployment runs ahead of knowledge of health risks. It is an old story. This is the case for EMF and RFR, and this Report underscores the critical need to face difficult questions, make mid-course corrections, and try to repair the damage already done in this generation, and to think about protecting future generations.

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# BioInitiative 2012

## A Rationale for Biologically-based Exposure Standards for Low-Intensity Electromagnetic Radiation

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[Search](#)

[Home](#)

[Editors' Notes](#)

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[Do We Know Enough to Take  
Action?](#)

[How to Read this Report](#)

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## Do We Know Enough to Take Action?

**There is more evidence than we need.**

The last five years worth of new scientific studies tell us the situation is much worse than in 2007 and yet people around the world have so much more daily exposure than even five years ago. Exposures are linked to a variety of adverse health outcomes that may have significant public health consequences. When added across billions of people world-wide, no argument for the status quo can be persuasive now.

In twenty-one technical chapters of this 2012 update, the contributing authors discuss the content and implications of about 1800 new studies. Overall, there is reinforced scientific evidence of risk where there is chronic exposure to low-intensity electromagnetic fields and to wireless technologies (radiofrequency radiation including microwave radiation).

There is more evidence in 2012 that such exposures damage DNA, interfere with DNA repair, evidence of toxicity to the human genome (genes), more worrisome effects on the nervous system (neurology) and more and better studies on the effects of mobile phone base stations (wireless antenna facilities or cell towers) that report lower RFR levels over time can result in adverse health impacts. There has been a big increase in the number of studies looking at the effects of cell phones (on the belt, or in the pocket of men radiating only on standby mode) and from wireless laptops on impacts to sperm quality and motility; and sperm death (fertility and reproduction).

In other new studies of the fetus, infant and young child, and child-in-school - there are a dozen or more new studies of importance.

The 2007 BioInitiative Report was prepared by world-recognized experts in science and public health policy. Outside reviewers also contributed valuable content and perspective. It was concluded even in 2007 that existing public safety limits were inadequate to protect public health, and agreed that new, biologically-based public safety limits were needed five years ago. The public health cost of doing nothing was judged to be unacceptable in 2007. This did nothing to change the rules, nor roll back the technology tsunami of wireless-everywhere.

The levels of exposure we face in 2012 are higher, and have crept into every day life, even for children. The levels at which undesirable effects on health and well-being are seen is much lower. The levels of concern at have dropped lower in 2012 by 10s to 100s of times. There is much greater involuntary exposure, and it is nearly unavoidable even for people who choose not to 'go wireless' (second-hand radiation effects). Safe forms of communication by land-line telephone are being phased out without general public knowledge or agreement. There is no informed consent for consumers (warning labels on cell phones, for example, have been defeated by telecom industry lobby groups). It is still difficult or impossible for a consumer to get reliable information on levels of exposure from wireless devices, it is simply beyond the reach of people to identify where excessively high levels of exposure occur in their communities, and it is very rare for a county or state health department to accommodate requests for information or provide measurements.

Today the evidence is stronger than ever and it may be placing people at risk, but most people has no idea. There is little indication that cell phone users (whose numbers have risen from roughly 2 billion in 2006 to 6 billion users globally in 2012) are aware of the risks. In that time, whole-body exposures from other RFR sources like WI-FI, WI-MAX, smart grids using wireless utility meters, and vast commercial applications of wireless RFR (in commerce, transportation, in banking, in surveillance and monitoring, in medical imaging and ironically in health care record-keeping and learning environments for education - all these new applications of wireless over wired communications and data transmission add to the RFR saturation in cities.

Wireless laptops and wireless Internet in schools, and home offices and for homework mean even more chronic exposures to RFR, a designated IARC 2B Possible Human Carcinogen (May 31, 2011).

