

Melnykovich, Andrew (PSC)

From: Melnykovich, Andrew (PSC)
Sent: Saturday, February 08, 2014 10:34 PM
To: song bird
Subject: RE: Plant Damage Caused by Smart Meters

Ms. Holloway_

I will add this information to your comments in case 2012-00428. The documents you submitted and this reply with the link below will be consolidated into a single pdf file, which will make it easier for others to access the material.

Andrew Melnykovich
PIO KY PSC

From: song bird [REDACTED]
Sent: Friday, February 07, 2014 7:03 PM
Subject: Plant Damage Caused by Smart Meters

RECEIVED

By Kentucky Public Service Commission at 1:35 pm, Feb 12, 2014

Dear Mr. Melnykovich,

Please add this to Case 2012-00428

Thank-you

<http://stopsmartmeters.org/2011/10/27/dutch-research-on-wireless-tree-damage-backs-up-smart-meter-plant-harm-observations/>

<http://www.mnn.com/health/healthy-spaces/blogs/student-science-experiment-finds-plants-wont-grow-near-wi-fi-router>

Student science experiment finds plants won't grow near Wi-Fi router

Ninth-graders design science experiment to test the effect of cellphone radiation on plants. The results may surprise you.

Thu, May 23, 2013 at 12:40 PM

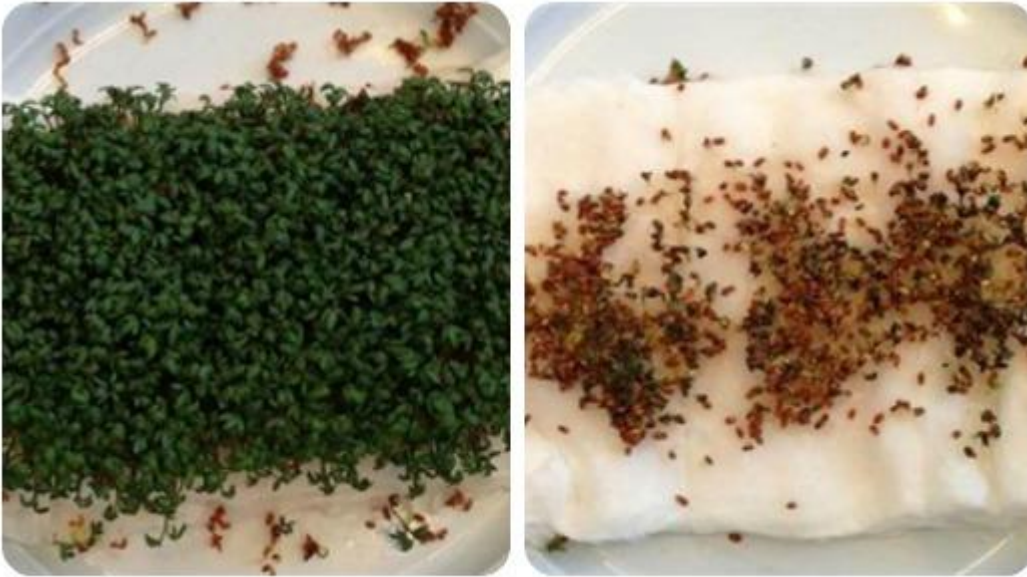


Photo courtesy of Kim Horsevad, teacher at Hjallerup Skole in Denmark.

Five ninth-grade young women from Denmark recently created a science experiment that is causing a stir in the scientific community.

It started with an observation and a question. The girls noticed that if they slept with their mobile phones near their heads at night, they often had difficulty concentrating at school the next day. They wanted to test the effect of a [cellphone's radiation on humans](#), but their school, Hjallerup School in Denmark, did not have the equipment to handle such an experiment. So the girls designed an experiment that would test the effect of cellphone radiation on a plant instead. The students placed six trays filled with *Lepidium sativum*, a type of garden cress, into a room without radiation, and six trays of the seeds into another room next to two routers that according to the girls' calculations, emitted about the same type of radiation as an ordinary cellphone. Over the next 12 days, the girls observed, measured, weighed and photographed their results. By the end of the experiment the results were blatantly obvious — the cress seeds placed near the router had not grown. Many of them were completely dead. Meanwhile, the cress seeds planted in the other room, away from the routers, thrived.

The experiment earned the girls (pictured below) top honors in a regional science competition and the interest of scientists around the world.



According to Kim Horsevad, a teacher at Hjallerup Skole in Denmark where the cress experiment took place, a neuroscience professor at the Karolinska Institute in Sweden, is interested in repeating the experiment in a controlled professional scientific environment.

<http://smartgridawareness.org/2014/01/18/symptoms-from-exposure-to-smart-meters/>

Symptoms Resulting from Exposure to Smart Meters

Posted on [January 18, 2014](#) by [SkyVision Solutions](#)

This posting represents a “re-blog” of a posting from the “[Maryland Smart Meter Awareness](#)” website, plus some added remarks based upon content of the referenced testimony about a smart meter health effects [survey](#).

[Symptoms](#) Resulting from Exposure to Radiofrequency/Microwave Radiation from Smart Meters; by Ronald M. Powell, PhD [1], January 13, 2014

In February 2013, the expert testimony [2] of Richard H. Conrad, PhD [3], and many other experts worldwide, was submitted to the Maine Public Utilities Commission when the Commission was considering the future of Smart Meters in that state. Dr. Conrad reported the results of a survey of 210 individuals who had experienced symptoms resulting from exposure to Smart Meters.

[As described in the expert testimony, a “Smart Meter Health Effects Survey” was conducted by Dr. Richard H. Conrad. The purpose of the survey “was to develop reliable data much more solid than ordinary anecdotal evidence, about possible smart meter health effects, and their time-line ...”

According to Dr. Conrad, “the survey results provide very strong evidence that smart meters are causing painful and debilitating new symptoms in many previously normal healthy people, and causing them to become electrically sensitive to a whole range of electronic devices including Wi-Fi, cell phones and computers. *Because of exposure to smart meters, people are becoming electrically sensitive at an unprecedented rate. ...*”]

What the survey does and does not tell us

The survey does not address the frequency of occurrence of symptoms in the general population when exposed to Smart Meters. So the survey does not tell us how likely it is that a person in the general population will experience symptoms after exposure to Smart Meters. But the survey does tell us what types of symptoms *are* being experienced by those who *do become* symptomatic after exposure to Smart Meters.

Individuals who reported previous symptoms that worsened to severe

Appendix 2 of Dr. Conrad’s report shows the number of persons, out of the 210, who reported

“... previous symptoms that worsened to severe intensity (from either mild or moderate intensity) following smart meter exposure. [4]

A copy of Appendix 2 is below.

Individuals who reported new symptoms

Appendix 3 of Dr. Conrad's report shows the number of individuals, out of the 210, who reported symptoms that were new, that is,

“... symptoms suffered for the first time in their lives, symptoms they had never experienced before smart meters [5]

and that were either severe or moderate in intensity after exposure to Smart Meters. A copy of Appendix 3 is also below.

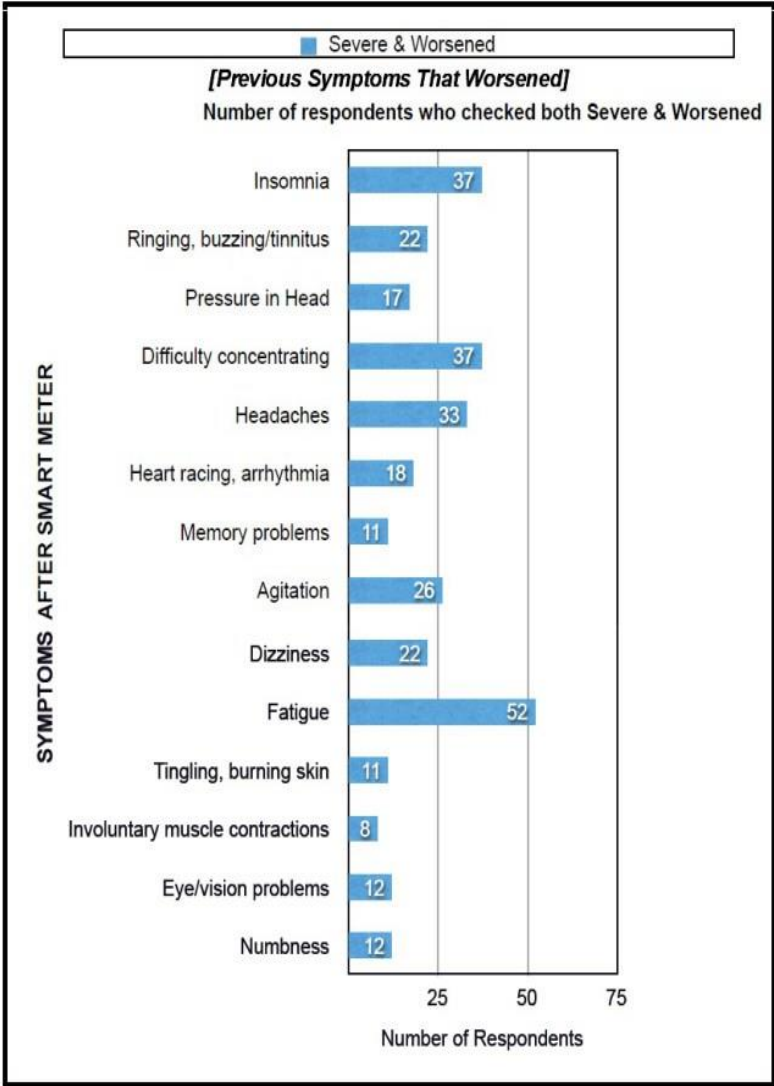
Causality

Because the symptoms in both Appendix 2 and Appendix 3 can have causes other than exposure to Smart Meters, the survey included an extensive list of questions designed to determine whether Smart Meters were the cause. Only individuals whose answers were persuasive of a causal connection were included in the survey results.

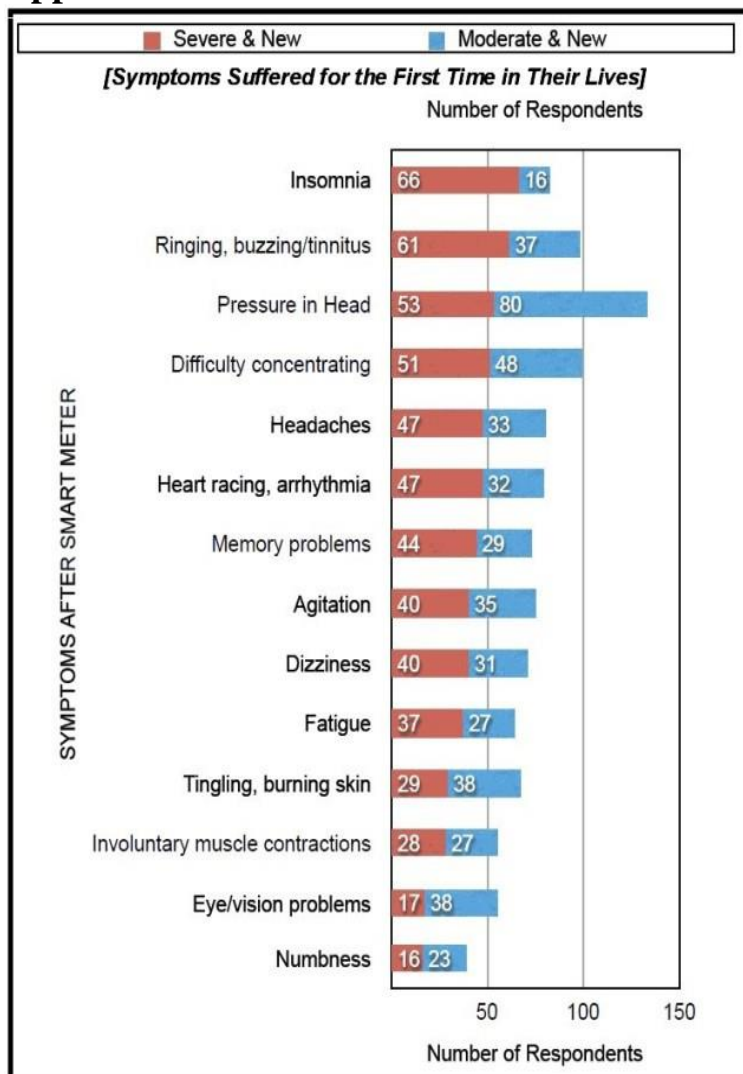
Symptoms versus biological effects more broadly

Symptoms, as that term is used here, are biological effects that can be sensed. But an absence of symptoms does not mean an absence of biological effects. Many of the biological effects associated with radiofrequency/microwave radiation either cannot be sensed at all, such as a loss of [male fertility](#), or cannot be sensed until an advanced state of disease has been reached, such as cancer. A broad range of biological effects, both those that can be sensed and those that cannot be sensed, have been researched extensively by the international biomedical research community. The findings are described in detail in two comprehensive reviews of the resulting published research literature. [6,7]

Appendix 2



Appendix 3



Ronald M. Powell holds a Ph.D. in Applied Physics from Harvard University and has worked for the Executive Office of the President, the National Science Foundation, and the National Institute of Standards and Technology.

[Pre-Filed Testimony](#) of Richard H. Conrad, Ph.D., Appendix 2 for worsened symptoms and Appendix 3 for new symptoms. This 198 page [testimony] documents the survey design and results in detail.

Richard H. Conrad holds a Ph.D. in Biochemistry from Johns Hopkins University and did postdoctoral research at the Institute of Molecular Biophysics of Florida State University and in the Department of Biochemistry of Cornell University.

See [reference 2 above], Exhibit D, page 3.

See [reference 2 above], Exhibit D, page 3.

BioInitiative Working Group, Cindy Sage and David O. Carpenter, Editors, BioInitiative Report: A Rationale for Biologically based Public Exposure Standards for Electromagnetic Radiation, December 31, 2012 (<http://www.bioinitiative.org>). This review of the biological effects of electromagnetic fields is 1479 pages long and considered the findings of about 1800 publications.

Paul Dart, MD, Kathleen Cordes, MD, Andrew Elliott, ND, James Knackstedt, MD, Joseph Morgan, MD, Pamela Wible, MD, and Stephen Baker (technical advisor), Biological and Health Effects of Microwave Radio Frequency Transmissions, A Review of the Research Literature, A Report to the Staff And Directors of the Eugene Water And Electric Board, June 4, 2013 (<http://apps.fcc.gov/ecfs/comment/view?id=6017465430>). This review is 74 pages long and references the findings of 279 publications. Also included on this web site are six files containing viewgraphs of a presentation given to the Eugene Water and Electric Board on this subject.

See Complete File with all Documents

<http://stlouis.cbslocal.com/2012/02/06/garage-door-openers-stop-working-on-entire-missouri-block/>

Garage Door Openers Stop Working On Entire Missouri Block

February 6, 2012 7:59 AM

ST. CHARLES, Mo. (AP/KMOX) — It's a puzzling phenomenon: On one street in St. Charles County, [garage door openers](#) have stopped working.

The St. Louis Post-Dispatch reports that no one knows what exactly is going on at Westhampton View Court. The garage door openers at all five homes on the court stopped working shortly after Christmas.

"It's a weird, weird thing," Joe Sullivan told the Post-Dispatch. "And the timing for it all to go haywire for everybody at the same time can't be coincidence, right?"

Garage [door companies](#) say interference problems are common at individual homes — they blame what is known as "frequency pollution." But experts say having the issue extend to multiple homes is just plain weird.

"There is so much radio frequency pollution now," Butch Martin, owner of Martin Door Co., told the paper. "Everything is wireless, and the more wireless stuff we get, the bigger the problem is going to get."

The Post-Dispatch reports that the Westhampton View Court residents filed complaints with the Federal Communications Commission over the issue. There is no word on how long it will take the FCC to conduct an investigation.

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<https://www.securityweek.com/smart-meters-interfering-home-electronics>

Smart Meters Interfering With Home Electronics

By [Robert Vamosi](#) on November 23, 2011

About 200 customers of the Central Maine Power Company recently noticed something odd after the utility installed [smart meters](#) in their homes: in some cases other wireless devices stopped working, or behaved erratically.

The 425,000 installed smart meters all broadcast in the 2.4GHz frequency range. Unfortunately, so do many of the consumer gadgets we take for granted these days including routers, electric garage doors, fire alarms, clocks, electric pet fences, answering machines, and baby monitors.

"We have asked CMP to do a better job informing customers about these potential problems, and while CMP's website does refer to the issue, we don't think it goes far enough," said Maine's Public Advocate Richard Davies in an [online statement](#). "My agency is troubled by the possibility that people may be spending their time and money fixing a problem that may be caused by CMP's meters, and that can and should be fixed by CMP."

The utility's [Web site](#) does include a FAQ addressing interference. Their recommendations are to change the location of the affected electronic device or the channel used by the device. In the case of garage door openers, physically relocating the garage is not an option. In the case of baby monitors, there is often only one frequency choice.

The electromagnetic congestion in the home is in some ways similar to the growing electronic congestion in hospitals as they acquire more and more electronic monitors all operating within a few feet of each other. Medical equipment has been known to shut down or give erroneous results when positioned close to another piece of equipment. Such interference is not new, just getting worse--rapidly.

As early as the 1940s, there was [electromagnetic interference](#) within the home. Radios and TVs broadcast at various frequencies but they were configured to co-exist. The electric vacuum cleaner was not. Nor the electric hair dryer. The worst offender, however, was perhaps the microwave oven, which, even in the 1940s, bombarded food with radio waves at or near the 2.4GHz range. Sensing there would be more congestion in the future, organizations worked to protect radio and TV, while carving out blocks that can be later used for consumer gadgets.

The International Telecommunication Union Radiocommunication sector (ITU-R) has since defined whole blocks of frequencies as unlicensed and generally available for Industrial, Scientific, and Medical use. And for a while, it seemed that there would be enough of these to last. While 900MHz and 5 GHz are also unlicensed options, 2.4GHz remains the most popular, offering the strongest signal strength over the broadest area without an unwieldy antenna. Hence most wireless gadgets in the home today broadcast at or near this frequency, including Bluetooth gadgets. That's why you see FCC ratings on blenders.

So the trouble with the smart meters is at least understandable. Ideally, smart meters will one day communicate with your washing machine, dishwasher, refrigerator, and other energy intensive devices, allowing you to control energy usage, and potentially off-

loading use to times when energy is cheap.

However, if the Bluetooth stereo component or the wireless router gets in the way, those energy readings could be wonky, and perhaps the energy savings as well.

If a device can't be moved, perhaps it will allow you to change the channel being used.

Most devices today default to channel six, but channels one and eleven are also viable options—at least for routers. I recently upgraded the plumbing in my house and found all my laptops no longer connected with the router. The reason? The copper tubing changed the local interference pattern among all my electronic gadgets. But once I changed the router's channel, I was back in business.

Given that we can't change the smart meters ourselves, it looks like consumers will have to get good at fixing their own electronic issues once their home becomes "metered."

<http://emfsafetynetwork.org/smart-meters/smart-meter-health-complaints/>

Smart Meter Health Complaints (Smart Phones, Smart Cars and any and all products connected to the smart grid cause these problems. Meters on your home turn your home into a microwave!)

Utility customers have reported new or worsening health problems since the utility smart meter system has been installed on their home or in their neighborhood. Symptoms reported include:

- Sleep problems (insomnia, difficulty falling asleep, night waking, nightmares)
- Stress, agitation, anxiety, irritability
- Headaches, sharp pain or pressure in the head
- Personality Changes
- Hearing voices, or suggestions in your head that aren't yours
- Ringing in the ears, ear pain, high pitched ringing
- Concentration, memory or learning problems
- Fatigue, muscle or physical weakness
- Disorientation, dizziness, or balance problems
- Eye problems, including eye pain, pressure in the eyes,
- Cardiac symptoms, heart palpitations, heart arrhythmias, chest pain
- Leg cramps, or neuropathy
- Arthritis, body pain, sharp, stabbing pains
- Nausea, flu-like symptoms
- Sinus problems, nose bleeds
- Respiratory problems, cough, asthma
- Skin rashes, facial flushing
- Urinary problems
- Endocrine disorders, thyroid problems, diabetes
- High blood pressure
- Changes in menstrual cycle
- Hyperactivity or changes in children's behavior
- Seizures
- Recurrence of cancer

EMF Safety Network Health Survey results

Here's what people are saying:

8/13/2013 Hello, I live in an upstairs apartment, in Turlock, CA. I have been feeling sick since they installed 16 smart meters on a panel 6 feet away from my building. I have developed respiratory problems and insomnia and anxiety and pressure in my head. They have checked me for physical problems and Dr. says there is nothing wrong with me and they keep prescribing me anxiety meds to help me sleep at night that are messing with my heart and my head.

In a desperate attempt to figure out what is wrong with me, I came across a website that revealed a possibility that I may be exposed to the smart meter radiation. My husband has also developed asthma, coughing, bloody nose headaches.

Since then I have left my home and have been getting sicker because I cannot find anyone that believes me. Can you please help me find out how to even test for the exposure in my body?

If I stay away from the meters are my symptoms reversible mainly the insomnia and the anxiety. I have never experienced such a thing before. I am exhausted and I cannot find a doctor to help me. Most doctors are oblivious to what I am suggesting.

8/2013 I've been doing my own research for 8 months now, and have definitely concluded that Smart Meters are causing this horrible humming noise in my home. It is ruining my life and is violating my rights as a human being. I noticed it in the rental house I was living in for 7 months. I went to my parent's house to see if I heard it there and sure enough I did. I finally moved to the country in Sonoma County and it's horrible here too. Each place has Smart Meters. It's not like a normal sound from a refrigerator, etc. It's a low frequency humming sound that actually hurts my ears. I can't get to sleep and have had to run a fan or some noise to try to drown it out. But, since it vibrates in my ear, that is hard to do. I've gone online and millions are complaining of this humming noise. This is INSANE! If you do the research, you will find out how harmful these meters are. What are they going to do to our children, who are sleeping in the rooms

where they are connected? PGE lied to us, sneaked into our homes to put these in, have not done proper testing, and are causing health problems to millions. Some counties in CA have banned them and I really hope it continues. I will have to ask my landlord if he is willing to opt out, and I will pay whatever to get peace again. This is torture. And yes, there are electrosensitive people out there for the person who said there aren't. Ignorance! Cell phones even hurt my ears. They have even linked heavy cell phone usage to brain tumors. Wake up everyone! It's time to stand up to this bullshit.

2013 We had a Smart Meter installed on our home. I got sick and two weeks ago had a mini-stroke. We took the meter off our home after sending Central Hudson (our utility company) several sets of documents – detailing my illness and then my hospitalization – and they did nothing and did not even respond to our requests. After my stroke, we ordered an analog meter online and replaced their radiating meter. We video taped it and sent their meter back to them with a letter, along with all the other correspondence we had sent (return receipt and notarized).

The following Monday the electric company came to our home, with no notice nor explanation, and physically, right in front of me, cut our electric lines with a huge pair of clippers! — New York

5/2013 My family recently moved into a new home which has 4 smart meters, we had wifi also initially. I began feeling ill: symptoms included a sensation of electricity coursing through my body, headaches, my blood pressure soared, the sensation of my brain feeling like it was being squeezed, and a sensation of burning on my skin and eyes. I could not find relief anywhere in my home. The symptoms of my three sons are less than my own and more vague: headache, “feeling sick upon waking”, feeling a jolt type feeling sometimes.

I have purchased an RF meter but, even after much reading, still don't understand the subject very well. I do know that my meter indicated that there are strong fields all over my home and very strong pulse points in four corners of my home from the smart meters. There is literally no place in my house that does not show high RF levels. I can't escape from this feeling anywhere in my home and I even experience it where ever wifi is being used and even just near people using cell phones and near cell towers.

The effects that I feel from this exposure take a long to to subside even when I go to my father in laws where the meter shows no high levels of RF. I feel much, much better there but still have burning sensations on a much lower level. I have only been away from my home for about 12 hours now and can feel the symptoms greatly reduced.

I am afraid I am being caused permanent damage and most importantly that my young sons may be receiving damage from this exposure. They are only 7,7 (twins), and 10 years old. I am turning to you all for help because I am certain that I will not receive much help from the authorities. My own family cannot understand what is happening to me and to, I fear, my children. I am not crazy or imagining my symptoms. I hold a MA in Social Work, have a BA in psychology, have been employed in a professional setting for many years prior to the birth of my children. – Anon, Indiana, U.S.

4/29/2013 I am a 31 year old Female and I reside in Plantation, FL. I would say I started to notice major health concerns since the FPL Smart meter was put beside our bedroom window and it did me in. It gradually kept giving me headaches. Also, I have permanent retainers from wearing braces, behind my bottom and top teeth. Anytime a wi-fi or cell signal passes me I get a metal taste in my mouth. My Smart Meter peak occurred when I was in a deep sleep around 6:00am and was awoken to massive pressure in my head. It felt like my brain was on fire and it wanted to explode all at the same time. I woke up frantically screaming . I was holding my head and I had my husband scared. I hurried out of the bedroom still holding my head.

We were up all morning trying to figure out what it was. I felt as if my brain had burned. I knew it was from the Smart Meter because I was feeling it a little more each day. I called to have the Smart meter removed. For the rest of the week I felt the left side of my head and face numb. I couldn't speak properly or concentrate. Since then I have not been the same. I have a very difficult time concentrating. The newest thing that is occurring is that I feel my skin burning. I feel the top of my head burning as well.

Since the whole Smart meter incident we have removed our home wi-fi and we put our cell phones on airplane mode. What is killing me though is that our entire community not only has Smart Meters but our association just made a deal with AT&T and every house has U-verse. Each house has a wireless modem which transmits wi-fi and television. Even though we had our wi-fi turned off from the modem we also had the company run all the cable lines through the attic to the rooms for television. Our houses are so close

together that our house gets both of our neighbors signals from each side.

2013/ I am the proud parent of six, of the six children we have four children who are under the age of six. In July of last year the LADWP placed on our home a RF meter, the RF meter was placed on the back of our home which is directly located about 25 to 30 feet away from the LADWP power pole that is located on our property. In July of last year our children started to exhibit health symptoms and health signs that alarmed myself and my husband. The children began to have fevers out of no where, essentially their bodies were boiling and their fevers would go from 101 to 104 and sometimes to 105. My husband is a Clinical Partner at Cedar Sinai Hospital in the ICU so he is versed in the area of taking care of patients in extreme health decline, but he was not prepared to handle the weekly and monthly bouts that our smaller children began to have. Our children also began to have problems with the inability to control their bodily fluids, our five year old began peeing and pooping herself, our four year began to display the same problems, soon many of the smaller children were all displaying these symptoms and concerns. The children became depressed, and essentially we began to realize that our children were not the children who we cared for prior to the RF meter being placed on our property. We were the only family in our area to have this new meter so we do not have a frame of reference in our community to measure the health side effects against. Please help us, we are good honest people who have suffered for the past few months trying to put the pieces of this puzzle together.

[Admin's note: The mother wrote that after the Smart Meter was removed in January the children's symptoms "diminished greatly, they no longer get high fevers, or suffer from loss of their bodily function." Meanwhile LADWP has terminated their power.]

West Kelowna man claims Smart Meters are killing him "...an Okanagan man claims the meters may be interfering with an important medical device – his pacemaker. Jerry Smith, 70, of West Kelowna is partially paralyzed as a result of the 10 strokes he's had since last August...."

I am an engineer. I have used technology my entire adult life – cell phones, smart phones, wi-fi, laptops, you name it. I really enjoyed all of this and had no issues or fears related to technology. Then, when a bank of smart meters were put next to our apartment, both my wife and I starting experiencing headaches, insomnia, heart palpitations and tinnitus. Within a couple weeks, I could no longer use a cell phone without the same symptoms. Within a month I could feel the microwave radiation from cell towers. I have had to completely change my life because of this. Jeromy [Testimony Jeromy submitted to the CPUC]

"Is there a list of safe communities with no smart meters? Our whole family is being sickened by the smart meters around us and we need to find a place to live quickly."

"We are just miserable here. We can't sleep at night, are dizzy, have headaches, ear pain, and more. We also own our home so it is not easy to just pick up and get away from the smart meters." CA. 2013

Sick with palpitations, chest pain, insomnia, dizziness...

I managed to have smart meter installation delayed at my house, but suddenly became sick overnight with palpitations, chest pain, insomnia, dizziness, inability to concentrate and memory loss and fainting spells. AFTER becoming sick I found out that the day I became suddenly sick was the day the smart meter roll-out was completed in my area and the smart meters were remotely turned on from base.

I can no longer drive, I can't work (I'm a doctor), I have to go and sleep at my mother in law's place (there are no smart meters there yet).

My life is completely ruined and the energy companies and members of Victorian Parliament completely ignore me. Two doctors have confirmed my disability is entirely due to my sensitivity to smart meters' radio transmission and I am 100% sure of that as I can always tell accurately if I am in a smart metered area or not.

We are now planning to move to South Australia to survive. What is happening in Victoria is a complete breakdown of democracy and an affront to social justice of enormous proportions and implications.

What if this is happening to an old lady living alone? Where can she go? We are all morally obliged to

Speak up and do something about it, if not for ourselves, for the vulnerable amongst us that, if affected, could not do anything about it. Posted on Stop Smart Meters Australia

I had no idea that a smart meter would pose a hazard to my health when I agreed to let them install one on my home. Shortly after the smart meter was installed my health took a terrible downturn. I began having heart palpitations, trouble sleeping, unexplained anxiety attacks, dizzy spells, nausea and fatigue. I have been battling anxiety for months and I had no idea why. I've never had these types of symptoms plague me like this before. Then I found out that so many others have had the same reactions to smart meters in their homes and neighborhoods. Smart meters need to be outlawed and all of them must be removed at once. There are enough toxins in our food and the environment without this happening too. I hope I am able to get mine removed, but from what I've read Southern California Edison isn't cooperating. H.M. Orange CA

Since the new Smart Meter has been installed my wife has had a ringing in her ears. The only time she has this is in our home. Outside of the house she does not have the problem. J. F. Sacramento CA

I was not asked permission to have the Smart Meter installed. In fact, when your representative/installer came to my door informing me he would be installing the meter, I specifically told him that I did not want it installed. He told me that I didn't have a choice in the matter.

I am plagued with various health issues because of the Smart Meters, such as insomnia, constant headaches, blurred vision and ringing in my ears, and other various aches and pains. I understand that others are suffering from various health issues throughout the state and country as well. I do not want this device on my home or in my neighborhood. I want the old analog meter re-installed. I also do not want the new digital meter installed. I specifically want the old analog back which worked just fine. I want this Smart Meter removed now! A.S. Bakersfield CA

For the past year, I have been suffering health effects due to the installation of a Smart Meter at my home and the other homes in my neighborhood. I have experienced migraines, disrupted sleep, and electronic sensitivity so that I was unable to use a computer or my cellphone without immediate nausea and headache. I feel constant low-level anxiety when in my house which "magically" goes away every single time we have a power outage. My husband has developed migraines, disrupted sleep, and tinnitus. I am concerned for the long term health consequences on us and on my daughter who is almost 3.

I have called PG&E and they refuse to remove the Smart Meter from my house. Other electricians say that they cannot replace the meter with an analog variety because it would be illegal. This product is making me sick, and even with the money to pay for it, I am not allowed to have it removed.

I would like to see Smart Meters pulled from the market until thorough testing is done and they can be proved safe. It is the responsibility of our government to protect public health from polluting corporations. Charging for the right to "opt-out" is criminal because it subjects the poor to poisonous health effects, and also because people will still receive exposure from their neighbors' properties, especially in urban population-dense environments.

PG&E cannot be relied upon to treat us fairly—my health just does not figure into their bottom line. Sometimes we need people with power to stand up for us.

I have been suffering since the installation of 3 meters in my complex (of 12 units) and from larger multi-unit complexes on both sides of where I live. This means that the radiation coming off all of these meters encroach on me, even though I have opted out and do not have one....Each day I awake with my head buzzing. I now have fatigue and headaches, nausea unexplained and nosebleeds at the oddest times for no other reason. I have lost so many days of working (I work from home) and now there is no place to go. Our entire county, once a pristine, safe and desirable place to call home is now a sea of massive radiation from the thousands of smart meters now installed.

We didn't even know the meter was there when we moved in the house late April, 2011. We'd been feeling strong and well. Suddenly our health started deteriorating rapidly. It was until end of May that I saw the meter and red flags went off. I have been avoiding all types of radiation since the 80's due to poor health...and here it was now permanently attached to my bedroom wall!! We had no place to go. Complaints and pleas to the utility companies were absolutely fruitless. We have removed it ourself.

I have been suffering horrible migraine headaches since a SmartMeter was installed on my home in the fall of 2010. The meter was installed without my permission. When the installer arrived unannounced, I happened to be home. I told him I did not want a Smartmeter. He responded by telling me I had no choice and walked right in my gate and installed it.

It took almost a year of 15-18 debilitating migraine level headaches before the cause was discovered. I saw doctors and had blood tests, MRI's CT scans, took migraine medications all with no relief. I kept a headache journal as recommended by headache specialists at UCSF and found no connection to headache development and diet, activity, etc. Looking at every variable possible, it was finally discovered that when I am around Smartmeters, I get headaches. When I am not, I don't get headaches.

I am a high school teacher and was able to go visit my Mom in a neighborhood that has no Smartmeters when school let out in June of 2011. For my 9 day visit with my mother, I had no headaches. When I returned home, the headaches resumed on my first day back. The Smartmeter was then suspected. I shielded the SM with simple aluminum shielding, and the migraine headache significantly reduced to a normal headache. When I remove the shield the intense migraines come back; replace the shield, they go away. The shielding is not 100% blockage. I need this meter completely off my home!!

I cannot walk my dog in my own neighborhood. All the buzz from my neighbors meters make me dizzy and don't help my headaches!! I feel trapped. There aren't many places to escape the horrible effects of these meters because they are everywhere. I love my job and I love where I live, but I feel I am being forced to leave. I cannot believe this is happening in this country!

The longer I am exposed to this SmartMeter, the more sensitive I am becoming. My doctor says I have developed electrical sensitivity. I am miserable and there are some days I wish someone would just shoot me. These SmartMeters and the technology they use have turned me from a happy and productive member of society, into a desperate and miserable person. Please help!!!!!!!!!!

I have been severely harmed by the installation of two smart meters on my family's home where I reside with my elderly parents and nephew.

I was forced to go to the emergency room only three hours after the two meters were installed on our home (one for gas and one for electric) from severe nausea, heart palpitations and a severe headache.

After several days, with the help of several highly trained medical doctors and a PA at my personal doctor's office, I finally found a medication that allowed me to stay home and assisted me in not having to continue to visit hospital services.

However, though the nausea was lessened by the medication they gave me, which by the way is what they give to people who have radiation poisoning, its side effects were too severe (mild to severe constipation and cramping leading to the need for more medical treatments) to continue for more than a few weeks. I was lucky enough to find an Acupunctureist who helped with these symptoms so at least I can now manage my pain.

I also suffered severe headaches (one meter was right outside my room, only two feet from my bed) and I was forced to move from a private room in front of the family house into the back of the house where the pain is much less.

Now I live my life in our family's den, always intruded upon by the need for my parents and other family members who reside here to work in the same area. I have lost all my privacy and I still suffer headaches every day now. I fear my health is also deteriorating as I keep getting colds. I have had one every month since the smart meters were installed. Even in the warm weather. My immune system is being affected negatively.

My only hold on my sanity is my friends and loving mother. Otherwise I would have given up on living months ago. I hold on though I doubt I can withstand a flu or other immune compromised illness. My final act is to stop smart meters here on this planet, if at all feasible.

As I already have fibromyalgia and acid reflux, this is probably the final nail in the coffin for my health. Please stop all smart meter installations and try to get all the ones already installed off people's homes and residences and businesses. I can't hardly go anywhere now without an instant migraine from the fact they are installed everywhere. I hate to think what they are doing to everyone's health in my community. It makes me ill thinking how it is harming our children and elderly right now.

A man who identified himself as working for PG&E, came to my door stating that he was here to install a Smart Meter on my home. I said, "No! Please don't do that. I don't want a Smart Meter." I watched him walk out of our gated yard. But he had not left. Moments later, he entered our gated yard again and I heard

pounding at the side of my home, where the 4 meters for our townhouse are located. I called out to him, and he came to the front door and told me that he was installing 3 Smart Meters for my neighbors—on MY HOUSE! I said, “No, please don’t do that this is my home.” He stated that he had his orders and he was installing them. He left a card on my door with a number to call. He did not work for PG&E but a private company—PG&E may have an easement to my property, but his company does not—I believe he was trespassing when I denied access. I begged him to stop—telling him repeatedly that I was not well, and I was not giving my permission for Smart Meters to be installed on my home. He stated, It is my job, & went to the side of my house. I called the number he had given, spoke with a PG&E rep and the connection was lost. I called back and spoke to another rep, who stated that I wasn’t on the “list” and that he would place me on it. I explained why I was calling, then he had to speak to his supervisor. He came back and said, “Well I can tell you this, once they are installed, they aren’t coming off!” I explained that I could hear the pounding at that moment and that they were in the process of installation and still could be stopped. I was told that nothing could be done.

Since the installation, my heart has been in fibrolation daily & my heart rate & blood pressure are elevated. Our granddaughter’s bed in her room is on the same wall as the Smart Meters. She has suddenly developed insomnia & is doing poorly in school. Recently, staying at a hotel she had no trouble sleeping through the nights.

Since installation, our high-speed internet connection has slowed, been interrupted often, dialing out we have static on the phone lines, similar to taking a cordless phone too near a microwave oven in use. Even our Wii reception has been slower & multiple interupts during each episode of Netflix—not interrupted prior, all since the installation.

My family has suffered since moving to this house (our old house did not have a smart meter). We have trouble sleeping. Headaches. Our son experiences nosebleeds and attention problems. My Mother feels that her health has declined in many aspects since the installation of her meter (she lives next door). We all have noticed our immune systems are weaker. The biggest complaint is difficulty sleeping.

When the SmartMeters were put in my neighborhood, I and others had sleep problems. We did not know that the SMeters were installed on the neighbors’ homes as we did not have any SMeters. I have had to sleep in a heavily shielded area to get more than a couple of hours of sleep. I have also had pain in my sinuses and pressure in my face, and increased bleeding episodes.

I do not want an SMeter of any kind. An injury 6 years ago left me hypersensitive to the electromagnetic fields these and other devices emit. I had a lot of pain when appliances with switching power supplies were plugged in (like my computer). A doctor suggested I buy filters for this. That worked.

Please help me and others. I have since looked into the research. This hypersensitivity is caused by over-exposure. Wireless and the high frequencies produced by switching power supplies affects many people. There are 1000's of red flags in the research. Please help stop this criminal use of compulsory technology.

Within 5 hours of having a smart meter installed on my apartment building I developed a severe band-like headache. I did not know what a smart meter was when the man with the hard hat knocked on my door to tell me that my power would be turned off for about 10 minutes. I thought nothing of it. The headache persisted through the night and was unresponsive to medication. The next morning I also experienced nausea and began to think that I was coming down with the flu. However, when I left my apartment and went to another city (no meters) my symptoms cleared up. I was perplexed when they returned that evening after I returned home. This pattern continued for the next 3 days: headaches, nausea, some heart palpitations, and feelings of irritability and confusion — all of which resolved when I left Burbank and went into LA City. After 5 days I could no longer tolerate the symptoms and left my home of 23 years, to live out of my car and sleep in the homes of friends and family to avoid the unbearable health issues.

I am disabled and, try as I might, I have been unable to find subsidized housing in an area that is free of meters. I am exhausted and despair at what my future holds. I have told Burbank Water and Power about my problems. A board member told me to move out of Burbank. I contacted the CPUC and was told that they have no jurisdiction over my utility company and was instructed to contact my City Council. I have spoken several times at City Council meetings but the council members are relying on the information provided to them by the CPUC, the California Council of Science and Technology, and Burbank Water and Power. It is the most of vicious of circles. There is no remedy. There is no advocacy.

Several of my neighbors are experiencing similar symptoms, complaining of insomnia, headaches, difficulty concentrating. The mesh network and the meters are a scourge, depriving us of our human rights and our civil rights.

I am writing to file a complaint against PG&E and CPUC due to the health hazards of installing a Smart Meter in our home without our consent. When we first discovered its installation in May of 2010, my husband called PG&E with the request to have it removed, and they refused. On July 31, 2010, I went into the living room, about 6 feet from the wall that holds the Smart Meters, and felt a sudden zap of energy that instantly had my chest and throat aching, sending my already delicate health into immune collapse. It took several days before the aching in my chest, and the intense fatigue and brain fog that accompanied it, abated. We hired an electrician to come to our home with his radiofrequency radiation meter, to determine the frequency and strength of the Smart Meter radiation in our home. At the time of his reading on Wednesday, August 4th, the meter was pulsing about 3 times a minute, and inside the house the radiation from the Smart Meter was definitely high in the living room.

This kind of radiation is not good for anyone's health, and as someone with chronic health issues and immune dysfunction, to have a Smart Meter in our home is completely unacceptable. I am writing to request that the Smart Meters at our home be removed immediately, and that action is taken to remove these meters from our area.

We had requested by phone that the smart meter not be installed at our residence. A couple of weeks or so after that, we noticed that our old analog meter was gone and a smart meter had been installed.

Within 1 hour of having our smart meter installed my wife started getting heart palpitations, headaches, brain fog and trouble sleeping. I have had brain fog and trouble sleeping. When we leave our home for a day then our systems return back to normal. We went to visit our family away from our home for 2 days to celebrate Thanksgiving and again felt much better. When we returned so did the problems.

We have our own business and have to work out of our home. It seems that America was a country of freedom of choice and not a country where things can be shoved down our throats and when we ask for reasonable changes we are turned down. We should have the choice of what goes on our house that is reasonable and safe to our health.

If you are normal or of normal health than a smart meter may not effect you but to the percentage of people that have medical issues please do not discriminate or destroy their ability to function normally or lose productivity.

I find it deeply troubling that the utility did not offer me the option of a new meter. Things like this should ALWAYS be opt-in only. I am also deeply concerned about the health effects of the meters. This should be among the top priorities for our legislators, as exposure to electro magnetic radiation impacts children and the ill the most, but will also make healthy people ill. Meanwhile, doctors are not properly trained to diagnose or treat related illness.