The range of possible health effects that are adverse with chronic exposures has broadened. The most serious health endpoints that have been reported to be associated with extremely low frequency (ELF) and/or radiofrequency radiation (RFR) include childhood and adult leukemia, childhood and adult brain tumors, and increased risk of the neurodegenerative diseases, Alzheimer's and amyotrophic lateral sclerosis (ALS). Recent studies largely reinforce the potential risks to health (rather than reducing our concerns, or providing actual indications of safety). In addition, there are reports of increased risk of breast cancer in both men and women, genotoxic effects (DNA damage, chromatin condensation, micronucleation, impaired repair of DNA damage in human stem cells), pathological leakage of the blood-brain barrier, altered immune function including increased allergic and inflammatory responses, miscarriage and some cardiovascular effects. Insomnia (sleep disruption) is reported in studies of people living in very low-intensity RFR environments with Wi-Fi and cell tower-level exposures. Short-term effects on cognition, memory and learning, behavior, reaction time, attention and concentration, and altered brainwave activity (altered EEG) are also reported in the scientific literature. Biophysical mechanisms that may account for such effects can be found in various articles and reviews.

We could do otherwise. Each wireless need had a wired solution in counterpart that has none of the health effects that wireless RFR does, with the exception of cell phone use for talking directly to someone. It is time to re-think the wireless tsunami and educate people about health, privacy and security risks. It is past time to develop new safety standards. It is necessary now to look to less harmful ways to communicate, move ourselves from place to place, shop, sleep, recreate, save energy, and educate our children in school. It is time to rethink our global commerce, energy, banking, transportation and communications infrastructures so we are all committed to sustaining healthy living spaces and conserve safe sanctuary for all species on earth.

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### Smart Meters Radiate into Both the Air and into Electrical Wiring

Thus far the discussion has focused on how smart meters broadcast intense bursts of microwave radiation into the air. These bursts of electromagnetic radiation contain information that is sent to other smart meters and to utility company routers, which pass it on to the utility provider. Utility company routers broadcast bursts of microwave radiation thousands of times per hour. However, there is another, even darker, side to these devices.

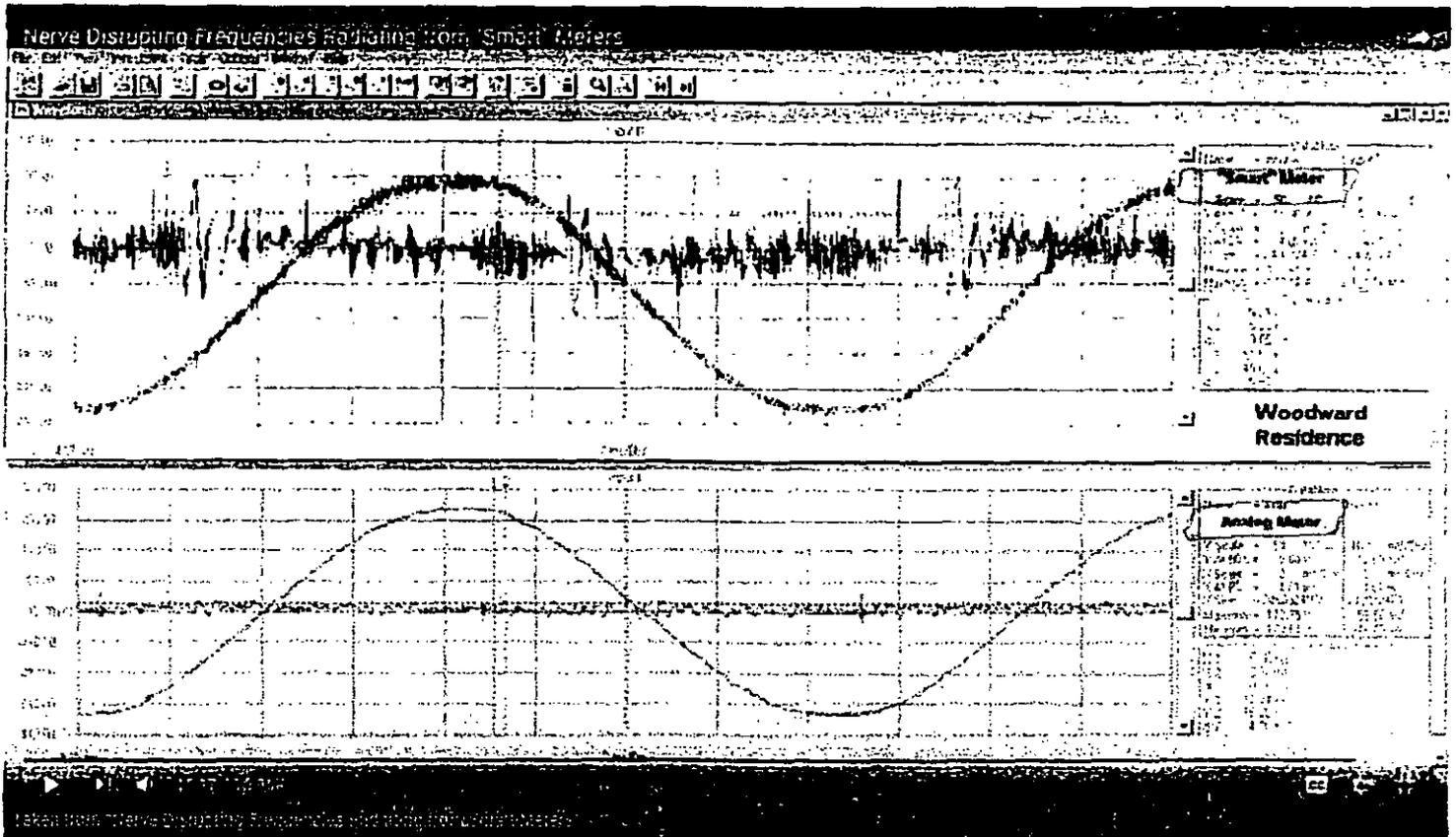
Smart meters also add other frequencies of electromagnetic radiation to the electric wiring of buildings. This radiation is in the 2 kilohertz to 50 kilohertz frequency band. Radiation of this type has been studied by scientists and physicians for its ability to alter cellular activity. [13]