Within a month or 2 of installation of my EvilMeter, aka SmartMeter, I noticed for the first time in my life that my heart was skipping beats. It occurred only in the front part of my house. After a few days I remembered the EvilMeter, and checked to see where it was located. It was on the outside of my living room wall, only 1-2 feet from my sofa, where I often used to sit. I tried taking my pulse many places, and my pulse was normal everywhere except in the front part of my house. My irregular heartbeat was worst when near the EvilMeter.

Over the months since then, I have tried to stay out of the front part of my house. But my kitchen, TV, phone and computer are there, so I couldn't completely avoid it. I did spend as much time as I could in my bedroom, e.g., eating most of my meals there, not watching TV, bringing my computer into my bedroom to work on it, etc.

However, a month or two ago I noticed that my skipped heartbeats were getting worse — my heart would only beat 2-3 times, then skip a beat, beat 2-3 times, then skip a beat, etc. That would go on for hours. This was much worse than at first, when it would go back to normal within a short time of going into my bedroom or leaving the house.

So I went to an MD, who diagnosed me with PVC (premature ventricular contraction). It may cause me to

have a stroke, a heart attack, or eventually heart failure. I think that is extremely Evil. Please make PG&E (and other utilities who may be doing the same thing) stop installing EvilMeters, and make them leave the analog meters in place. And please make the utilities replace all installed EvilMeters with analog meters.

I am a retired school teacher who has served California well over the years. I am ill from the smart meters (two of them, one gas, one electric) on my property – one at each end of my home. The electric smart meter, the worst of the two, is located on my bedroom wall, right by the headboard of the bed. My head was less than a foot, about 8 inches or less, from the smart meter for six months, as I slept and read in bed, sitting up. I had no idea that the electric meter on my property was causing emissions, including high bursts of radiation, 24/7. I have had my home tested and there is also “dirty electricity” from emissions on the wiring in the bedroom. I developed numerous symptoms, including very shrill (painful) ringing in my ears, severe headaches, skin cancer, dizziness, nausea, sensitivity to rf radiation and more, all following the exposure to the smart meters. Finally my doctor told me about the dangers of smart meters and diagnosed me with radiation illness. I moved out of the bedroom, along with my husband. I now sleep (for the past year) in the living room (very uncomfortably) and he sleeps in another bedroom. The living room is far enough away to lower the headaches, the other bedroom is not. I cannot use 1/3 of my home and property now, due to the smart meters. Getting anywhere near the electric meter, especially, inside or outside, produces extreme illness that lasts for three or four days.

I wrote and called SDG&E and the CPUC many times. Neither one was helpful. They both incorrectly insisted that it was mandatory to have these horrible meters on my property. I wrote and called all elected officials. They have ignored me... This is the worst thing I have ever experienced or seen. America will be destroyed by these multinational companies and the politicians who cater to them, if we don't take action to stop the smart grid.

I would like to have the SmartMeter removed from my home immediately. I was not asked permission prior to the SmartMeter device being installed on my home. My family was never consulted about the program, or even notified in advance of installation. I hereby demand that the SmartMeter device be removed from the premises.

Since the installation, I have had headaches, nausea, dizziness, confusion and memory loss. I now understand that there are health concerns related to the wireless network that the SmartMeters use, and I do not want this device on my home or in my neighborhood. My old analog meter worked just fine, and I do not want to risk the health of my family with this SmartMeter.

I live in Encinitas and the Smart Meter was installed in my home without even asking or considering the Health issues for myself and those living here. This is so outrageous and plain inconsiderate. I feel very resentful to the SDg&E! I have felt more tiredness, stress and agitation since they were installed and I want them out of my home. Did no one do any research on the effects on Health before considering installing these on our homes. I cannot believe the ignorance of such an act!

I have had headaches and progressive MS symptoms since the smart meter was installed. My MS symptoms now have progressed to feelings of numbness in my hands, burning sensations in my left arm, weakness in my left arm and a sense of confusion and memory loss intermittently from week to week. I want these poisonous contraptions OFF my house ASAP!

Since about a month after the meter was installed on my home, I began experiencing hives all over my body and near constant ringing in my ears which gets very loud at times. Both symptoms disappeared immediately months later when I was able to leave my home for more than a day. They returned within 24 hours when I returned to my home.

When the installer came to change out my analogue meter which was working perfectly, I followed him out to the side of my house and told him I objected strongly to the meters because of the problems I'd been hearing about inaccurate readings. I had not heard about the health concerns at that point. My objections were ignored so the meter was installed. As stated above, my symptoms began about a month later and have continued non stop since...except when I was able to leave my home for more than 24 hours.

Two and a half years ago, I had major surgery for cancer. It was removed and my follow up treatment worked. I was feeling very well just before the smartmeter was installed. When the hives and ear ringing

began, my feelings of well being totally disappeared. My MD is VERY concerned and believes as I do that the Smartmeter is a threat to my health.

In the past year, without my consent, a smart meter was installed on my property. Between the time of installation and this writing, I have developed tinnitus—a constant, faint, ringing in my ears that negatively affects my sleep and my overall quality of life. I had no idea why I developed this condition (I have suffered no head injury or severe illness this past year) until I learned today that tinnitus has been associated with the emanations from these smart meters. My wife then attempted to contact PG&E and local electricians regarding the replacement of the smart meter with an analog meter. She was informed by the local electricians that it was illegal for them to remove the smart meter from our property. She was informed by PG&E that they would not remove the smart meter. This situation is intolerable. The idea that a private company is somehow entitled to place a device on my home that is harmful to me and to my family flies in the face of my understanding of property rights in this state and in this country. I would ask that you give rapid consideration to a method by which homeowners can opt out of having a smart meter. The longer this goes on, the greater the harm that will be suffered by the populace and the greater the damages that will ultimately be recovered against PG&E in the numerous lawsuits that will inevitably result. I own and operate a civil litigation law firm in Los Gatos (Abronson Law Offices). I have previously received inquiries regarding legal action against PG&E. Given my personal experience, I will be taking these more seriously in the future. I and numerous others in my community will also be watching to see how quickly and successfully this issue is addressed in considering how to vote in the next election.

I have called to have my smart meter removed 11/30/11 This was installed Jan. 12 2008. Since then I have experienced sleepless nights, anxiety, ringing in the ears and headaches, my children have as well. When I called to have the smart meter removed I was informed that I will be charged to go back to the analog and will not longer be able to use the Time of Use plan (which I have been a part of before the smart meter...this is a cost saving program as to when the peak and off peak hours are for usage) Their reasoning is that a technician will have to come out monthly to read meter. So I am curious why my NEW monthly technician fee who will come out to read my meter will not be able to do the exact same service I had prior to the having the smart meter installed!

I have lived in my home in Santa Cruz for over 30 years. This last summer I was away for 5 weeks, when I returned to my home in mid September I began having sleepless nights. I would awake about midnight with my heart racing and be unable to go back to sleep at all. After a week of this I went to visit a friend and slept perfect at her house, that has no smart meter. When I returned the same sleeplessness happened. It finally dawned on me to check the meter which is on the outside wall of my bedroom. The smart meter had been installed against my opt out wishes.

I called PG&E and they have refused to take it off and gave me misinformation on the phone saying that the meter was not even working yet. When I pressed the representative about this, he changed his story. I need this meter off, I am missing work and my health is suffering from lack of sleep.

Since the SmartMeters have been installed on the condo building where I live, I started suffering from heart palpitations.

I happens especially during the night awakening me and keeping me awake, without being able to fall asleep again.

I also started suffering from Hypothyroidism, a problem I never had in my life until now (I am 41). This is an intolerable decay in environmental quality. Since now, I have conducted a very healthy life style, rarely have I got sick form common things such as colds and flu.

How is that eating only organic foods, not smoking, having low stress level got me into an autoimmune disease?

Since Smart Meter has been installed, I am suffering from heart palpitations, unusually dry skin, and insomnia for months. My pregnant wife has had chronic headaches for months. I usually keep abreast of health dangers that most people are unaware of, but somehow I missed this one. I was personally violated when my Kafkaesque utilites company, PG&E, came and did this to me without informing me. They come and threaten my health and the health of my family like this. It's an outrage but most folks, as usual, are still asleep to it. I had to spend 200 bucks on EMF shielding fabric for our bedroom, as the accused

“Smart” meter is directly opposite our bed. I’ve written, I’ve called, and as I fully expected, PG&E doesn’t give a damn about my family.

I would like to have my smart meter removed from my home immediately. I never gave my permission to install a smart meter on my home. One day a company representative showed up at my door and said he needed to replace my meter. I did not realize that it was going to be a totally different meter than what I already had. I was not given any information about the smart meter at all. I demand it be removed immediately!

Since the smart meter was installed i have been suffering from debilitating headaches. On some days it is so bad that I cannot function at all. I have also been having severe difficulty with sleeping. After doing research on my on I found out that there are considerable health concerns involved with smart meters. The problems that I have been having are among those health concerns. I demand that my smart meter be removed from my home immediately.

I have called my utility company, Georgia Power, and informed them of these problems and requested by old meter back. I was told that those meter were being phased out and I would not be able to get it back. I was told that I was going to have to deal with the smart meter. They were sorry that I was having problems but there was nothing that could be done. This is not satisfactory! My health and the health of my family are very important. I demand that my smart meter be removed immediately!

Since the installation of this new meter, we have both been experiencing ear ringing, headaches, problem sleeping. we would very much like to have our older type meter reinstalled. we don’t believe all this to be just a coincidence, because of the timing of it all.

Moved into my apartment complex back in November of 2010. The Smart Meter was already installed for our apartment.

Ten out of twenty apartments here have smart meters installed. Our apartment is about 90 ft. away from all of them, yet I still have not had a regular nights sleep since I have moved here. The past year has been pretty painful for me. On average I would normally wake up once through out the entire night. Now its 5-6 times a night if I can even fall asleep!

I don’t use wifi unless I have guests over. I keep my cell on speaker away from my head at all times and out of my room at night. obviously I am highly sensitive to electric fields. Not to mention my young indoor cats used to be very active and out in the open of the living room at all times. Here, they hide behind the couch or in the closet as if they are nearly always disturbed=(

The only change in our lives has been the SMART METERS. If all smart meters in my complex are not removed with in the next 3 months, I will have no choice but to move once my lease is up. It will have to be somewhere where they don’t allow them. Im sure I will be pushed into backwoods because all of this.

Since the installation, I have had bad headaches, and buzzing in my head as well as feeling of my inside is being cooked at night when I try to go to sleep. I have changed my bedroom twice, and now I am sleeping and living in my kitchen where it is the furthest from the SmartMeter. When I go to bed, I turn off the Main Switch to the house over night so that I can sleep. This constant switching on and off the power is making my husband crazy too. He cannot go to sleep until I go to sleep because I need the power off entirely in the house.

I have called my utility company, PG&E, multiple times about getting the SmartMeter removed, and they have told me they will not remove it. They told me there would be an opt out option in the future, but we cannot wait for finalization the opt out program. I do not feel it is fair that I have to suffer when I did not want the SmartMeter on my home in the first place. I am certain that the SmartMeter is causing other health issues for myself and my family because ever since the installation of the SmartMeters, I not only cannot sleep well but my back and leg hurts all the time. I do not want to wait remove this SmartMeter. I would like it removed now!

I learned of the dangers of ‘Smart’ meters shortly after it was installed on my home. Since this time, I have experienced a loud ringing in my ears when I am at home, and my toddler, whose bed is about 15 feet from the ‘Smart’ meter, has not yet slept a full night in our home since the new meter was installed. He sleeps fine at his grandparents house. He sleeps fine when we are staying elsewhere. He is generally awake and crying every 2-4 hours when we are at home.

Also, the month after my “Smart” meter was installed, my electricity bill almost doubled. This was even after we put our home electronics on a power strip so that we could completely power everything down. We also have gas appliances, so when SCE told me that we were ‘probably running our dryer more than usual’, they were quite mistaken.

I am also very concerned about fires, as my house was built in 1913 and, while the wiring has been updated since then, there are still some areas of the house that may not have been. After hearing about the ‘cause’ of fires in some peoples’ homes (that their wiring was not up to code), I am concerned that I will also be a victim of this fraud claim.

Had I been informed of the issues surrounding ‘smart’ meters, I would not have allowed one on my home, near my family.

Since moving into this partial basement apartment 2.5 years ago, I noticed an increase in my resistance to environmental sensitivities. I have always lived with cats, and upon moving in here I developed allergy symptoms (sneezing, wheezing and itchy eyes). I also found that whenever I needed to work at my desk, I became extremely lethargic within minutes of sitting down. Soon I discovered information about the negative affects SmartMeters can have on people sensitive to electro-magnetic frequencies. The next time I was doing laundry (which is located in a room directly on the other side of the wall of my living room and desk) I noticed 4 SmartMeters. Four! They are located in a row about 7 – 9 meters away from where I sit at my desk, or couch!

I’d like to mention here that I only found out about the issues surrounding SmartMeters in the last couple of months. Up until now I have spent thousands of dollars in doctors visits, allergy testing and different remedies, diet changes and medication to help get back to health.

So when I saw these SMs ticking away at such a close distance, I went to the internet to figure out a quick-fix barrier to use until I can get these meters switched out to the analogue meters. I discovered that a decent barrier is tin foil and I have since covered the meters with the foil. I noticed an improvement immediately. I have not had allergy symptoms for the past month, and I am able to sustain normal focus while working at my desk. I do not think this is any coincidence.

It is my desire that the KW Hydro company replace these Smart Meters with the analogue meters as soon as possible.

This afternoon, my doorbell rang. A very large, intimidating man was standing there, and informed me that he was going to turn my power off for 20 seconds to install a new Smart Meter on my house. I had never heard of a Smart Meter, and told him I didn’t want it. He said it was required by the power company. I wanted more time to research it, so I told him to opt us out until I was able to make a more informed decision. He said there was no opt out option and that we had no choice in the matter. He said he would leave a pamphlet on the door and then proceeded to change the box regardless of my objections. I then called the power company and they refused to do anything about it. I am very upset because we were never told about the smart meter, or that there was a delay option. We certainly would have called had we known!

Being around Smart Meters gives me nausea, headaches and heart palpitations within minutes. Fortunately my neighborhood has not been completely installed with the meters yet. I no longer can go for walks around town because I can feel the stabbing of the electrical impulses. Same when driving through neighborhoods where they have been installed. Please stop the madness. I notice DDT and lead are now banned in this country. Since the wireless industry has been totally unregulated so far, it seems that it will just be a matter of time before the health impacts become too great to be ignored any more. I see no reason not to be able to keep the analog meter. PG&E can save money by leaving it there! Meter reading is already included in our rates as is the rollout of the Smart Meters.

Since the smart meter was installed on my home I have been plagued by Tinnitus, very loud and consider staying in my home toxic. I also have leg twitching and my whole body convulses like I am shocked. This is torture. I find when I am away from my home the Tinnitus subsides to none at all.

Overall I feel my health is downgrading, also having heart palpitations. I am considering taking this meter off of my home since phone calls to the utility company don’t bring them out to replace it with the analog meter. I am also considering a class action suit. This is unconscionable with this device being imposed and infliction of its microwave propagation upon us. My ability to think degraded and I am trying to focus above the noise in my head. My rights to enjoy the quiet peace and privacy of my home has been invaded

and violated. I will be contacting attorneys.

The actions of the CPUC, SCE and lack of prompt redress is criminal. None of Californians or Americans should have to withstand this.

I would like to have the SmartMeter removed from my home immediately. I was not asked permission prior to the SmartMeter device being installed on my home. I was never consulted about the program. I hereby demand it's removal.

Since the installation, I have had headaches, problems sleeping and humming in my ears. I now understand that there are health concerns related to the wireless network that the SmartMeters use, and I do not want this device on my home or in my neighborhood. My old analog meter worked just fine, and I do not want to risk the health of my family with this SmartMeter.

I am requesting the immediate removal of the Smart Meter at my home. I am having severe health issues: headaches, nervousness, inability to sleep, a lowering of my immune system so that I am frequently sick with head colds and cough.

I have called several times and have sent a letter from my Doctor to PG&E with absolutely no response. My telephone conversations were met with no understanding that my request to remove the Smart Meter was valid and important. I was given the PG&E policy line by rote, and my complaint duly set aside.

I am writing to request for a zero cost Opt-Out Smart Meter Program. I would like the smart meter to be removed from my home immediately as possible and replaced with an analog meter. All data shows the only benefit for these meters is to PGE. To date PGE is unresponsive as to why my bill is outrageously high when it is only myself and my wife in our home. There is no care, concern or response as to what health effects we might be suffering. To date we are experiencing short term memory issues, sleeplessness issues, headaches.

We did not authorize this meter and were never consulted or given a choice to have it. We are extremely conservative in our power use. I am extremely concerned about the health effects of the smart meter and what they might be doing to us both and our neighbors. It is a travesty that the CPUC could appoint themselves approvers of the PGE smart meter rollout without any actual health, economic studies and actually mandate them without actual legislation homeowner approval. This is a non-legislated private corporate/government deal. I thought that could not happen, but here we are today.

There is actually ZERO PROOF that smart meters are benefiting households or the energy grid regardless of the sales and marketing pitch. There is however considerable research and anecdotal data in the form of studies and many reports demonstrating ill health effects, extreme RF radiation levels and effects, and alleged fraud on the part of PGE – and NO ONE IS BEING HELD TO ACCOUNT! THE CPUC is now widely considered a corrupt committee.

Official action is needed now to allow a no cost opt-out program. The meters costs have been illegally passed on to the unwitting consumer with out our consent and PGE consumer billing costs are skyrocketing when the promise was savings! Please hold all accountable for foisting these “smart meters” on the public at our expense without public permission. Restore faith in the rule of law in California. Please act now start with a Zero Cost Opt-Out Program for all Californians.

We were never informed a new meter would be installed, we don't even know when it was installed, we just happened to notice it had been changed sometime in the last year. Also in the last year, I have been suffering from debilitating headaches, which have been diagnosed as “Primary Stabbing Headaches” I suffer from these headaches on a daily basis now.

We request that the meter be replaced with the original analog meter.

Florida Power and Light notified us by mail in early September 2011 concerning a change in our electrical metering. They stated that they had completed installation an electrical smart meter on our residence. Since that period of time my family has noticed an abnormal increase in health related issues. These health issues include non-restful sleep periods, fatigue, nausea, headaches, unexplained stomach discomfort, ringing in the ears, etc. Health professionals have been contacted, but no explanation for the abnormal issues have been found.

We have contacted Florida Power and Light to request the removal and replacement of the digital electrical meter, with a conventional analog electrical meter. Up to this point, we have had little response from FPL.

My wife has a lifetime history of seizures. She is extremely sensitive to electrical and magnetic fields. Just sitting in front of a computer for too long causes her to have pre-seizure symptoms. For this reason we do not use portable phones and other RF technology. Now PG&E has forced these powerful RF Smart Meters on our neighbors and my wife's seizure symptoms increased almost immediately. So far PG&E has not installed these dangerous devices on our house because we have a locked gate... We are also well aware of the large volume of research that makes it clear exposure to these meters and other RF devices causes cancer. It seems to us that PG&E is determined to kill everyone with these lethal, cancer causing devices.

Since a mass "deployment" of Smart Meters in my neighborhood, unbeknownst to my neighbors, our family has suffered health issues. I personally have begun to have ringing in my ears. My daughter has also suffered health issues. I am also concerned because I am aware that this "deployment" was done against the will of my neighbors and without prior notification of the health, invasion of privacy issues.

I had my smart meter removed because I was experiencing dizziness, headaches and was unable to sleep and a constant ringing, humming in my ears especially at night. to resolve the problem I had my old analog meter reinstalled. which cost me money plus the opt out fee.... Blackmail... Because I live in a park of about 200 or more homes and because of the high frequency volume, I am still having symptoms to the meters, because most in the park have the smartmeters. I am experiencing headaches on a daily bases and I can not tell you when I've had a good nights sleep. and the constant humming, I am constantly up through out the night... just as if I was plugged in... my health care provider is aware of my conditions and is concerned as well..I was not aware that there were side affects to these meters, but my body is telling me different. when I called and told CMP they minimized it and said it was no different then a cell phone I don't believe it for a moment. I have NEVER had this experience with my cell phone. and I have never had problems with falling to sleep and staying asleep.

My complaint is about my neighbor's Smart Meters as well as about the Smart Meter equipment that was installed on the utility poles along the road in my area. My sleep and the general health of my immune system have increasingly deteriorated over the past two years or so since the amount of Smart Meters and Smart Meter equipment has gradually, but steadily, increased in my area. I have spent thousands in medical bills to try and figure out my health problems, but physicians have been unable to find a diagnosis and are left trying to alleviate the symptoms. My doctor agrees that I am adversely affected by radiofrequency, but does not feel qualified to test for this factor.

Communities need to establish safe zones where people can live free from excessive radiofrequency from Smart Meters (and other sources as well). I am forced to try to locate such an area and then move there as the only way to escape the daily assault from PG&E's Smart Meters. Harming citizens in this way is criminal and should be illegal. The fact that the World Health Organization has now classified radiofrequency as a Class 2B Carcinogen clearly illustrates the far-reaching health effects of microwave radiofrequency radiation from Smart Meters. And scientific research has demonstrated that radiofrequency radiation causes many adverse biological effects on the human body long before cancer is induced.

I was sitting in my home office when a PG&E employee installed a "SmartMeter" upon my house without knocking on my door first. He did it very quickly and was gone because I went outside when the electricity went out and there was a huge hammer sound. There I found a notice of what was done.

This is my situation. I moved to the country surrounded by forest several years ago due to extreme sensitivity to electric-magnetic pollution, radiation, and other health issues such as chemical sensitivity. You can imagine how violated I must feel to have this "SmartMeter" installed against my will. The stress of this was tremendous, and as of yet I can not get it removed. I try to just put it out of my mind however, my physical body is experiencing rapid heart beat and head-ache. I realize that Wi-Fi is in the world now but please let my home remain my sanctuary for healing.

I can document my health challenges and their worsening due to the installation of "SmartMeter" on my home.

I will continue to pursue the removal of this health hazard device until it is removed.

I live in an apartment building with seven units. When I heard about smart meters I called PG&E and was put on the delayed list. This did not make me very happy because I didn't want one period. Our meters are

in a location about 40 feet from my apartment and right next to the building. When I went down recently to look, some of the meters already had smart meters on them. Even though three of us don't, we are still getting the EMF's from the others. I am 74 years old and have lived in this location for more than 20 years. I have been getting headaches lately and I believe it is due to the smart meters. I don't want one and I don't think it's right for us apartment dwellers to be subjected to the smart meters that you installed outside our building next to my meter.

Since the smart meter was installed on my home (without choice, just DONE) I have been having ringing in my ears, fatigue and my husband gets severe headaches. The meter is installed outside the wall of the family room where we watch tv and where I'm sitting now at my computer. It's 12 feet away. I now have called SDGE about getting the SmartMeter removed, and they have told me they will not remove it. One lady told me it was California Law that I have it on my house. I do not feel it is fair that I am required to wait up to a year to have my SmartMeter removed when I did not want the SmartMeter on my home in the first place. I am also concerned that the SmartMeter may be causing sleep problems and other health issues for myself and my family. I do not want to wait months to remove this SmartMeter. I would like it removed now!

Two Smart Meters were installed at our house – gas meter directly behind our kitchen sink – less than 1 foot away, and electric meter – 3 feet from our kitchen/dining room table. I began to develop a host of health problems following this: Intense Tinnitus, trembling, confusion, dizziness and bad abdominal pains, loss of appetite, moodiness and tremendous sleeping problems. I also began to drop things and break out in hives. This has never happened to me before. I am a very healthy, active person. I spent a lot of time in the kitchen cooking, which I love to do – not realizing what was going on. I knew that I felt much better when I left the house, though was still foggy and out of it when I was around the neighborhood. Our house is approx. 18 feet from our neighbors on one side, and 15 feet from the other side. I can feel all these meters. I talked to my Dr. to see what was going on and had bloodwork done. My liver enzymes were elevated – 2x their normal rate – something caused by toxicity. I became scared. When I called PG&E to complain, they spoke to me in a condescending way saying "Do you own a microwave? It's no different than a microwave. As long as you are 6ft away from it/them, it's no problem". This is a complete lie. They are extremely powerful. We bought a meter and measured it and it goes to extremely high levels of RF in spikes every few seconds, and is transmitting 24 hours a day. I called again and was told there was nothing they could or would do for me. This is when I joined the Stop Smart Meter organization and realized that I was not alone. I have worked in the wireless industry in the past and know that corporations lie (the manufacturers, the utility, etc. to save money and hide the lack of actual research that has been done. I have seen it firsthand.)

I was getting so sick, we fled to Santa Cruz for a few months – before they were installed there – and I felt fine. All my symptoms went away. PG&E then announced they were going to bulldoze into Santa Cruz county, even though there was a moratorium on the meters until further research was done. What an outrage! We finally left CA and are now living in the midwest where there are no meters. This was extremely upsetting and stressful for both my husband and myself.

In mid-October 2011 because of noise from neighbors in the back bedroom, I moved my mattress to the front room of my house. That room is directly over our electric smart meter and our gas smart meter. I couldn't sleep. Usually I do meditation every night, and sleep easily, but now I cannot do this. I just cannot sleep, night after night. No peace in my heart. I feel my heart jumping for several seconds in a row. I have no energy. I usually exercise and do stretching. I have exercises I do for my back that I learned from physical therapy, but I can't do them. My ear has noise in it. It's like the noise of my neighbors TV thru the wall, but it is in my ear. I have perfect hearing. It's like a low whishing sound. Since then, I also lost weight for no reason 10 pounds. I have nausea and have lost my appetite.

I called the doctor on Oct. 26, and he gave me 100 Lorazepam (2/d) pills and 15 sleeping pills (zolpidem, just before bed).

I took the Lorazepam, everyday but I stopped after a few days. It wasn't helping me to sleep. The sleeping pills did help me to sleep. But I can't take it every night, I am not supposed to according to the information with the pills [effect wears off in 2 wks].

It's about 1 1/2 months now. I am afraid I will have a heart attack or a stroke. I am a sensitive person. I did not know anything about smart meters, I didn't know when they put them in. I called now to find out.

PG&E says I am now on a waiting list to have the radio turned off in the smart meter, but they cannot say how long that will be.

I have NEVER had headaches in my life but now find myself with one everytime I spend time in the room next to where my smart meter was installed. I want this thing out and my old meter returned.

One day I got a notice in the mail that “Smart Meteters” were being deployed in my neighborhood in Long Beach weather I liked it or not. I found it interesting that they use a military term to describe this intervention. Since the meter was installed I have had problems with my heart racing for no apparent reason while I am in bed. The meter is on the other side of my bedroom wall. I am in my 60s and everyone I have talked to at Southern California Edison claims the meters are not the problem and no more dangerous than a cell phone. However the phone I can shut off. It has even affected my pets. I have two old dogs and two young cats. Since the meter installation I have noticed that they are panting more and at times seem to have trouble breathing. I do not believe these meters have been studied long enough as to long term effects on humans or animals. I would really like my analog back and have no desire to watch the meter on my computer to see how much energy I’m using. I have no air conditioner; dish washer; clothes washer or dryer. Nor do I have central heating, extra refrigerators or freezers. I use a power strip for my computer and shut it off when not in use. I don’t need this big brother utility dictating my energy use. It is an invasion of privacy and it puts meter readers out of work. Higher unemployment rates in this state are NOT needed.

I am a health practitioner concerned about the effects of Smart Meters I have seen in my patients. Many previously healthy people are having symptoms dating from the installation of their Smart Meters or shortly thereafter. Some patients already health-compromised, have gotten worse since their Smart Meters were installed. Some are affected more than others. Some have become disabled from their symptoms. I feel strongly that installation of Smart Meter’s with their potential health hazards is a violation of the personal rights and freedom of myself and others. I have refused a Smart Meter and want the right to continue to do so to protect my health.

On October 22nd of 2011, my life changed forever. I was sitting writing a letter to my daughter, and I began to get stinging, shooting pains in my jaw and ear area, my sinuses starting filling up and my head felt like it was full of paint. That night I was unable to sleep because of a very alarming case of acute tinnitus, unlike anything I had ever experienced before, and chest pains. The next night I was awakened from a dead sleep at 1:30 in the morning with vacuum-cleaner like tinnitus and an alternating two-tone noise that sounded like notes from an electric keyboard. It was so loud that I opened the window to see if it was coming from outside. I had to put on street clothes and walk away from our apartment in search of relief. A couple of blocks away, the tinnitus diminished greatly. When I came back I had to lie on the couch in the living room and turn on the TV and heater to help mitigate the white noise in my head to try to sleep. Staying asleep was another battle. This nightmare went on for a couple of more nights.

I stayed away from the apartment during the day, and it was patently obvious that the symptoms abated away from the 11 “Smart” meters installed in our building a couple of months prior. As I already had fibromyalgia, missing deep sleep cycles affected my health all day long. My ten year old son and I had to start finding different places to sleep. I soon began to realize that some of the symptoms he had been having disappeared away from the apartment – chest pains so alarming I had to take him to a pediatric cardiologist, “stinging” headaches, and bouts of fatigue.

My son and I have now been homeless since early December, when I was finally able to get us all the way out of our apartment in spite of debilitating symptoms, including head aches, diarrhea, nausea, hand numbness, chest pains, neck pains, and extremely upsetting cognitive impairment. We are having to move into a van and are currently searching for a place to park/live where we can remain relatively healthy – at least functional. I have had to cut down on the hours I can work, and usually have to work under very difficult conditions, in terms of symptoms. There is utterly no mystery here in terms of causation – most symptoms diminish the further away my son and I get from electro-smog sources. After a big exposure, though, it takes some time to recover to the usual level (of discomfort!)

The CPUC has allowed PG&E to ruin my son’s and my health, and that of many, many others, and we have had no recourse but to take the brunt of it with no official help – even doctors at this point are generally ignorant of the EHS phenomenon (in this country). So where’s the accountability? This travesty is indefensible and unconscionable. PG&E needs to stop this madness immediately, and the CPUC needs to

make them stop. And we victims of this outrageous breach of public trust need to be compensated. Anon, CA.

For over a year my parents have been waiting to have their smart meter replaced with an analog meter for health reasons. PGE has been unresponsive and neglected my parents health and their request to have the smart meter removed.

As soon as the smart meter was put onto my sisters home last year, her family began experiencing ringing in their ears, headaches and malfunctioning of electrical devices such as their cell phones, laptop and baby monitor. PGE refused to take off their smart meter. They had to move out of the city because of the health problems they experienced once the smart meter was installed.

During the year that my parents have been living with smart meters their health has deteriorated. In the past year my mother has lost much of her ability to speak clearly and walk without assistance. My father, who was diagnosed with Parkinsons Disease approximately fifteen years ago, yet had improved after a new Deep Brain Stimulation (DBS) procedure in 2009, has also experienced increased problems with balance and speech.

We are concerned that the two smartmeters on their residence are interfering with the functioning of his DBS implant, a pacemaker-like device that sends electric signals into his brain to stimulate dopamine production. The device's use manual warns against exposure to EMF and RF radiation. We called the engineer hotline for the company that manufactures the DBS device, Medtronic, and the staff recommended having the smartmeter removed. We have learned that no studies have been conducted concerning the risk of a smartmeter affecting the health of a person with a DBS. We notified PGE, however they ignored our request to have the smartmeter replaced with an analog meter.

PGE is obligated to comply with the federal Fair Housing Act and the Americans with Disabilities Act, and the California Unruh Civil Rights Act, as well as other state and federal laws, mandating that you make changes to rules, policies, or practices, or services that may be necessary to allow a person with a disability the equal opportunity to use and enjoy a dwelling. Please be advised that my father and mother, are deemed disabled by the Social Security Administration and, therefore, are people with a handicap under the relevant anti-discrimination laws. This letter places you on notice of our need and request for a reasonable accommodation in the form of immediate re-installing analog meters on his dwelling. (Anon Family, Alameda County CA)

I am doing all the research I can to fight the Northwestern Energy Co's illegal installation of a smart reader. Since the installation took place in March, 2011, my 14 year old cat has developed a bad eye infection and is now going blind in one eye. Rabbits I recently purchased and put in my barn due to cold weather have given birth to still born or highly deformed litters (the barn is much closer to the smart reader than my house)

One of my goats had twins, one was normal, the other about 1/3 the size of a normal kid and died within 3 days despite being bottle fed (mother rejected her) .

My mother suffers from seizures and immediately started having bad ones after the installation of the smart meter. She is 93 and has recently moved into my house. I am 65 and have had a lot of joint pain since the installation, the ring finger of my left hand started becoming paralyzed during the night in the spring—sometimes it takes several hours in the morning for me to be able to flex my hand and use it properly. Prior to the installation, I had no problems with that hand. Sudden fatigue is becoming a problem as are severe sleep disturbances.

Sincerely, Eunice Farmilant Plains MT

PS. I also wanted to add that my land line causes my dog a lot of distress—even after removing my cordless phone.. As soon as the phone rings and I begin talking, she starts barking and runs to the door to be let out. I experience a high pitch ringing which is intermittent. I did buy a radio frequency meter and took readings off the digital meter. The exact same signals are given out by my laptop computer while it is on. The signals only stop after the computer is turned off at the surge protector.

I get the same readings from my land line and the television—so it is apparent the frequencies are being carried by both the electrical wiring in the house and the telephone. I have to turn off the television also at the surge controller to stop the frequencies....so now both the computer and television are on for only limited times during the day. I am also going to use a speaker phone so I do not have to hold the receiver near my ear/head.

Part of the problem may be due to the proximity of the meter which sits in front of the electric box in my

yard being mounted on the same 6 x 6 post as my telephone connection and my satellite receiver for the television. I wonder if other people have encountered this problem?

The only way I can sleep (nothing is plugged into any electric outlets in the bedroom where I sleep) lately is by taking melatonin.

My bedroom is approximately 40 feet from the digital meter which is free standing. I have procured several microwave ovens and plan to mount the doors from them to both the front and back of the meter as I have read they have an embedded screen which blocks radiation. I am also in the process of buying various forms of screening and grounding devices.

I am writing in regards to Smart Meters that I have to deal with on a daily basis. Over the past 6-7 months I have recently developed Tinnitus, Migraines and Blurred sensitive vision. The only change in my life has been the SMART METERS. I have to sit within about a 6-10 ft radius of a smart meter at my work and My neighborhood has been flooded with them. I have called Pg&e but of course they say nothing can be done. At this point I am just looking for help on how to approach this matter. A.M.C Santa Cruz

I do not have a SmartMeter on my house and most of my neighbors don't. But as the meters have increased nearby the ringing in our ears is near constant here and sometimes intolerable. Sleeping can be difficult, I have suffered unexplained hair loss, my appetite has gone down and my digestion has suddenly gotten more difficult. Further, I have suddenly become lackluster about things and other health issues have spiked. I feel better now when I am away from home but it is getting increasingly difficult to find places where I can not feel restless or spacey. R.H. Santa Cruz

I was switched on to a Smart Meter without my consent. (a notice was sent out only) Since that time, I've had issues with severe anxiety, depression, sleeplessness, headaches, buzzing and ringing in my ears...I couldn't account as to why I was feeling this way, until I finally read about the smart meters and what they are doing to some of the population...I called my utility co.(salt river project in az.) and asked to speak to a supervisor about this matter. He (Ben Celleck) said that they don't cause these problems and that it's SRP's property and they will deem what they will use. I told him "I'm the customer and I pay SRP for the service and they should use what I request, not the other way around!"....I kept insisting to have it changed out and stating it was my right as a customer to have this request..but he keep telling me..."No, they will not change out the meter, but we will come out and check it for any leakage of power."...."I said I'm very sensitive with the EMF that it produces and is causing my health problems." I said. " I don't want SRP to just come out and check it, I just want it to be replaced with the analog meter not the smart meter"....He kept to his same story..."We will not replace with the analog"....When I got back home (11/2/11) from work, I had received a notice from SRP that they had been out there to inspect my meter and stated they had found nothing wrong with my meter. D.M. Arizona

Since the smart meters were installed, I have difficulty breathing, have headaches which I never had, sleep problems, balance problems, physical weakness, nausea, anxiety, depression, and worsening of health conditions. I would like the analog meter back so I can feel normal again. D.D. Santa Cruz

I am having serious health issues since the meter was installed. And, not prior. My home has become toxic. I want this meter removed immediately. I can not wait. This is an emergency. Either the utility company comes out immediately and takes it off or I will resort to other measures. This is oppressive tyranny and an assault to my mental and physical well being. M.C. Riverside CA

My family and I have been experiencing negative health effects since the smart meter was installed. I have had ringing in my ears and my son has not slept a whole night since the meter was installed. He sleeps fine at his daycare (analog meter) and he sleeps all night at his grandparent's house (also analog meter). I would like permission to have my analog meter replaced at no cost to me or my family. L.S. Los Angeles CA

Ever since the Smart Meter has been installed in my house I have suffered insomnia, constant headaches and am forced to listen to the sound of electrical humming outside my bedroom. Do not ignore the fact that some people are more sensitive to electricity than others. L.M. Santa Cruz

In May of 2010 they installed a RF Smart Meter. Between then and June 2011, I had made four trips to an ER for heart palpitations, tinnitus, extreme fatigue with mental confusion and inability to sleep. On top of being able to accomplish damn little due to the symptoms, the electric bills topped \$200 per month when we didn't add an appliance or use more of what we had.

In each ambulance ride, the symptoms went away after 30 minutes out of this Smart Meter Neighborhood. Then the symptoms returned within a day.

June 2011, I demanded they remove the smart meter because I was being over-charged. They replaced the RF Smart Meter with a hardwired digital Smart Meter in an attempt to placate me. And I am still being overcharged. The symptoms are a little less severe, but they still exist and are very hard to accommodate in any capacity. Especially the headaches that I've never had until a Smart Meter was installed. John N., New Mexico

My name is Donald Newsom. I have an account with PG&E in my home. My desk is on the other side of the wall from the smart meter.

I am 42 and in excellent health. However, since this was put on our home without any permission I have had severe headaches and my right eye is twitching now uncontrollably. This doesn't happen when I am away from my home (although now the problems are severe enough they are becoming constant). I believe it's the smart meter. I have phoned them twice to have someone remove it but they will not.

On 10/18/2011 I called PG&E and they transferred me to Angel in Sacramento with the Smart Meter Department. I told Angel that my eye is twitching badly and that my headaches are getting severe. He took my information down and said he'd have someone get in touch with me. I told him I tried this once before, where PG&E said they would have a supervisor call me back, but when they did call 5 days later they hung up immediately after I picked up the receiver – which was 2 rings in. I saw it was PG&E via my caller ID. They did not call back. Thus, Angel told me he would have someone get in touch with me over the next week. I hope so... as I am now demanding this be removed.

I would like to have this smart meter removed. I have 3 adults living here and 4 children all under 13 years of age. PG&E did not allow us to opt out and put the meter on our home while we were away. It seemed to us very sneaky. How can a company put something on my home that may harm me and my children, and then not remove it when I tell them the harm it is now causing? I am hoping someone needs to come out and remove this from our home and put back the old style meter, or turns off the transmitter I am so sensitive to.

My body is now feeling very sick, I have headaches constantly and my eye may need surgery to stop the twitching. Further, we work where we live and home school our kids ... so we are getting much exposure to the RF Transmissions and would like it to stop.

How can we accomplish this?

Donald Newsom, Butte County CA

I have very disturbing symptoms after living for a year and a half sandwiched between 30 gas smart meters on one side and 30 electric smart meters on the other side. I also have wi-fi router and wi-fi radio which are probably part of the problem.

I am tormented by inability to sleep more than 4-5 hours and even those hours occur randomly so as to say my sleep patterns schedules are all out of whack. I have intermittent vertigo. I think I am getting cooked by meters in my location because I get unexplainable, VERY uncomfortable sweats that come upon me out of nowhere feeling like I am being heated up from the inside out, they make me feel very unbalanced and really mad as I usually evacuate my apt and go outside before I take a shower to try to feel good. My facial skin also has dried and aged and wrinkled beyond recognition. Most replies to my inquiries say I must move from this apt a.s.a.p. That is not an easy job.

Where am I going to be safe?

NO wi-fi recommended or maybe wi-fi will invade another neighborhood after I relocate there. Also getting away from the stupid smart meters they are everywhere here now. I know moving off the grid and living with solar power is ideal but that is not likely at this time. I cannot really start living in my car and spend my time at the park or whatever others report such as staying away from their homes as much as possible. MS. Humboldt County

Edison installed a new smart meter yesterday. I did not sleep last night. There is something going on in my head and body. I have ringing in my ears at a very high pitch. Like a dog whistle or crystal in some electronic device whistling. It is creating some sort of electric waves from my ear area to my body that is

very uncomfortable. It is making me sick. It is like a chill but not quit. I am having a hard time describing it.

I called Edison right away and they tell me there is nothing they can do for me. But they say things like we care and have a nice day while I tell them I am being harmed as we speak. The people at the Edison company are not trained in electromagnetic radiation or electronics and challenge me that I am not having the reaction that I am having. I begged them to remove the meter and it is still whistling away in my head. No concern to Edison that it is killing me. It makes it hard to think. My brain is slowly shutting down. It is a real wake up call to me since I have worked in the electronic field (Research and development for Hughes aircraft, Semens etc.) I know about EMF and have heard of these things happening but it was always on an intellectual level since I had no personal reaction in the past. At least not like this. Now I know! It is real bad and I am considering getting an ice chest and just turning off the electricity to the house but this produces many other problems I don't know how to get around. I want to change to another electric company but Edison says you can't do that now. What can I do. I can't take this for very long. Is there a class action suit against the smart meter yet? Allan B., So. CA

I have had severe headaches since a Smart Meter was installed on my house. When I leave to visit my Mom in a place where there are no Smart Meters, my headaches subside. As soon as I come home, the headaches return. I have been getting 15 – 18 severe headaches per month for approximately a year now. The days the headache is not severe, it is still present. This is severely affecting the quality of my life and my ability to work. I am barely hanging in there. I don't know how much more I can take.

When the subcontractor working for PG&E came to install the meter, I told him I did not want one. He said I had no choice in the matter and installed the meter anyway.

Despite my health complaints, PG&E will not comply with my request to remove the meter. My request to purchase my own analog meter, have it installed by an electrician, and return their meter to them was also denied.

I cannot believe this is happening in this country!! This is absolutely criminal!!