For example, researchers are trying to use kilohertz frequencies in this radiation band as a form of anesthetic. If they are able to block the experience of pain by administering kilohertz frequencies to a patient, then it would be unnecessary to use anesthetics. [14, 15, 16, 17, 18, 19, 20, 21, 22, 23]

We must wonder why the frequencies used in medical research to block nerve activity are also being added to electrical wiring by smart meters. Is it coincidence?

The insertion of these kilohertz frequencies by smart meters into household wiring radiates into the environment as much as 6 to 8 feet from electric wires. This means that in a typical home, it is impossible to remove oneself from their effects.

The following picture compares the electrical signal that comes through the old-fashioned analog electrical meter to the electrical signal coming through a smart meter. The smart meter adds a large number of kilohertz frequencies to the standard 60 Hz frequency that is normally present in household wiring.



You may wish to watch the above video to see the actual experiment that compared the performance of analog meters and smart meters, and how smart meters produce "dirty electricity."

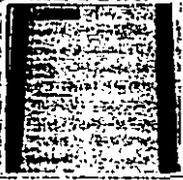


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### Is Smart Meter Radiation Worse Than Cell Phone Radiation?

Daniel Hirsch, a lecturer and expert in nuclear policy at University of California, Santa Cruz (UCSC), has written a report that reveals smart meters emit 160 times more cumulative whole body exposure than cell phones. He states that

*"the cumulative whole body exposure from a Smart Meter at 3 feet appears to be approximately two orders of magnitude higher than that of a cell phone, rather than two orders of magnitude lower."*



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Exposure

The big difference between smart meter radiation and cell phone radiation is that having a cell phone or not is a matter of personal choice. If you don't want a cell phone you don't buy one. Smart meters, on the other hand, are being forced on populations around the globe.



Is The  
Trifield  
100XE  
The Best  
EMF

Meter?

If you are suffering from insomnia, dizziness, headaches, high blood pressure, heart palpitations, memory loss, lack of energy, tinnitus (ringing in ears) and lack of concentration, it could be the direct result of the smart meter that's installed in your home.