Lisa Miller, Novato CA

This is becoming such a critical issue all over the globe, including my soon-to-be “former home” of 23 years: the city of Burbank, CA. I am being forced to leave the city that I have loved living in, where I have friends and family and community ties. The place that I thought of as a safe and friendly haven.

I began to experience severe health affects within 5 hours of the installation of 4 GE Trilliant smart meters on my small apartment complex on 7/28/2011. Headaches, nausea, insomnia, feelings of agitation and irritability, and difficulty concentrating have made it necessary for me to leave my home. My symptoms resolve within about 30 minutes going to a meterless area. I have been living out of my car since 8/2/2011, stopping in the evenings at the homes of people who are able to let me sleep for the night. My life has been turned upside down. I knew nothing of smart meters until the onset of my symptoms, but I do know for sure that the effects are real. Five out five residents who were polled in my complex (out of 6 total residents who live here full time) have shared that they are having similar physical symptoms. A woman in the building next door has reported that she is unable to sleep in her bedroom. She didn't know she had a bank of 8 meters installed in the basement directly below her bedroom.

I have sought remedy through contacting Burbank Water and Power. Initially I was told it would be too expensive to restore my analog meter by Ron Davis, Chairman of BWP. Another board member suggested I just move out of Burbank. In a bizarre twist, I received a phone call from BWP a month after I spoke about the problem offering me a new refrigerator (free) to replace my “old” refrigerator. This is peculiar, given that my refrigerator is only one year old. I then received another call from BWP suggesting that I might have a problem with a carbon monoxide leak. Given that my carbon monoxide meter reads zero and given that I feel ill in other people's homes in Burbank, I hardly think that this is feasible. BWP employees have suggested that I am reacting to my neighbors' WIFI. While this may be true, I have lived quite comfortably with my neighbors' WIFI until the day the meters were installed. They also suggested that I might be having a problem with the new paint in my apartment (it's a year old) or the new carpet (it's 15 years old). Other helpful suggestions included the idea that something new is in bloom and/or there might be some construction going on around me.

I contacted Judge Yip-Kikugawa, telling her of my plight. I received a terse message back from one of her assistants stating that the CPUC has “zero authority” over BWP and a suggestion that I present my complaints to my City Council. I took the suggestion and tearfully told the Mayor of Burbank and the

Council at a meeting in early August. The response was underwhelming, save for that of Dr. David Gordon. After public comments were made, Ron Davis was allowed to take the floor for several minutes, during which he stated that the meters are "safer than safe" and that BWP is working with each concerned citizen to resolve their issues. I do not feel that BWP's effort with me come close to solving my problem. I am losing my home and they are offering me a new refrigerator.

I am desperately saddened by the situation and am seeking a place to go that is not too far distant from my elderly mother and from the community I have lived in all my life...

This must be STOPPED. Civil rights, human rights, and the future of the planet could very well turn on this issue. Dramatic? Yes! True? Absolutely. SG, Burbank CA

Since PG&E put in their 'smartmeter' (oxymoron), I wake up with a headache every day and I am always tired no matter how much sleep I get. I have been depressed, lethargic and forgetful. I have so much trouble thinking clearly, it interferes with my daily functioning. I have gone to several doctors about the symptoms, but nothing has helped. I didn't realize how much the meter had been affecting me until I went away for a vacation and all of my 'illnesses' were gone. Now that I am home, all of my "symptoms" are back. On top of everything, SMUD came out to try to install one of the meters, too. I told them I didn't want one. As the men were leaving, I heard one of them say, "She is going to get one anyway." This is absolutely criminal! Michelle, Sacramento

From Dec 2010 to April 2011 four 'smart meters' were installed within 20 feet of our bed. Since that time we've experienced headaches, ringing in the ears, heart palpitations and insomnia, ONLY when we sleep in our bed in this house. We've had SDG&E out on several occasions and have requested to opt-out of the 'smart meters' and return to analog. The SDG&E reps say that there is NO alternative to the 'smart meters'! Also our city block's main grid 'smart meter' is located in front of our home, so short of moving, we don't know what to do! Friends in Northern Calif. tell us that PG&E offers an 'opt out' program for their customers. Plus many cities there have chosen not to have 'smart meters' at all. Why can't SDG&E give us that same option in Southern Calif?

At least with cell phones, microwave ovens and computers, we have the choice to buy them or not, and when to turn them off. What about all the families with small children who live in apartments or condos with hundreds of 'smart meters' in banks of adjoining bedroom walls? We should all have a choice with our metering system, especially since so many are having health issues with the 'smart meters', and the long term effects of microwave exposure are still unknown.

Not long ago we were told that high tension power lines were safe, but over time statistics have shown that the incidence of several types of illnesses, including cancer, is much higher for people living beneath those wires. We can all only hope that you, (our California Public Utilities Commission) will step in and create a state wide free opt-out program soon, or maybe this is something to be put on the ballot and let the residents of California decide for ourselves? Vicki, San Diego

Submitted on 2011/09/01 at 9:03 am

I live in Perris CA in an apartment complex that also has swap the old analog meters for smart meters. The meters are directly outside of my bedroom wall. Eversince these smart meters were installed every night while trying to sleep I can hear this buzzing, humming sound that gives me horrible migraine headaches n heart palpitations. I wake up feeling tired, nauseas and not well rested whatsoever due to all the disturbance this smart meter brings upon not only myself but also my little four year old daughter that sleeps with me every night. I know that these smart meters are a big health risk because of all the symptoms my daughter and I have been experiencing since they were installed. I really wish that this issue can be seriously investigated because I know that I'am not the only person experiencing the same issues and our electric company should be held accountable. I hope this matter gets resolved quickly before people become more seriously ill. We need our old analog meters back!!!!

Thanks,
Julie Reynoso

I currently have a 4 bedroom house that I can only use two bedrooms of due to the radiation being emitted from your smart meters. My daughter had the classic symptoms from having slept in the room adjacent to the meter for 9 months before I realized that her problems coincided with the installation of the meters. I have had the radiation levels measured in her room and she was getting dosed with high levels of MW

radiation every couple of minutes all night long for nine months. I need my home to be a safe haven, my daughter needs her room back, give me the option to protect my family from microwave radiation. electrosmog21 on youtube. Paul, CA

“My health has been effected since my neighborhood had smart meters installed. I have trouble sleeping, often only sleeping a couple of hours each night. I feel this is a giant experiment on the population.” Anon.

An open letter to SDG&E, Smart Meter Complaint Department

I have made three prior telephone requests advising SDGE of the serious side effects concerning my health since the installation of the smart meter device at my home. Three different individuals came out to my house on three separate occasions, all armed with the same propaganda, the same zero concern for my health or the safety of my home.

I was told, “I don’t know. You are the only one that has complained.” (A false statement.) I was also told, “The smart meter is not causing any problems to your home.” (Another false statement.)

I am a 49-year-old woman and I have never before experienced any of these problems in either this home, or any other home that I have lived in, prior to the smart meter installation.

I came home one day after work, and they had just finished installing my smart meter. I did not think anything of it. I had received a notice a few weeks prior, indicating that a smart meter was going to be installed.

That same evening I awoke between 2:00 and 3:00 in the morning, with ringing in my ears, dizziness, tingling at the upper part of my head that turned into a headache and then nausea. There was also a horrible feeling of uneasiness that I had never experienced before and that prevents me from going back to sleep at night — every night.

One of my dogs awoke at the same time, wandering the hallways whining and crying. This dog refuses to sleep inside at night now, as the pulsed radiation also makes him sick. This dog had slept at the foot of my bed since the day I brought him home until the night the smart meter was installed. I have numerous friends and family who will testify to this, if called to do so.

The same scenario occurs whenever I sleep in my home, a home that I worked six or seven days a week for most of my life to be able to afford, and now you, the utility company, is FORCING PULSED RADIATION where I live and sleep, which if you do your homework and read the numerous articles that have been published by scientists who were not paid off by a utility company, you will see that radiation causes cancer and I will not stand for a cancer causing device to be attached to my home.

I was gone for two weeks on two occasions over the summer, and I sleep fine whenever I am away from my home. I was in Peru for two weeks without these problems and also in Alaska, where I had no trouble sleeping, no trouble concentrating, no dizziness, no ringing in my ears, no tingling at the upper part of my head that turned into headaches.

I also have noticed a strange humming and buzzing in my home around the appliances, coming from the computer, and around all the intercom panels in my home. I’ve had three people out from SDGE and they all heard the humming and buzzing and told me to turn the intercom down all the way and then I would not hear it.

I asked them, “How do you explain this? This humming and buzzing was not ever here before the smart meter installation? My kitchen appliances never hummed and buzzed before the smart meter installation.” I told them, “I don’t think my house is safe. This is not normal.”

And I just got the blank stare, the “I don’t know what to tell you, “ and the “No, I cannot remove the smart meter.” I begged them to return my house and home which I loved back to normal, to please, please remove the smart meter and install the old analog meter that worked just fine and that I never had a problem with. The blank stare and the, “No, I cannot do that,” was the only answer I could get out of these people.

I asked one of the gentlemen what his job was at SDGE, as it appeared he had no training as an electrician and was not capable of answering any of my questions. He told me, “Well, my job is to handle questions from people like you.” I then replied, “I thought you said I was the only one that complained.” Of course, he quickly departed after that. We all know that if he had told me anything different, he would have lost his job.

I want the same remedy that Northern Californians have received. I pay my utility bills just like they do and I want to be treated with the same remedy that [they] received: IMMEDIATE REMOVAL OF MY SMART METER AND REMOVAL OF SMART METERS SURROUNDING MY HOME.

How can the utility commission and the utility companies treat Southern Californians who are being made

sick by smart meters any different than customers in Northern California? They cannot. This is a formal request for removal of the smart meter illegally attached to my home and to the homes around me. Copies of this letter are going out to as many people, organizations, and government agencies as I can send it to, so you can't drop this one in the trash and say you never got my letter.

Sincerely,

Richard and Diane XXXXXXXXXXXXX

The following letter was sent to the CPUC judge overseeing the 'Smart' Meter proceeding:

Your Honor,

I am writing from the city of Burbank, in Southern California. On July 28, 2011 Burbank Water and Power, the municipal utility company that "serves" my home city, installed a bank of four GE/Trilliant smart meters on the side of the small fourplex in which I live.

Approximately four hours after the installation was complete I developed a band-like headache that was unresponsive to medication. The next morning I awoke with the headache and slight nausea. I thought I might be coming down with the flu. However, after I was away from my apartment, I noticed that these symptoms resolved — only to return when I was back in my apartment for about 4 hours. This pattern continued for the next three days. I began to have trouble sleeping and difficulty concentrating. I also experienced some transient heart palpitations.

Prior to this I knew nothing about smart meters and had no idea that they could impact human health. I am devastated by these developments.

My current residence has been a haven for me — until the meters went in. In an almost nightmarish scenario the place that I call home is now off-limits for me. This is particularly problematic because I am disabled and rely upon Section 8 rental subsidies in order to survive. I cannot move within my home city because every building is slated to receive the meters by the end of 2011.

I have spent the past 22 days living out of my car, finding shelter at various friends' homes in the evening. The temperatures in Southern California have been in the high 90s and over. I am exhausted, frightened, and do not know where to turn.

I have spoken to the board of BWP at a public meeting. The best they could come up with is the suggestion that I move into another city. This is problematic because the closest city to me is Los Angeles. To transfer my housing voucher to Los Angeles is a Sisyphean task. The housing authority in Los Angeles (HACLA) is a poorly-run, huge bureaucracy that has been known to cause tenants to lose their housing vouchers through mismanagement. I have called five different telephone numbers to try to get some guidelines about transferring — all to no avail. Meanwhile I struggle to keep my health and my life together. I take anti-seizure medication and my medication schedule has been disrupted by the random and brutal way I am living right now.

This is so very wrong. I have been displaced from my home of 23 years due to the installation of the meters. To be sure, I am currently in the minority of people who are known as electrosensitive but I do not believe that I should not be subjected to the suffering and losses that are my current reality. If I were physically challenged and needed a wheelchair would I be thrown out of my home? I think not — there are laws that protect against this. Why, then, should I be denied the fundamental right of a home — a home that I have been healthy and happy in until the meters were foisted upon me?

Where can I go? My 84-year-old mother lives 10 minutes from me and I believe that it is my duty and right to remain close to her in the event that she needs to call upon me for assistance. As a disabled woman (I've had four brain surgeries), life is difficult enough without being displaced by a technology that I have neither asked for nor consented to. I consider myself to be a resourceful and strong person, but I am feeling overwhelmed by what I am facing: illness and homelessness. I am college-educated and have a middle-class background but even this does not equip me to deal with my current challenges caused directly by the smart meters.

I believe that the utility companies have relied upon poorly-designed studies conducted by organizations (CCST and EPRI) that have ties to the communications industry, the utility companies, and that have financial interests in the smart grid infrastructure. I do not think that a thoroughgoing study into health consequences has been performed by either of these entities. The non-thermal effects of non-ionizing radiation (especially pulsed RF) has NOT been studied by these so-called "impartial" organizations. I think it is an outrageous and tragic turn of events that is affecting me and many other people. I have heard three of my neighbors (young people with no history of electrosensitivity) complain of headaches and insomnia since the meters were installed — and they weren't even aware that they had received them! I am

absolutely sure I am not alone in my suffering.

Your Honor, I ask you to take into account my situation when you consider what is being perpetrated upon the citizens of California. This cannot continue. I may be collateral damage — it's too late for me. But, please, think about the population and countless numbers of people who are having their lives upset and threatened by these dangerous devices.

I am not a believer in conspiracy theories, but I do believe what my body is telling me. This is real, this is true, and it should not be allowed to continue.

Thank you for consideration.

Sincerely,

Ms. Shane Gregory, Burbank, CA

from: July 26, 2010

Dear Barbara Boxer:

I'm currently living in a corner of my house the size of a single bed surrounded by aluminum foil. This blocks the Wi-Fi from my neighbors' houses and ambient EMF.

The Wi-Fi fields and other EMF make me sick. I've spent the last eight months extremely ill and spend much of my days in state parks where there is no Wi-Fi or electricity. I've had to stop working.

There have been nights at 10:30 pm, when I've been driving around, looking for a place I could sleep with no Wi-Fi, and there was no place to go. If Smart Meters are not stopped, there'll be no place for me to be. European countries have standards for health for EMF safety. America does not. I may be a canary in a gold mine but I'm an early warning sign for everybody else.

All our bodies are delicate, organic bioelectrical systems and not made to be constantly bathed in the electrical frequencies that Wi-Fi and Smart Meters put out. It's so toxic, and this needs to be addressed so that I can come out from behind the foil screen. There's been no place to turn. Society has had nothing to offer me in terms of help.

This is an urgent and life-threatening issue. Please act on behalf of the well-being of your constituents.

Sincerely, J

One year later, Aug. 19, 2011: Recently I tried to spend the night in a neighborhood that had Smart Meters, in a home that was on the delay list and did not have one. After 8 hours, I was so ill I had to drive out of there at 2:30 in the morning. If I had stayed for another 10 hours, I would have been vomiting and convulsing. An opt-out plan is not a viable solution for health concerns. Smart Meters should not be put in until the health issues are resolved. J

Driven Out by Power Line (PLC) Signals

Jack (not his real name) has been sensitive to wireless transmitters for well over a decade. For that reason he stays away from the cities. He and his girlfriend spend their winters in Arizona, and the summers in eastern Washington State.

In the spring of 2011, they traveled to their rented house in eastern Washington. When he arrived, he could immediately feel something had changed. It was as if a cell tower had been erected nearby, but he could not find one. It was unlikely to be the neighbors, since they lived on a large lot and he could still feel it when he drove some distance away. It seemed to be everywhere. Jack's girlfriend stayed in the house while Jack drove back down to Arizona.

After asking around, they found out that the local utility had swapped out all of the electrical meters over the winter. The new smart meters communicate with the utility's computers by sending signals through the power line back to the substation. This is called power line communication (PLC) and is mostly used in rural areas.

The specific system used is called TWACS. This system works by transmitting pulses 120 times a second. Each pulse contains a brief signal of higher frequencies. Since all meters share a common wire, only one meter in the area can transmit at a time. Each household meter can transmit for only a few minutes each day, or even only once for several days.

The pulses travel for many miles and back feed into all houses on the grid. It makes no difference whether it is the meter on one's own house that transmits, or one on another house. There is a constant stream of pulses on all wires throughout the house. The household wiring, as well as the power lines along the streets, are all turned into unintentional antennas. The signal is not very powerful, but the antennas are huge and everywhere.

Jack came back up to eastern Washington a month later, but he had to camp in the back yard. The pulses

bother him even fifty feet (15 meters) from the house, with the power line 150 feet (50 meters) on the other side of the house.

The house is rented. The couple decided not to bother complaining to the landlord and the utility company. Even if they got the old meter back it would not help. There is no way to stop the pulses coming from the outside. Instead, the couple will soon move away to an area without his menace. [Anon.]

My name is Diane Nagby and I and my pets are also a victim of the Smart Meter. Dizziness, ringing in my ears, insomnia, nausea, rapid heart beat. I had none of these problems prior to the installation of the Smart Meter. I came home from work and they had just finished installing the Smart Meter. That very night my animals started acting agitated. There is a constant feeling of uneasiness in my household now and at night a loud buzzing/humming noise takes place, which was never present prior to the installation of the Smart Meter. It is just plain old common sense that should tell us any amount of radiation in our household is NOT going to be good for us. A friend of mine that lives in Upland, California experienced a stroke just days after her Smart Meter was installed. How many people have to die, have their homes burned down (because the Smart Meter has been proven to be a fire hazard in some houses), get sick, watch their animals suffer, as I have, before we stand up and say ENOUGH is ENOUGH.

Until moving to the current rental I did not have the problems I am getting. I work from home and did not get constant exposure to a Smart Meter, as I did not permit one to be installed on my own property, and then after it was sold I lived in an apartment building that refused the installation of Smart Meters. Frankly when the electrical shocks in my body began at random I didn't connect the dots to a smart Meter issue. When my vision, recently corrected with a new eye glass prescription began to not focus at random times I didn't connect it to Smart Meters. Even without my glasses at random times I am unable to clear my vision, as if I just woke from a very deep sleep and am still groggy or am drugged...nope, no drugs either. The fogginess and random electrical shocks go away when I am away from this house. I just learned this morning that there is a 'stupid' meter installed on my bedroom wall. I say stupid because proper studies were not done to assure the safety of the equipment...made where...China! and we know how safety conscious that is.

My body is very sensitive to electrical fields, and I demand that CA which normally is so environmentally conscious, take responsibility for these meters and put a stop to them. Make the electric companies and their investors swallow the cost and not allowed to pass it on to customers. We didn't ask for this fake improvement. Carol Church, Placer County CA

On Dec. 31st, 2010, approx. 22 smart meters were installed in our building. They are directly under our apartment. On Jan. 26, 2011, my husband, while sleeping, suffered a tonic clonic seizure. All tests came out ok. But he is now on seizure medication. However, I notice that his hands twitch at night when he is asleep. Then more slowly, I began to feel a buzz in my feet that went up my legs and then twitching developed. Never in my life have I had this sensation. While I am away and at work during the day, it goes away and I don't have these symptoms. Also while in our apartment, especially the bedroom, I get ringing in my ears which I never before have had here. I used to be able to completely relax in my bedroom but now always feel like I'm laying in an electric magnetic field.

I was awakened at 3:30 am this morning because of the tingling in my left foot and leg was so strong also I had a racing heart. This is a feeling of something from the outside coming in. When I get up and walk around a little it seems to be a little better but laying down in the bedroom causes the feeling to return. Also in the bedroom I experience the brain fog and can hardly complete a sentence. It's a very strange sensation. I have none of this at work — only at home and especially in my bedroom. I know we need to move. M. Dawson, Marin County, CA

"This is a health issue," Pauline HOLETON said. "I'm sensitive to electromagnetic fields. I got a smart meter put on my house in November and got it taken out in January. I told them I would take a chainsaw and rip it off if they didn't come out and get it. I now have the old analog meter." Michigan News story

After having a smart meter installed on our home, with out any one ever asking if we wanted one or not, I have terrible headaches every single day. I was never the type who got them. But now it's a constant. And incidentally every time I'm away from my home for a few hours they go away. More importantly my husband has developed a tumor on the side of his head, on his temple. Upon the Dr. ordering the CT scan

they also found a cyst in the posterior portion of his brain. I also fear for my toddler because her room is closest to the smart meter. What effects will or does it have on her? This has to stop. Does body remember the issues with people and PG&E near Bakersfield and Kettleman City? How many people suffered at PG&E's hands. They are not a forthright company! I will do everything I can to get this meter removed from my home. Wish me luck. ~ Placer County, Ca.

I am so sick & dying from the smart meters. I was sick before I moved here & became way worse. Several hospital trips and two hospital stays. One in oncology & 1 in trauma dept. I have mercury poisoning from having a lot of silver MERCURY dental fillings (nightmare story) & have had more than my share of radiation for a life time starting 30 years ago when I had Hodgkins disease & then all the years after from EMF exposure. So I could not wait to get out of last building where I fought Sac. city council to stop 6 cell tower panels being put on roof but lost that battle.

I learned there were 8 smart meters on my bedroom wall & 20 across the sidewalk plus right out my door is the spa & pool- we knew why I was throwing up blood, heard surging & ringing noises & literally felt & feel like I am being electrocuted. This is the most horrifying nightmare journey I could ever imagined. I fight for my life literally everyday. I am on section 8 for the 1st time & only get SSI which is being cut again. I was told from apt. complex & SHRA that I need a doctors note to be able to move & to get out of here but cannot find a doctor who is educated on this & your regular doctors think your crazy. My lease is up & out of retaliation they want me to pay \$150 more to live in this place that is killing me.

I am very sick, sad and very ticked off. If someone can tell me who could write me or give me something saying the PGE meters made me really sick & are killing me ... Where do people go to get diagnosed & I have no car & no where to run or hide but I wish someone was doing my story of my journey for years now but especially now in case I die I wanted people to be educated on what I have had to learn the hard way full circle 1st hand so they do not have to get sick & die & not know the truth of their illnesses & or death and just handed a pill or poison or cut on unnecessarily... I have no EMF protection yet since I am so poor. Belva, Sacramento CA

I have recently moved to a place with a smart meter.

Since I have moved I have experienced, headaches, agitation, dizziness, upset, acid reflux, and ringing at certain periods. I am sure it is the smart meter. I am not sleeping well and do not feel refreshed, the headaches are constant when in or near the home, but gone immediately upon my leaving.

I work outside on ranches in rural areas. When I am in these areas I do not experience these side effects. I want this device removed from the side of my home and any within my neighborhood as well. They are not UL approved, they are known to be dangerous and this is illegal and a crime, I will do everything in my power to educate people about this and to stop the installation of these torture devices. D.Holden. CA

I suffer from EMF sensitivity and although my husband and I were able to prevent PG&E from installing a smart meter (oxymoron) at our home, we are already feeling the ill effects from our neighbors' "SM" which was installed within 10 feet of our house. My husband and I are both having intermittent heart palpitations and I am suffering from nausea and have intermittent headaches and eye lid spasms that are only on the right side of my head (which happens to be where most of my implanted metal is, including my titanium jaw). I have attached an image to help you understand. I feel so violated, especially when I KNOW they (EMFs) are dangerous. My husband and I have taken every measure we can to at least have a home that we feel can be a sanctuary, and have taken every measure short of installing a faraday cage throughout our house. We have no WIFI in our house, nor do we have cell phones or cordless phones and I have never even owned a microwave oven. We have Stetzer filters on the outlets in every room and we sleep with all electronics unplugged. It is bad enough that I can't go to many public places without physically suffering from unhealthy levels of EMF enhanced by negative ramifications from WIFI. Peer-reviewed science exists warning of the dangers of SMs, yet PG&E continues to sell the story that serves them. Their short-sighted and greedy "fix" to their past blunders will have long term ramifications that will cripple our already suffering medical system. I'm at a loss, perhaps the masses are ingesting so much fluoride from the toxic water Marin Municipal gives us that the world of WALL-E is closer than we think... "say it ain't so..."

Caroline Kim Jonsson, San Anselmo, CA

I am EMF sensitive, use to live under cell phone tower, had to run away from it. Now the worse nightmare

had come true again, the smart meter just right out side and in our living space, in the front, on the back yard and everywhere around us. Try to escape but don't know where to go, My vertigo is getting worse everyday, not even mention that awful nausea, leg cramp and so on. I work in a commercial kitchen because it is lined with mental walls, I swear to God, every time the radiation come through the wire and lights, it felt like a radiation chamber, we are being slowly cooked, I know people do not want to face it, it is inconvenience truth, but who know among my co-workers many of them whom had prior health concern is now been told need surgery and such, make me wonder how they going to recover from our radiated home, those female co-worker having more emotional break-down and don't know why, can we make a connection here! Or we are going to pay a huge price for it. Robert Bucher, Sonoma

The smart meter was installed in my neighborhood about a week ago, after it was installed my dogs started going crazy. I have not had a good night sleep since. I tried to figure out anything that could be causing their change in behavior, but the only thing different was the smart meter. They act just like they do when there is a thunder storm or fireworks going off. They are constantly jumping up and down on me acting very nervous and never lying at rest. They act like they hear something and it is very upsetting to them. Can this be possible? Any other complaints from dog owners? PG&E left a flyer saying it has not been activated as of yet??? Would that make a difference to the high frequency? Any help would be appreciated and I will do all I can to help stop this process. M.R. Sonoma County

PS. I realized that I also had a problem with my garage door opener. I had my garage open on two different occasions...I was very alarmed and upset because my side door is always opened for the dogs. I heard a loud roar and I couldn't figure out what it was and upon opening the back door, I saw my garage door was up.....lucky my dogs didn't get out.....I didn't even think of the smart meter until now. This happened twice. I had to unplug it. I now believe the coffee pot was crackling from the electric outlet and not on.....I can't be sure of the coffee pot because I can't remember if I saw the green light on or not...but to be awakened in the middle of the night to popping sounds was very unusual.

ADMIN note: This person's meter was removed the very next day after they called PG&E. This is unusual, the majority of people who have complaints are unable to get them removed.

I have been living with a smart meter for only 3 weeks and have been suffering nausea, anxiety, depression and a low grade head ache. Prior to moving into a smart meter vicinity I had none of these symptoms. Smart meters emit pulsed microwave radiation which has been found by numerous studies to be health damaging. I want my smart meter removed but have been told by P G and E that I have no choice in this. I will continue protesting until my meter is removed and the longer I have to wait the more I will spread the word about P G and Es invasion of my privacy, installation of a health damaging device and refusal to remove it. I.W. Menlo Park CA

I cannot explain nor rationalize what I have experienced in the past few months since PG&E installed a smart meter at my residence. Since February 2012 I have had experienced the following: My Labrador Retriever had a case of old dog vestibular "vertigo", both my Schipperkes have been diagnosed with diabetes, one now has Cushing's disease, I myself spent a day in the emergency room with vertigo and almost 3 weeks not being able to work due to the vertigo "I still have symptoms" and now one of my dogs has an unexplained infection? I have been a licensed electrical contractor since 2004 and have been in the trades since 1993, I have never heard of anything like this nor would I believe a silly device on a pole 15' from my home could cause such effects. It's just, could it cause them? I do not see that the device at my home is UL Listed? Has it been tested? I called PG&E and asked to have it removed they said that there would be a fee to remove it and that the power I used from that day on would be charged at the highest rate? How can that be? Why have the PUC if they do not regulate the utility companies? M. F. Sonoma County

I have been experiencing ringing in my ears at home for the last 5-6 days. I read an article last night about these smart meters causing tinnitus and I realized the ringing began the same time the meter was installed. I did a test today and while I was gone from my home for a few hours I did not have the ringing, yet after I was home for 1 hour my ears began to ring. How do we protect ourselves from this? No one asked if we wanted it, and If I can no longer deal with this problems where am I supposed to go if they are being erected all over the state of Ca? Maybe one by itself is not a problem, but think of how many neighbors you have all around you. That amount of EMF's have got to become problematic. J.B.

I have been trying to figure out why my daughter and I have had such intense headaches and now I know. I want my Smart Meter removed. I am the owner of this home and I should have the right to have or not have a unit that puts out so much radiation. I do not and have not ever had wireless internet or any wireless in my home and yet I have it stuck to my wall without knowing it. I'm very electrically sensitive. Since having it installed I have had very intense headaches that nothing helps as well as heart palpitations. I called PG&E today to ask that it be removed and they refused. I also filed a complaint with the CPUC today. We'll see what happens. E.B. Stockton CA

While my landlord and housemate and I have temporarily succeeded in preventing PG&E from removing our analog electric meter in favor of a wireless smart meter, my next door neighbor's landlord thought it would be a fabulous idea to have one installed. This happened about a year back prior to the massive deployment now underway.

Soon after the install, I began experiencing piercingly loud high-frequency ringing in my ears and noticeable cognitive impairment. I've also become unusually tired whether working at my home office desk, reading, or doing virtually any activity in this house, regardless of having had enough sleep. At first I thought these three symptoms were due to increased doses of Warfarin (generic version of Coumadin), a blood thinner I must take which precisely regulates blood viscosity to support optimum functionality of a mechanical mitral valve embedded in my heart. But, after Judy clued me in on the many dangers of smart meters and told me of the symptoms, I put two and two together and deduced the problems are most likely as a result of the smart meter on my neighbor's home approximately 25-feet from my living quarters. She has also experienced cognitive impairment since she moved in. Unfortunately for her and her five-year-old son, the meter is outside the wall to the living room area. A. P., Los Osos, CA

I have been disabled by electrosensitivity for about 5 years, but not to RF, just to ELF (power lines, motors, etc — magnetic fields). But since June of 2010 the area I have been in was thoroughly smart metered, so they have been all around me but not on the house I spend the most time in because we put up No Smart Meter signs. On one side of our house is a parking lot, and on the other was an abandoned house, which is now almost completely remodeled, and this is where the electric smart meter was installed, two weeks ago, just 10 feet away across the driveway, facing our home.

I had some hope that I might be able to "live with" a smart meter — after all, so many people are seemingly unaffected. However, when I went to move the trash bins (which sit about 10 feet from it), the first thing I noticed was a headache and stiff neck, and a building up of an awful feeling that included nausea and dizziness.

As the days went on, I noticed that it was hard to breathe well, like there was a weight on my chest, and tightness in my chest. I also noticed my heartbeat felt different. There was a feeling of panic, wanting to flee but nowhere to go. The nausea/dizzy feeling remained low-level, with some disorientation and balance problems, flu like symptoms. There were pains to the head that came on like strokes of pain from a whip, being laid deep into my brain.

The smart meter seems to be transmitting two different qualities. One is a widespread field that attacks and drains you, and the other is the head pain that comes in sporadic waves and builds up along with a stiff neck and contributes to the draining effect. The pain I believe is from the pulses, which are completely unpredictable and can come several times a minute or there might be 20 minutes with none. The general field has a distinct character of its own, a very NASTY and aggressive character, that creates a sensation so bad that the effect over time is as if there are microscopic teeth constantly gnawing away at you. It is as if, at the most minute level, the cells of your body are being attacked. You become exhausted — you feel like you are under constant siege. The best description I could think of is that when you get away from it and are able to catch your breath and assess how you feel, it is like you have been taking a constant beating at the cellular level. You feel debilitated.

I have a piece of very effective shielding cloth and that is really the only thing that made it possible for me to be in the house at all. I have one square-meter of this, which I folded over into a triangle and wore as a head-wrap. I contemplate getting enough of this shielding fabric to make a burka and/or drape over a small tent for a refuge.

So I wanted to try to describe what it is like, the "smart meter air": the air is filled with a kind of jangling, a very, very fine but nasty kind of shredding, grinding dissonance.

A.C Alameda County

A year ago I developed trigeminal neuralgia along with dizziness and weakness. Now I have peripheral neuropathy which includes burning, tingling and numbness. After reading the article in the LA Times about Smart Meters I called SCE to find out when they installed them here. They said May of 2010, a year ago, which coincides with my neuropathy. There are 8 condo's utilities up against my bedroom wall. There are 8 more in the building close to my only other outside wall. I live in 500 sq. ft. There is no place to get away from being zapped. Please help. A.F. Orange County

About a month after PG&E installed the smartmeters, my husband and I both started getting headaches, some so severe that sometimes I was getting blurred vision. We both had very loud piercing sounds in our ears. Finally my husband said it sounds like a telephone poll or something buzzing outside all night long. Last Easter, my sister offered to let us stay with her at the Horse Ranch for 2 weeks. First day the headaches went away, and that loud piercing sound in our ears went away overnight. Our sleep went back to normal. The entire time there, we both felt so refreshed from 3 months of agony.

Not less than 2 days after we came back, it all started up again. Now I was nervous and my heart also started racing all of a sudden at times. From what all heard, it almost resembled an anxiety attack! Just that weekend at the PG&E office was people gathered about the smartmeters. I was curious and decided to listen in.

Well, I was shocked! I just remembered that our smartmeters had been in for 4 months, and two of them were outside our bedroom wall. We immediately decided to switch the bedroom with the living room. In fact, sometimes if my husband leaves the bedroom door open, the whole house becomes infected with that piercing hiss and a pain at the back of your head. We looked for another apartment without a smartmeter, and found one in Santa Cruz. Since then, the only small hiss I heard of the marvelous ocean waves instead of that nagging piercing sounds. How on this precious earth can something so monstrous be allowed to continue????? Posted by Ruth on EMF Safety Network

I'm already electrically sensitive. I immediately feel very sick when I try to use a cell phone (and have for years). I feel dizzy in a home that has WiFi and also in banks, airports and places with a lot of radiation. Given this, I do not want (and will vehemently fight the installation of) a smartmeter. My 34 yr old daughter became immediately ill right after a smartmeter was installed on the house she was living in. Her symptoms were all the ones I've read about – strange headaches, pain in the ears, dizziness, heart stress and insomnia. She had to move from this house after a few months as she just couldn't sleep! I cannot express strongly enough how criminal it feels to me that the CPUC has mandated 24/7 radiation into my home without my approval and without proper research on long term health effects. Why should I have to prove that EMF is harmful to me? The CPUC should have to prove that it's not harmful. I have never seen such violation of our civil liberties and rights!!!! I demand that I have the right to keep my present analog meter with no additional cost! J. S. Lake County

I am going to take on PG&E starting tomorrow for damaging my health due to the installation of 4 smart meters right outside my bedroom window, and since then my health has been continuously deteriorating. I have insomnia, nightmares, headaches like an ice pick is being jammed in my head, foginess, blurred vision (and getting worse by the week), tinnitus, and heart palpitations, all of which never existed until the installation of the 4 smart meters last Summer, and gradually getting worse. I moved my bedroom into the living room, of which reduced the effects by half, but that's not good enough when something that is killing you is still in your home! All of my symptoms are documented by my physician, but he said they are vague and cannot be evidenced as produced by smartmeters. I was a trained Naturopathic Doctor and absolutely know my own body, and every time I leave the house for extended periods of time, all the symptoms miraculously vanish! It has been a 5 month ordeal calling countless times, PG&E, the Smart Meter reps, both of which tell me there is nothing I can do since they claim they cannot remove the smartmeters... PERIOD! In retaliation, last month I gave them a decision to remove the smart meters in 10 days or I would remove them myself. A man called me from the Smart meter office and said the moment I remove even one of the meters, the police will be called and I will be put to jail. So, the only decision they gave me was to sit at home and die. Seriously... I think I have only a few months to live if they leave these meters outside my bedroom window. I spoke to 2 supervisors from Smart Meter company and both told me there is nothing they can do, and that there was going to be a public hearing about other complaints, but don't know when, said it's going to be a while... and couldn't give me any date as to when I can expect a public hearing on

the matter. Both confirmed to me on the phone that there is no reported adverse affects due to the smartmeters, and started trying to convince my body on how safe they are! However, because I know all too well here, one supervisor recommended that if I'm not happy where I live that I should just move out! I can't afford to move out, and why would I want to if I'm very happy here apart from the damaging health due to the meters. This weekend I have finally had enough! I decided to take PG&E to court in a lawsuit. I am in process of locating the attorney as I write this. I am going tomorrow into the office of PG&E and giving them 10 days to remove the smart meters so it will be recorded on my account since jail or death is my only option at this point! So, my constitutional right to health is being outright violated by ELF Wave poisoning with Big Brother in complete control as someone who is slowly torturing and murdering me! PLEASE HELP, in any way you can, and QUICKLY! Please help do something about this before I am murdered by the PG&E company! I feel like my brain is exploding in my head and it's getting worse by the day!

A.S. Sonoma County

I have read in horror the testimonials on this website. My SM was installed at the end of October 2010. Since that time I have developed tinnitus, which is incredibly irritating, bordering on painful. The head of my bed was located on the opposite side of the wall on which the SM is located. I have moved my bed to the other side of the room, but I'm scared to death that it will get worse and that I will experience other symptoms, such as cardiac arrhythmia's, which would be a disaster as there is a history of an inherited disease, Hypertrophic Cardiomyopathy, in my family and my sister died of Sudden Cardiac Arrest last year, a common cause of death when you have this disease. I called PG&E in panic, but they are all inculcated with the corporate line that there is no research to support the claims of health problems. If this is true, why are so many of the people writing these testimonials talking about developing tinnitus? Where is the point organization that can fight this monster? Margery Entwisle Mill Valley, CA

Smart Meters were installed in my neighborhood on April 15, 2011. Since then I have had constant ringing in my ears. Smart Meters violate my constitutional right to be safe and secure in my home, 4th Amendment. Smart Meters violate my privacy and my health. This is a KILLER and you know it. S.B. Orange County CA

I've had the Smart Meter installed in my home several years ago. I am now wondering if the Smart Meter was the cause of my sudden onset chronic headaches and dizziness, vertigo, that has left me about 25% functional to this day. G.T. Sacramento

I am VERY ill from the Smart Meters! And I am just putting together all the ways this equipment is ruining my health. This needs to stop NOW! W.T. San Mateo County

I am (was) a very healthy individual, and have all the past medical information to prove it. In the last year I have been suffering illness that I feel is directly related to the Smart Meter on my home. The electromagnetic currents are so strong I can feel them and hear them in my home. I now wake with headaches, I have dizzy spells, I'm getting skin rashes and more. I have repeatedly placed complaints with the CPUC and PG&E, to no avail. I have no alternative but to move to a house outside of the PG &E territory. Removing my meter alone won't solve the problem. My house is at the hub, the terminal, for the neighborhood distribution and the adjacent neighbor's meters are on my side of their houses, putting me in direct line of current for three homes. I want these things removed so I can resume my life, which is on hold. C.L. Yolo County

As an older adult who has been treated with radiation for lymphoma I am opposed to "smart" meters. I also cannot afford an expensive opt out plan. In fact I believe it is discriminatory to impose such fees on people who have legitimate health concerns. B.R. Marin County

Since December I have been experiencing a terrible condition called Tinnitus. I hear sound in my head 24/7 which at times has left me unable to work or sleep and coincides with the installation of new smart meters on my home. Tinnitus is something I would never wish on anyone, it can drive one crazy. it has affected my work and my life. I want my life back. I demand more research done on health impacts of smart meters before installing them on anyone else's home! H.K. Alameda

Yes, I got big headaches, depress, and weak every night until early morning on my bed near smart meter. I can't think straight out because of smart meter. I don't feel like to eat because of sick every day. I went to Los Angeles, CA for visiting my sister and feel clear up my mind and restore my health but I have to go back to my home and come back to sick again. Donna Avent, Taft, CA (Kern County)

Though I never was electrically sensitive before, an extreme exposure to Electro Magnetic Frequencies (EMFs) from just one of PG&E's digital SmartMeters, (from 10/31/09 to 3/3/10), left me as an electrically sensitive person. Along the way, the experience of dealing with PG&E to take the SmartMeter out was truly creepy. Now, a year after the SmartMeter was removed, 30% of the symptoms still rule my life. Here is the sequence of events: In early December 2009, I began experiencing nights of fitful sleeplessness. I soon had less and less energy in the day time. I began having localized headaches and worried why I was constantly a bit dizzy. In January the dizziness became worse and I began feeling very oddly 'spaced out'. I began having strange strong cramps in my legs at night that woke me up. My eyes were constantly extremely itchy and incredibly light sensitive, often with strong pains in my right eye. My normal mild tinnitus was far far worse. Also my familiar chest pressure and pains were far more pronounced and far more often. I had no idea these things were related. At first I just felt guilty I had allowed myself to get so out-of-shape that I could not find a solution to the horrible insomnia. By January I had such serious memory problems I often could not remember what I was doing from one minute to the next. I would find myself standing still, staring into space, and vaguely realizing that something must be wrong with me. By February, when speaking, hard as I tried, I could not remember the most common words, and was spelling words phonetically. Also, the stutter I had as a child began to return.

By the end of February I realized I was becoming more and more dizzy as the days went by. One day I was so dizzy, I literally could not walk and was actually staggering. Also, by then, I frequently saw in the mirror that my face was Bright Bright Red. And since I had no feeling of being hot, I finally knew something was really very wrong and that the cause was not insomnia. But I had absolutely no idea what the cause could be. It is only because of two purely chance incidents that I discovered the cause was just one SmartMeter seven feet below my bed.

In January and again in February a friend using my garage as a theater rehearsal space, twice came upstairs to the apartment to tell me that as a person who rarely got headaches, he could not figure out why lately whenever he was in the garage he would get horrific headaches. But, as it turns out, he had been sitting and standing about ten feet from the SmartMeter.

Through this whole experience, there were two ambulance trips to the emergency room for racing heart. Both times at the onset I was in no stress whatever. When the pills that are supposed to slow the heart rate down did not work, I had no choice but to call an ambulance. Both times, at the hospital, my heart checked out just fine. The first time was before the SmartMeter was taken out. The second ambulance trip to the ER was one morning 6 weeks after the SmartMeter was taken out. I had been sitting for a few hours at my desk 25 feet from a power pole. This was the day I realized that even though the SmartMeter had been taken out, it had left me as an electrically sensitive person and I could no longer use that office or enjoy that roof garden as I had for the past 30 years.