### 2 Minutes Exposure To Smart Meter Radiation Changes Your Blood

At a distance of 1 foot from the smart meter, with just 2 minutes exposure time, the difference in blood samples between people that have been exposed to smart meter radiation and those that haven't been exposed is remarkable.

See [this video](#).



Cordless  
Phones:  
Even  
More

Dangerous Than Cell  
Phones?

Smart meters are not optional, and utilities are installing them even when occupants don't want them.

### What's The Difference Between Smart Meters And Conventional Meters?



EMFs in  
Your  
Home -  
My  
Protection

Tips

1. Typically smart meters send information back to the utility company via a wireless signal. Instead of having a utility meter man (or woman) come to your home and manually do the monthly electric or water service reading, the reading is sent wirelessly. But it can also be sent via powerline networking which creates another form of EMF pollution as I will explain below.

2. Unlike the older analog meters that have a spinning dial smart meters usually have a digital display. I say 'usually' because appearances can be deceptive.

### Warning Some Smart Meters Are Disguised As Analog Meters

- Nausea
- Difficulty concentrating
- Depression
- Anxiety
- Memory Loss

- Tremors
- Muscle spasms
- Tingling
- Altered reflexes
- Muscle & joint pain

- Pressure in/burning the eyes
- Deteriorating vision
- Cataracts

**Heart**

- Palpitations
- Arrhythmia
- Chest pain
- Low blood pressure

**Respiratory**

- Sinusitis
- Bronchitis
- Asthma
- Pneumonia

**Skin**

**Others**

- Digestive problems

**Smart meters: countdown to a national crisis of illness and death**

Electric utility companies are in the process of installing smart meters at all of their customer locations, which are making thousands of their customers sick. These meters emit microwave radiation in the 900+ megahertz frequency band, which is known to cause weakness, fatigue, sleep disturbances, heart palpitations, ringing in the ears, pain, and immune system disruption. These smart meters broadcast intense bursts of microwave radiation through the air many times per minute, 24-hours a day. [1, 2, 3, 4]

Smart meters also add high frequency electromagnetic radiation in the kilohertz frequency band to the electrical wiring of every building where they are attached. This electromagnetic radiation is also harmful. It turns the electric wiring in buildings into giant antennas that fill the interior spaces with radiation frequencies that are known to alter human biological functioning. These same frequencies are used in medical research to block the activity of nerves. [5]

The nationwide installation of smart meters is like a time bomb ticking, because the harmful effects are cumulative it can take 5 or 10 years of exposure to evoke a life-threatening illness.

At some point, it will not be thousands who suffer from electromagnetic radiation sickness, but there will be an explosion of illness. There will be millions of people who are experiencing chronic disability and fatal illness from exposure that spanned many decades. [6]

The current epidemics of cancer, heart disease, diabetes and even autism will intensify until very few of us will be able to escape these devastating illnesses. Others will suffer for decades with chronic fatigue, unexplained anxiety, and attention deficits until a life-threatening illness makes its ugly appearance.

It is true that the majority of people feel nothing when exposed to electromagnetic radiation such as microwave transmissions from smart meters and cell phones. Even if people can't identify reactions to this exposure, proteins within their cells are being permanently altered. [7]

At present, very few healthcare providers in the conventional medical system consider electromagnetic exposure to be causative for the diseases they treat. They are either unaware of the scientific research on electromagnetic radiation and illness or they are skeptics who don't believe that unseen and unfelt electromagnetic radiation can have an effect upon the bodies and minds of their patients.

Most continue to use pharmaceuticals designed to eliminate acute symptoms, when their patients are actually suffering from chronic illnesses linked to electromagnetic radiation exposure, which can only be fixed by reducing exposure.

It is estimated that 80% of modern chronic illnesses are caused by or influenced by long-term exposure to sources of electromagnetic radiation such as cell phones, cell towers, Wi-Fi routers, baby monitors, cordless phone base stations, Bluetooth devices, smart meters, and dozens of other wireless devices that are used every day by Americans.

By far, smart meters are the worst offenders in this list. The combined electromagnetic radiation from these devices is evoking modern illnesses because these levels of exposure have never been experienced by