For this whole past year since the SmartMeter was taken out, I have had to completely interrupt my cultural-exchange business and personal life to only focus on finding ways to shield myself from EMFs. Every day is a fight. It is serious stress. I am on constant overwhelm. Lately the symptoms are worse again. The strange leg muscle cramps are waking me up again at night. In this past year I have lost half of my hair. The tinnitus is worse and worse in just the last few weeks. There are fewer and fewer places I can go, out of the house, to avoid EMFs that do not make the Tinnitus worse. I worry a lot about cancer and the health of my neighbor's children. And I know there is no where to escape to. Maya Cain, SF CA

I have developed nodules on my thyroid, dizzy spells, difficulty swallowing, and petite seizures, since the smart meters were put in. I have never in my life had anything like this, and I am so upset. I have always been in good health. I am looking for some help, on how to save my life. L. M. Pacifica CA

Since the December 4, 2010 installation of PGE Smart Meter in my apartment building, I have been a Smart Meter refugee. December 30th I fled my apartment with severe symptoms and only the clothes on my back to Marin General ER. After 3 months, even though I have been with friends (11 moves), I am now homeless. To date, I have exhausted: the landlord, Legal Aid, Fair Housing, District Attorney, Sacramento,

trying to get an atty, Marin Housing Authority, many, many of my doctors, Jared Huffman/Supervisor's office, Health Dept., Environmental Dept., and still cannot get any help. I have forwarded the recent March CPUC document with "opt-out option" to my landlord, and she still does not think there is a "problem" on the property. Cannot move out b/c of symptoms when on property, cannot pay 3 months rent to transition out, and exhausted and depressed from this battle w/o any disability rights protecting me. Like many with the symptoms, I am on my last and giving up... exhausted from trying to get help, afraid of my health, depressed, crying all the time, difficult to work, cannot get the proper sleep... I Don't know how much more I can tolerate w/o major support. All I want is my life back. ZEENA QUINN, Marin

This past year I have become electro-sensitive due to the many wireless communication bands in the air. I cannot even go into coffee shops anymore without getting 'burned', a feeling of intense sunburn. This is one of the many symptoms I now suffer. Recently, my wife has been getting intense headaches for no apparent reason. I myself have recently suffered symptoms of a heart attack. I had to go through extensive testing that hit hard financially. We just discovered that the smart meter had been installed here without our permission, which coincided with our physical problems. We are so upset about this that we are now considering legal options, at the very least to cover the cost of our medical expenses .KB, San Mateo County

I woke up this morning to a SMUD employee knocking on my door letting me know they were installing smart meters in the neighborhood he replaced my old meter and went on his way. After he left I noticed my scalp tingling and it just wouldn't stop the unit was place on my wall outside my Kitchen I was sitting in the living room most of the morning. Not only did my scalp tingle but I felt a little dizzy. I left and went on a bike ride and felt fine as soon as I got back I felt dizzy again and my scalp started tingling again. These were both abnormal I never feel dizzy and my scalp rarely tingles. I called SMUD and asked them to take the meter off the guy still has the old equipment and is right down the street I passed by him on my way back from the bike ride through much resistance they agreed to call him and have him put back in the old meter. Within minutes after him leaving with the old meter installed again my head stopped tingling and I no longer felt dizzy. This is proof enough for me there's something wrong with those things. If there is any way I can help in signing some sort of petition or something I will. Please let me know this is a complete home invasion where can you go to relax and feel comfortable if you can't go home to do that. S.L. Sacramento CA

About two months ago, after sitting in my living room for several hours, I took my pulse; it was wildly irregular, skipping a beat every 3-7 beats. My pulse had never done that before. I then took my pulse in a number of places inside and away from my house. My living room is basically the only place my pulse skips beats. The irregularities occasionally occurred in a milder form in the dining room, which is at one end of the living room. When my daughter was visiting, we sat in the living room for 20 or 30 minutes, then took our pulses. Both our pulses skipped a beat after 10 to 11 beats. Why was my heart pumping irregularly only in my living room? At some point I remembered that a SmartMeter had been installed a few months earlier on the outside of my living room wall, directly behind my sofa. From what I have read, an irregular heartbeat can be dangerous. I told PG&E about my experience, but they refused to remove my SmartMeter, so now I don't go in my living room. A.H. Monterey County

The following letter is from a prominent doctor in Napa:

"I have a patient who is being injured from the SmartMeter. She has a history of Cardiomyopathy from infection and was doing well until the SmartMeter went in last fall. She is now back in Atrial Fibrillation and needs meds she does not tolerate well. It is all a result of the extra EMF. I will send you copies of articles about how EMF effects patient's heart rate. Is there are special complaint form I could send off to the SmartMeter company that you use? I was going to dictate something for my patient and reference the EMF and heart rate issue".

They installed our Smart Meter about 3 months ago and I have been extremely sick from the day it was installed. My husband who never has headaches, now has one 24 hrs. a day. I have been extremely sensitive to RF/EMF since 2005 when a neighbor had 2 Sprint cell towers installed next door and we were forced to sell and move.

We are trying to move now, but you have put Smart Meters on every house that might work for me. How

come you don't have a contingency plan for RF sensitive people? You have made my life a living hell and won't even give me an option to have my old meter reinstalled even with a Drs. note saying how sick I am.
J.M. Riverside

URGENT!! HEART CONDITION- SMART METERS MUST BE REMOVED IMMEDIATELY!!! A bank of Smart Meters, that emit radiation 24 hours a day, were installed on the wall of my home, and I have been severely affected with heart palpitations, non-stop ringing in the ears, shortness of breath, insomnia, and sleep interruption, and more. I posted signs not to install smart meters, which is a legal action, but PGE/Wellington Energy illegally trespassed and ignored the signs.

I have a heart condition, and am EMF sensitive, and yet despite many very futile calls to PG &E, they have not removed the meters, nor have they replaced them with the non-wireless analog meters that have worked perfectly for decades. I have been an excellent ratepayer for decades, I am low-income and cannot afford to move. This is unjust discrimination, and gross negligence not to allow an "opt-out" of any kind. And even worse, with PG & E being fully aware that I have a heart condition, they have added more smart meters on the wall of my home, and they are threatening to add double the meters to my home in the next days, or weeks. How can a utility demand that our health, and the health of our families, and pets be exposed to 24 hour radiation, with no ability to say "NO"? Anon, Sonoma

For the past few months, I've been having more problems than ever, including difficulty sleeping, fatigue, headaches, and a level of 'brain fog' that I have never experienced previously. I did not correlate this to SmartMeters, because I had heard that our unincorporated Sleepy Hollow area of Marin was going to be among the last areas to get SmartMeters installed. Recently, I called the PG&E hotline to be placed on their Do Not Install list, which the courteous rep did. I then went outside to look at my meter, which I had NOT done since August. To my shock, a Smartmeter had ALREADY been installed. *** (No notice was given after the fact, either.)

I called PG&E back, and another rep told me, "It's not hooked up." I called back again, got another rep who told me, "Oh yes it is. It's been hooked up for months!****I don't know why the other rep said it wasn't." He also told me it 'only transmits in the dead of night for about 40 seconds.' Both reps confirmed that our conversation was being recorded. I would suggest to anyone who calls the PG&E hotline to record the conversation themselves as well. I wish I had!

*** My health issues correlate directly with the date that the SmartMeter was installed on my property. I pointed out to him that this contradicted PG&E's rationale for continuous monitoring. Then I hung up. I have since spoken with several neighbors, who also received PG&E's 'notice to install' two weeks ago, yet they, too, discovered that SmartMeters were ALREADY installed on their property. That's either incompetence in coordinating installation schedulings and mailings, or intentional deception. Steven Halpern, Marin County

I am extremely sensitive to EMF and RF signals since 2005 when a neighbor had 2 cell towers installed about 400' from our home. We moved from that house and I got better as long as I am not in any contact with any signals. Then we got our SM installed about 9 weeks ago and I have been extremely ill every since. My husband has sent letters to all of SCE magement and the CPUC and they all ignored us. He finally got an SCE EMF engineer to reply back and they sent out 2 EMF "specialists" to measure the signals twice, and both times they said our SM meter was OK. My husband has his own meter and showed the specialists that the meter is showing dangereous spiking every 15 seconds. SCE's meter did not show the spikes. My huband got the made and model number of their meters and talked to the company that makes them... apparently the meters they use only averge the signals and the 15 second spikes do not show up, so of course they are telling every body that complains they are within the "approved" range. My husband also measured their cell phones and the smart meter signals were about 5 times stronger then their cell phones. We have covered our meter with Heavy duty aluminum foil and a thick metal bucket. We have also lined our garage with it. It does cut our signal a little, but we still have all the other neighbor's signals blasting towards our house. The SM's use a repeater signal that sends the signals from one meter to the next.. they constantly "talk" to each other all day long and send data the same way. It's so bad in our neighborhood that I can't take our dog out for walks anymore. I feel it as soon as I walk out the front door.
Jana, anon

Two weeks ago they installed smart meters on our row of townhouses. A few days later i felt dizzy; this

changed to heart beat very strong – occasional racing – and now ringing in ears and pressure in chest as well. Dizziness subsided but have been waking up at 4 am and can't get back to sleep. There are also about 20 meters about 75 feet from my house; i look at them in a line of sight.

I seem to have been way more affected when they actually installed them in our block of 7 townhomes even though i am slightly further away from this meter box collection. it's like it comes in through the wires.

Those other ones were installed in Nov. or Oct. and i remember feeling nausea and more migraines from those. A few times a day we get this awful screeching too. I have been in a panic wondering where I can move? if it's gov't mandated then does it matter if we complain?

I also heard that PG&E could have installed all kinds of meters like cabled ones instead.

I never knew anything about smart meters until it happened to me. where can we go to escape, this is so scary. Anon

I have six smart meters right outside my bedroom and kitchen since they were put in i have been having headache's ringing in my ears and nausea. i know it's due to the radiation but it's hard to get people to believe me is there any help out there? i would welcome any advice or if anyone is going throu this please contact me. my together we could fight pg&e and have these things removed before they cause permante damage to me & my children or to anyone else.... Daniel G, unknown

Smart meters were installed at my house about a year ago and soon after I experienced ringing/buzzing in my ears that keeps me awake at night. I thought my clock radio was on so turned everything off (including computer, vcr...etc) but still heard the noise. Remembered the smart meter install and now see many other people with the same symptoms. More recently my ears have a burning sensation. Is there any way to block the transmission into the house? I feel like the inside of my head is hot. Thank you for the site. How can this experiment be legal? E. C. CA

Since I had the SmartMeter placed on my home (master bedroom wall by headboard of my bed) by SDG&E about 3-4 months ago, I have developed increasingly severe reactions to EMF (electromagnetic fields). I have constant ringing in my ears, getting louder and very distracting; headache, sinus pain, feeling of heaviness in chest, disorientation, mental confusion, difficulty concentrating and with calculation and driving, nausea, and very hard to use computer, phones, etc. Can't sleep well, insomnia, though improved with change of bedroom. My doctor wrote a letter demanding under the ADA that SDG&E remove the SmartMeter, the reply was that SM's don't impact health, and that my doctor is wrong that the ADA covers this, and they essentially refuse to remove the SM. Needless to say, I am shocked, horrified, and will take further steps. This is an example of Big Brother in our lives worse than anything I have seen in America in 60 years. They can harm and kill us legally now, in our own country. S.B. San Diego

Since the "smart" meter installation I've been suffering from headaches, losing sleep, and hearing high pitched ringing from time to time. I've already called PG&E to complain and requested they remove the meters...they said someone from their "smart" meter escalation department will be contacting me soon. Would appreciate any suggestions or advice you may have on how to get them off my home. I am very sensitive to RF signals. (Two weeks later...) PG&E is still refusing to remove my "smart" meter even though It makes me ill. I will be forced to sell my home and move if wireless smart aren't removed from my home and neighborhood. PG&E may have an easement to put a meter on my home...but a meter on my home that shoots RF in to my home and in to me, my partner and my child's bodies? As a Realtor it seems to me like that should be overstepping the limits of their easement. M.H. Humboldt County CA

"One month ago I moved into a house that has a smart meter installed on the same side of the house as my bedroom. I have been having sleep problems including insomnia, nightmares and restless sleep. I am epileptic and sleep deprivation is very dangerous for me. I have also been experiencing unexplained anxiety and irritability. I live in Oakland. I'm also having strange interference on my phone line."

(Update) " I have now been living with a smart meter for nearly 4 months. My sleep has deteriorated. I often only get 4-5 hours which is a serious threat to my health as an epileptic. My request to have the meter removed has been denied. I cannot afford to move, and anywhere I move to in this area will likely have the same problems. Past seizures have caused me to suffer brain injuries, and many neurologists believe that

seizures cause permanent damage to the brain. PG&E is putting me at risk of major injury and even death, since seizures can be fatal”
.A.L.M. Alameda County CA

I am disabled from a spinal injury and neurological damage from a severe case of Encephalitis. I moved into a small apt attached to my Mother’s house three months ago. Both my mother and her husband are also disabled. We all have serious health problems. They were not aware a smart meter was installed a year ago, right behind my bedroom wall. Everyone in the house has been having similar issues since it was installed, exhaustion, stomach issues, ear aches, ringing the ears, dizziness and skin issues. My health issues are complicated already and I cannot move again. I want to know what I can do to get this thing removed. Nobody asked, they just did it. I have signed petitions, I have written letters. What else can I do? My Mom has had 22 surgeries, Cancer, RSD, Interstitial Cystitis and much more. Just the fear that it may be adding to our health problems is unhealthy. She grew up under power poles and has always believed that played a role in her health issues. Although she knows now, I was afraid to even tell her it was there. I believe we as humans have not had time to adapt to the barge EMF from such devices and we need choices and a voice in the decision processes when it comes to technology such as Smart Meters. There are also privacy and other issues at play here that make me very much against Smart Meters.
T.R. Aptos CA

“I have been in the ER overnight three times this week, with unexplained sickness. I have had a CT Scan of the brain, Stress Test, CTA, EKGs, Ultra Sounds, Blood work and still no definite answer. We recently had a Smart Meter installed and these symptoms began about a week after: Extreme Stress, diagnosed TIAs, dizziness, headaches, nausea and fainting. I mentioned this to a doctor and he suggested that the Smart Meters may have something to do with it because the hospital has had quite a rise in illness of this kind reporting to the ER. “J.W. (anon)

My family lives very simply, we do not own a tv, do not have a computer in our home or microwave and do not use cell phones at home, we keep them in the car for emergency only. We also watch our energy usage and do not keep appliances plugged in. Within days after our smart meter was installed I experienced a very painful miscarriage. After the miscarriage I started experiencing mysterious pain throughout my body that could not be explained. My two children who are diagnosed autistic regressed in their autism after much work with behavioral therapy and other interventions. I sadly watched my father’s health decline since last fall he became very fatigued and weak and unexpectedly passed away in October 2010 of a heart arrhythmia. I believe the smart meter played a role in his health because he was very healthy until it was installed on their house last fall. T.M. Anon

I was unaware that a smart meter has been on our home for over 18 months, until I called to be on the delay list only to be told that I had a smart meter installed in 2009. I never got a knock on the door or a notice of installation, but during that time I had a series of strange health issues including a pressure in my ears for which I went to two doctors, irritability, insomnia, and general nervousness and extreme debilitating fatigue. I am not saying my health was perfect before, but I never had the consistent excitement which I thought was overdose of computer use, even when I used my computer at home for work sometimes 10 hours a day. Now, I hear a buzzing and feel hyper and we have discontinued our use of wireless internet and installed a land phone line so we minimize use of our cell phones as well. We no longer have wireless Internet, but so many of our neighbors do, that we feel like we live in a hyper anxious space. We are moving soon because I survived cancer, I want to stay healthy, and I feel better away from these wireless smart meters and other forms of EMF and RF. We moved to a neighborhood in a forest in West Marin that didn’t have Smart Meters. Less than a week after we closed on our home, the Wellington truck was at the bottom of my driveway, installing smart meters on this rural road in the forest trailhead. We did not get a smart meter because I put us on the delay list for this home, and told the installer not to install. I also had a No Smart Meter Sign. M. G-K Marin County CA

” My husband has brain cancer attributed to the radiation from his cell phone. Shortly after installation of the smart meters on our home I was diagnosed with hypothyroidism. I never had the symptoms prior to the installation of the smart meters- fatigue, depression, joint pain, heart racing, and weight gain. I also suffer from atypical trigeminal neuralgia- a very painful nerve disease in the face that causes electrical jolts within

my face and head. It worsened with the smart meters.

Denise Alexander of PG&E did have my meters removed when I notified her of my husband's illness. I never mentioned my problems as his alone are reason enough to not be subjected involuntarily to the very thing that is killing him. Shortly after the removal of the meters I received a hand signed letter from Mr. Devereaux that the meters will be going back on. I just received a recorded call from PG&E stated they will be here to put them back on within 30 days. I cannot and will not allow this to happen." E. M. Contra Costa County CA

"I purchased a condo in Rocklin CA. I have probably 20 smart meters in the room next to my bedroom (the electrical room wall). My 2 daughters and I all have headaches and there is a buzzing sound. One of my daughters is constantly fatigued. How do I prove that the smart meters are causing these symptoms?" D.O. Rocklin, CA

"I have been having headaches, heart palpitations, horrible ringing in my ears, dizziness and some nausea, and a burning of my facial skin for 8 months, since PG&E installed a Smart Meter at my house. These symptoms began gradually in the first weeks after the Smart Meter was installed and have increased in intensity over the months. For the two weeks I was in New Zealand in October, the problems lessened or disappeared completely . Home again and it all started again. I want this Smart Meter taken off of my home. I am sick because of it!!!" L.H. Sonoma County

Smart Meter destroying my sleep. Since the Smart Meter was put in my home, I have not had been able to sleep through the night. The Smart meter was installed just a foot from the head of our bed (on the outside of our bedroom wall). Before it was installed, I could easily sleep through the night. Bill Beckham Fresno, CA

We recently had our smart meters installed, three of which our on our wall, for the three units on our lot. I have a super healthy routine and was drastically improving my health and wellness. I am Vegan, non smoker, non drinker, I record all of my food intake, exercise avidly and slept regularly from 10 pm until 7am. I began to get unexplainable huge rashes on my face. My doctor freaked out and couldn't believe the photos and ordered labs immediately, he was sure I had Lupus or Rheumaty Arthritis. He sent me to a Rheumatologist ASAP, It then started with the aches and pains, the super dry lips and a loud squealing in my right ear. Even my teeth hurt. Then the buzzing sound intermittently mixes with the high pitch squealing noise in my ear, followed by extreme exhaustion or fatigue in random parts of the day or evening, to where I couldn't even stand. The headaches make me feel like I want to die. I can't sleep until 5 or 6 am and pop back up at 7 am. I am nauseas, and my ear in is extreme pain. I have feelings as if the ground or furniture is moving or being bumped. I get dizzy and have problems orientating myself when I go from standing to sitting or vice versa. My 1200 calorie diet that I record every meal has turned into a 300 calorie diet because I'm too sick to eat. I am having to drink meal replacements because the more I cook in the kitchen the worse I get. My husband complained of feeling sick, back pain, headaches and an electric-like pulse or shock-like feeling that darts up his body through his brain. When it happens he jumps. It has happened three times now. The downstairs neighbor moved because of her sudden onset of symptoms that began at the same time. Our DVD player now cannot reach a signal on the TV (says no signal) despite the player actually being a part of the TV, all in one piece. My eyes burn and weep full of tears with a mental cloud I can't shake. My stomach turns upside down it feels and I feel a burning sensation on parts of my body. I have missed about 80% of my work schedule and am rapidly deteriorating. I just kept saying, "something is wrong with the air." I didn't know what exactly I meant, it was just a feeling I had. Then someone else said the same thing out of the blue. Then the other evening, I couldn't walk. I was crying profusely from the pain and symptoms. Everyday its worse....I am going to request mine be removed but the neighbors still have them, still posing a threat since they're everywhere around us. ...These meters not only quadrupled our electric bill but also my health that I've worked so hard to achieve came to a complete halt, the same exact day as the meters were installed and everyday since then. ... This isn't fair. I don't want a smart meter. We weren't surveyed our asked. We never got informed until the knock on the door saying "SDGE, were here to install your smart meter." Then we were handed a little piece of paper which didn't disclose much. Now we have a super high electric bill that is way to much for our tiny two bedroom beach apartment and a super ill husband and wife who were otherwise healthy and active until the day of the meter installation. Amy Evans San Diego CA 28 yrs old

Last year I lived in Livermore CA. The meters were changed in Livermore last year. It wasn't until I just saw a news story where I have now put 2 and 2 together. Starting in Oct. 09 I have been experiencing terrible ringing in the ears. A hi-pitch hissing/buzzing noise. It's been driving me crazy. I have been to so many doctors since trying to find out what is causing this terrible problem. Doctors cannot find anything wrong. But what I have noticed is this, when I have traveled away from the city to the mountain such as to go camping, the hissing and buzzing go away. But as soon as I get back home the noise starts back up again. NR Tracy CA

I live in San Diego in a small apartment building with 3 apartments. SDGE installed 3 Smart Meters on 9/29/10 and I have been sick as a dog ever since, even to the point of missing work. The Meters are located below my apartment, just below my bathroom wall (I am on the second floor). Using my Entech Meter I tested the outlet in my bathroom and the signal was so distorted I could pick up a radio signal! My Gauss Meter also picked up Hot Spots that never existed before.

I suffered from severe joint pains on the day it was installed to the point where I couldn't move my wrist without agonizing pain. I have been in pain ever since and also got a very bad cold. I also developed an odd problem called Phantosmia, in which you can smell something that isn't there (in my case cigarette smoke which I am allergic to). I am EMF sensitive but I have never felt as ill as I do now. I was completely functioning before, whereas after these Meters were installed I just feel awful all the time. S.G. San Diego CA

Last week our power company in NE Arizona put a new digital meter on our house. The meter was supposed to remain in a silent mode and not transmit unless someone sent a signal to it from the highway to activate it and get the reading.

Over the next 6 hours I gradually got very sick from the meter. The symptoms were a vise grip headache, nervousness, horrible brain fog (after 3 days I was unable to complete a sentence), total insomnia, stomach rolling and nausea. The meter seemed to run in on the current and I began to have reactions to my electric stove and other electrical appliances that I had not been bothered by before.

After a couple of plea's from my husband, the power company made a decision to return our meter to analog. I had immediate relief in some symptoms, but others took several hours to go away. Due to a weekend and Monday holiday, it took a week to get the meter removed. I was so sick by then I was worried it would leave me highly sensitive to emf's. After 24 hours I seemed to be ok, however. These meters are not safe! Anonymous in Arizona

In July 2010, SDG&E installed Smart Meters in my condo complex. I own a townhouse that is situated in clusters: 8 units per cluster. Therefore 16 Smart Meters were installed in the utilites shed outside my kitchen/bedroom walls, ten feet away.

I began having symptoms of head burning and pressure on my chest within a few days. As time progressed the syptoms worsened. I had severe burning in my head and headaches of a new type. I starting having palpitations, arrythmias and flutter. I called SDG& E. Three people including an engineer and the director of the Smart Meter program came to my home, spent an hour talking and photographing the meters. They took no measurements of the radiation, though they said they would on the phone. The next day SDG&E informed me that they would not be replacing the meters with the analogue meters. They assured me that they are concerned about people's health.

By six weeks in, my cardiac symptoms were so severe and erratic that I had to move out. I rented an apartment, which turned out to be unsafe as well. The Smart Meters are everywhere. With the intensification of my symptoms, I have become EMF/RF sensitive and now have the above problems around cell towers, Wi-Fi and other sources, accompanied by skin rashes and burning.

I am being evaluated by a cardiologist. I have always had a strong, healthy heart, even told so by doctors. The cardiologist has sent me for an evaluation by a neurologist as well.

Five people have reported symptoms in my home: My father has experienced headaches and visual migraines. My mother reported having pressure on the upper part of her chest and palpitations. One neighbor exposed to these 16 cluster meters is experiencing headaches and chest tightness. Another neighbor has difficulty opening her eyes in the mornings after 8 hours by the meters. Her ophthalmologist could find no explanation. She said she uses her fingers to open her lids. All of the above symptoms have occurred since the smart meter installations. The symptoms are worsening for everyone.

I am running scared living this nightmare. I don't know where to live and fear for my well-being. I already have a prior immune disability and I thought I would be legally protected by the ADA. I don't know where it is safe for me to live. In addition, the financial impact of this disaster compounds. I pay my monthly mortgage and rented a place, which due to symptoms, I cannot stay in. I am not sure that I can rent or sell my condo in good conscience. I am seeking medical care including treatments not covered by any insurance. My out of pocket costs continue to grow.

R.H., San Diego CA

We live in Berkeley and recently had a smart meter installed without our knowledge. Since that time, my husband and I have been having increasingly painful headaches around our ears, along with other symptoms. My father, who has Parkinson's and a Deep Brain Stimulator with two leads, also lives with us. I also have a two year old and a five month old. My two year old is no longer sleeping well and is waking up all night. We strongly feel that the smart meter is unhealthy for our family and want to get it removed. (Anon, Alameda County CA)

Since the meters were installed, I am experiencing continuous severe ringing in my ears in my home, which does not happen when I am at work in Marin in an area where the smart meter have not been installed. Family members are also experiencing headaches and one family member, who did not know the smart meters had been installed was working unloading boxes for 1/2 an hour about 5 or 6 feet from the meters. He became very dizzy, had very rapid heart beat and lost consciousness and fell. We are very concerned about the short term and long term effect of the smart meters. We are in the process of trying to move to Fairfax hoping they will be able to keep the smart meters out. As PG&E has refused to move them we were forced into selling our house. This seems extremely unfair. (Anon. SF Bay Area)

" I am chemically and electrically sensitive but have gotten much better. I am finding that since they installed our smart meter, I am getting unexplained exzema and rash. I have tried to heal leaky gut and all the things you do to stop it and am still struggling with it. I know that I can't use a cell phone unless it's on speaker phone, and then only a second. I get very ill with continued wi fi exposure. I wanted to ask you if you know how much radiation these smart meters are putting out. I am really pissed about this, I rent and don't own so I feel stuck. " (Anon, Alameda County)

After the installation, I started hearing high-pitched frequencies that lasted about 20 seconds... I called PG&E and told the lady there about hearing high-pitched noises in my house. It's not coming from a specific appliance but rather I'd hear it for 20 seconds or so (kind of like those hearing tests when we were kids) and then it would go away. I heard it in the kitchen, the dining room, and my bedroom. The PG&E rep had never heard of anything like this and forwarded me to the Smartmeter Division. (Anon, Berkeley CA)

This meter was eventually removed.

Since the new meter start-up a few weeks ago ... Family members' new or exacerbated symptoms have coincided with the meter start-up. Myself, I hear ... high-pitched buzzing now within our house, absent before. I often go to the clock to check the timing of the microwave hearing, and it most often corresponds exactly to the minutes when our microwave meter picked up the signal, so I have no doubt about the source of this brain penetration. I know of another EHS-er who apparently has a urinary bladder reflex activated by the meters. Note that the frequency range is long known to be among the best for brain penetration. (Anon, Canada)

If you are wondering why you have a nagging headache, insomnia, fatigue, etc.—start doing your research on PG&E's Smart Meters... I have a relay Node on the telephone pole in front of my house [installed May 2010] and the 4 people who now live here have the subject symptoms.

Gas meter installation was installed in our property on 3/18. The Smart Meter was causing us headaches, achy/watery eyes and loss of sleep; effectively blocking out half of our house. We called PG&E on 3/19 and meter was removed on 3/20. However, because of neighborhood deployment of Smart Meters, we are getting constant light headaches since then, even after the removal of the meters from our property. .. We consider this unnecessary bombardment with radiation an invasion of privacy, disturbance of domestic

peace, and potentially a health hazard.

At the initial call on 3/19, PG&E agreed on the removal of the meter, which occurred on 3/20. On 3/27 we received a letter notifying us (again), of a pending Smart Meter install. We called PG&E on the same day, where we were informed that Smart Meter installation is eventually unavoidable per PUC mandate. They also mentioned that research was done and proved that Smart Meter did not cause problems. In our mind, this research should be void and not provide sufficient proof, since we are a living proof that Smart Meter is causing us problems.

I should add that I've been also been sensitive to other devices, such as bluetooth headsets and WiFi. We don't have WiFi at home, and no bluetooth, of course. In the case of WiFi or similar, I consider this as voluntary exposure. In the case of the SmartMeters, it is non-voluntary exposure. Even if I wanted to, I couldn't go outside and turn off the meter. .. Putting corporate greed on top of public health is an outrageous disregard for society. (G.K. Santa Clara County CA)

I choose not to have a cell phone, computer, or use other wireless devices in my home. I'm not interested in having "smart" appliances there either. I avoid exposure to cell phone towers and public places that are "hot spots" for wireless use. This is because I experience headaches, a sensation of pressure in my head, increased heart rate, a sensation of dizziness, and other disturbing symptoms when I am around wireless frequency emissions. Regardless of what others may think, the symptoms are experienced by me, and I DO NOT want to have any wireless devices ON my home, where I cannot get away from them. I have owned this home for 25 years, and plan to stay there. I demand an opt-out option, and refuse to have a Smart Meter on my home.

My husband has had an intense electrical/EMF sensitivity for the past 10 years. It has obviously had a great impact on our family. He had to quit his job a few years ago because of the work environment, and as new cell antennas and towers have gone up, we've often worried that we'd have to move. So far, we've managed to be able to stay in the Bay Area where we've lived our entire lives.

Installation of Smart meters began on our block two days ago. We declined, as did many people on our block, but our immediate neighbors both accepted (one of them did so only because he felt it was inevitable even though he was opposed). Since installation, our baby monitor (that we keep in a remote corner of the house) regularly becomes staticy to the point of not functioning, so clearly the microwave radiation is interfering. My husband has developed the same symptoms that he feels when he is near things like cell towers and speed limit monitors (intense pressure in his head and a headache, and agitation), symptoms he feels before he even sees the offending source. And I've been feeling nauseous and agitated with tension in my head, which honestly could very well be from anxiety.

We need to convince PG and E that we can never have a Smart meter installed on our property. And, we NEED to have our neighbors go back to the old kind of meter if we are to be able to stay living here. (Anon, Alameda County CA)

..What is happening in America is happening in my state of Queensland.

We had solar panels put onto the roof of our home, and then the power company came along and installed smart metres in our mains power box. There are three mains power boxes, so therefore there are three smart metres transmitting 24/7. My health has deteriorated so much, that I feel that I can't last.

Our state government has just gone ahead and made it mandatory even though the first state to install them, Victoria, is now finding real serious problems.

All I know is that we have 120 units in our complex, which means in a four acre block we have 120 smart metres. I have also found that the radiation from these smart metres are also being piggybacked into our home via the electrical wiring and causing further torment. (Australia)

She came home the other day and instantly became very sick: Migraine, heart palpitations, dizziness, depression, nausea, vomiting, intense thirst, parched lips, neuropathy, teeth pressure and buzzing, etc. Her husband had recently done some electric work on the house and went out to check to see if he wired something the wrong way. He came back in and reported that a Smart Meter had been installed by PGE. She called PGE and reported her symptoms, demanded they remove it, and replace w old meter, which they did. She's feeling better after the removal and replacement of old meter." (Anon, SF CA)

"I highly suspect the smart meters as being the cause behind my sudden menstrual irregularity...In early

December, a guy knocks on our door saying they're putting a new meter on our home and they're turning off the power – Meanwhile starting in December - I had been having more headaches and difficulty staying on the computer for very long because of them – I thinking to myself, “what is causing this???”
A light bulb goes on finally – I make the connection, it all makes sense now – meters = headaches?
About the time I figure out what is causing the headaches is about the time my period decides to make it's second appearance this month. ... Then I start monitoring my blood pressure for whatever reason, only to find that it has gone up – from usually 125/82 to now reading 148/95” (Anon, Kern County CA)

I was just told today by my PG&E reader that there would be a “smart meter” installed on each gas and each electric unit, totaling 14 for my yard! For some reason I was under the impression that there would be one meter for the grouping. That was bad enough but fourteen is absolutely terrifying.
Has there been any comment or discussion on the additional hazards of so many units in one place? My bedroom is about 10 feet from the units. Do I have any recourse at all, that you know of, due to these special circumstances? My next door neighbor, on one side, is already coping with a seizure disorder, I have Lyme disease and there are health issues on the other side of my unit as well. Are there any attorneys around who are taking on this issue? (Anon, Sonoma County CA)

I have severe Electrical Hypersensitivity (EHS). I also have severe Multiple Chemical Sensitivities. I have been essentially homeless and searching for housing for 3 years. I was doing ok in my temporary spots in Marin, where Smart Meters had not yet been installed. I had to move to Berkeley, because I could not find another temporary place in Marin, and I've been here for 4 months. My electrosmog sensitivity has gotten worse here, and I was finally clued in to the Smart Meter issue. There are 2 Smart Meters 10 feet from my current bed (for this property) and 1 Smart Meter 30 feet from my bed (for the property next door I am trying to move out of the East Bay, because the Smart Meters seem to be most fully installed here... I'm very frightened, for my housing situation, because it was already so difficult to find safe-enough housing, with my chemical and electrical sensitivities, but now the Smart Meters make it feel nearly impossible. I went all the way to Petaluma yesterday, by bus (I don't own a car), and I found a chemically safe-enough rental, but that neighborhood already has Smart Meters installed on every house. The houses are much smaller and closer together, than in Berkeley, so I think the radiation per house is higher there. I was very discouraged to discover this. (S.B., SF bay area CA)

A woman, who requested to remain anonymous, called today and let me know she was able to have her Smart Meter removed. She called the PG&E Smart Meter line and told them it was urgent, and insisted they remove it. She also had a prescription letter from her doctor stating that she should not have a smart meter now or in the future. PG&E removed it. (Web Admin)

On January 15th PG&E installed the new Smart Meter on our home in Aptos.
I was not home at the time and had no idea it was installed.
I arrived home from a great workout at the gym feeling like the peak of health.
As soon as I got back home I started to feel horrible and had no idea why.
The first thing I noticed was the worst pressure in my head and ears ever.
Then my heart started to beat really fast and then my brain felt wired.
Within 15 minutes I started to get really dizzy, nauseous and weak.
Within 20 minutes my whole body began to ache like nothing I had ever experienced before.
When I got on my computer my whole face and hands started to burn and hurt.
My husband arrived home 30 minutes later and asked how I was and I said the worst ever.
He then said he was going to check the work out the electrician did and saw PG&E installed The new Smart Meters.
I then called PG&E in a panic since i was feeling so awful and filed a complaint and asked them to take it off right away since it was making me so sick.
Santa Cruz is not scheduled until July to get these Meters.
We left and went out of town and I felt better in 30 minutes.
When we arrived home Sunday I felt horrible again and could not sleep that night. I called PG&E first thing Monday morning and pleaded to have it taken off right away since I felt so sick form it all.
Monday night at 8pm a PG&E installer came and took it off and put an old meter back on. Within 15-20 minutes I felt 90% better.

I have been electrical sensitive now for 4 years and these form of radiation was the worst that I ever felt in my life. T.D. Santa Cruz County CA

“I have lived in my home in San Leandro since November 2003, and have had two smart meters on my home (1 on gas, 1 on electric meters) since October 2008; and they are throughout my neighborhood since about that same time. I/we are now surrounded by a mesh network of pulsing extremely low emf (ELEMf). In May 2010, I had the signals measured by a local technician who had also checked my home in spring 2008 for possible EMF exposure that I suspected was causing me symptoms of vertigo and anxiety. I can provide a detailed report of his recent measurements showing the pulsing measurements and ranges of EMFs. Contrary to what PG&E has told me that these meters emit below the acceptable tolerable range of exposure, it’s the pulsing ELEMf that can interact with our body’s pulsing ELEMf and interfere with cellular communication. I believe I am having ill affects due to this technology being used, and have been seeking medical attention for symptoms of vertigo, the sound of my blood pulsing through my ears all the time while I’

m at home, hyper-arousal/ADHD leading to inability to focus or relax, interrupted sleep, pressure in my head between my ears, increased headaches; and less frequently, heart-racing anxiety, nausea, and shakes. I take really good care of myself, and do not believe that this noticeable decline in my health is due to me getting older.

I truly feel like I am in a microwave and slowly being cooked. Even my previously healthy houseplants have either died or have big brown spots, like burns. These strange effects have been occurring now for over a year, and it’s finally beginning to make sense.”

A.C. Bay area, CA

I personally experienced a smartmeter when PGE installed one on my neighbor’s home 25 ft away on May 7th, 2010. I did not expect to notice anything from one gas meter at that distance. However, I felt increasingly bad as the days wore on, with palpitations, irregular heartbeat, headaches, slight dizziness/weakness, emotional distress, anxiety and inner agitation, especially when on that side of our house. When I would leave to go for a walk out in the country, my headache would go away and I would feel better overall, but symptoms would come back upon return home.

I began to wonder if that one smartmeter could possibly be causing my symptoms, and even asked my neighbor if they had recently purchased any new electronic equipment (I wondered if it might be a DECT phone), but she said no.

Finally, in desperation, on May 22nd, I put a metal wheelbarrow over the meter (I had heard that metal stops much of the radio frequency (RF) radiation). My symptoms began to subside, and I was feeling better on May 23rd and 24th.

On May 24th, I was gone much of the day. Upon return home in the evening, I was feeling fine, and then worked for 2 hours in my office on that side of the house. All of the previously mentioned symptoms reappeared, and I was feeling despondent, even crying, as I went to bed. The next morning I learned that my neighbors had removed the wheelbarrow the day before while I had been gone, because PG&E had finally agreed to come out and deactivate the RF transmitter. That morning, May 25, 2010, a PG&E technician disabled the radio transmitter on the gas meter. I gradually began feeling better since then, although my heartbeat is still quite irregular much of the time. I am no longer getting headaches at home, and do not feel the emotional distress, dizziness or weakness.

I should mention that I am constantly exposed to some level of RF, since I live within 800 or 900 feet of the Sebastopol downtown cell tower, and can pick up 4 or 5 wifi signals in my home. Plus numerous nearby neighbors have “smart”phones or cellphones. We no longer have wireless of any kind in our home (since January 2010). Nor do we have fluorescent light bulbs or a microwave oven. I keep a cellphone in my car, switched OFF, and use it once or twice a month on speaker-phone for extremely brief intervals. I avoid places with lots of cellphones. None of these previous exposures prepared me for the onslaught of the smartmeter operating 24/7 next door, and I was very surprised at it’s strength.

For this reason I know that I cannot live in a neighborhood with smartmeters, whether or not they let me “opt out”. I am obviously more sensitive to RF radiation than most, but I am sure many others will be similarly affected. And many will have symptoms caused by the meters that they don’t understand or correlate to the meters. N.H. Sonoma County

In about late September I began to notice I was having some odd symptoms, including the following:

*Agitation*Memory loss*Inability to concentrate*Nervousness*Inability to get my work done,*Interrupted sleep, I felt as if I were becoming unhinged.

During the time between September and earlier this month my husband and son seemed agitated too. My husband's blood pressure rose and he had to begin taking blood pressure medication. He was also experiencing sleep disruptions.

On February 25th and 26th there was a huge snowstorm here. During the storm I spent many hours in my living room, near my fireplace, about five feet away from the electric meter, which is installed outside my living room window. My right ear was facing the meter. My husband was traveling and my son was not at home for the same length of time that I was. The electricity went on and off several times during those two days. At one point I heard a piercing sound along with pressure in my ears. Along with the symptoms I had previously experienced, I began to develop worse symptoms, including the following: *Heart palpitations,*A buzzing-pulsing sound, especially in my right ear,*Agitation,*Interrupted sleep with nightmares of being attacked,*Accelerated heartbeat. I was afraid that I would have a heart attack.

The symptoms would lessen when I went outside. It seemed that there was something wrong inside my home, perhaps with the electricity. Through research and talking to electricians, I began to realize that my symptoms might be traceable to something relating to the meters. They were the only recently installed appliances in our home with radio frequencies.

After many desperate phone calls to Con Edison, it removed the digital meters, but only after I presented a note from my doctor, upon which Con Edison insisted. In place of the electric meter Con Edison installed another electric, digital meter that it assured me emitted NO radio frequency...

Con Edison also told me that I would need in the future to provide it with meter readings. Con Edison told me that both my doctor and I would be receiving a follow up communication from its health department, which we never did.

Whether the people at Con Edison lied or did not know what they were talking about is a question that needs to be answered. This meter also had a radio frequency ... I realized this when my symptoms got worse. I was truly afraid that I would have a heart attack. I became terrified in my own home and could not find a comfortable place to sleep, because the buzzing pulsing sound in my ear was so disturbing. Before all of this started I was a healthy 51 year old.

Again, after making many more calls to Con Edison, on March 4 they removed that meter from my house and replaced it with an analog meter (this is the same type of meter Con Edison had initially removed in June 2009).

My immediate responses were so remarkable that I recorded them.*Tingling in arms,*Legs felt very heavy,*The buzzing-pulsing became quieter.*I felt as if my body was weighted down with exhaustion. Within hours I began feeling better. The loud buzzing-pulsing sound quieted down and my thoughts were less scrambled.

But my difficulties continued. In our home we have lived with wireless appliances, cell phones and fluorescent light bulbs for at least three years, and to my knowledge they have never been a problem for me. Now I cannot be near any of these things because I get a buzzing in my ears and my heart starts to race. The only possible cause for this change is that Con Edison placed meters emitting radio frequencies on and in my home in June.

Since Con Edison removed the digital meters and replaced them with an analog meter I am feeling better, but some of the symptoms have not gone away completely.

When I asked the Con Edison "Meter Relations" department (212-460-4111) if I could see a copy of the test results for human exposure to the frequencies in the meters, I was told that I must obtain a subpoena to acquire that information.

Con Edison also told me that the FCC had approved the meters. When I called the FCC, I was told that it does not address human health issues, but only with regulating frequencies, and the person with whom I was speaking hung up on me....

This could be a very dangerous situation. These meters are being used across New York State and the country. People might become sick from them and not know what is happening to them.

I am requesting that the meter replacement program be stopped immediately and that home owners be given the right to opt-out of receiving these meters if they do not want them, until further testing is done to learn the effects of the frequencies they emit, especially in combination with other frequencies to which we are already being exposed.

Thank you.

Michele Hertz

New York

I am Toril Jelter, a board certified pediatrician specializing in medical and environmental aspects of autism related illness. I have health concerns regarding the unbridled roll out of wireless technologies without adequate health studies before hand. Dear FDA/FCC, I request a moratorium on the Smart Meter roll out ASAP until a proper assessment of health effects has been conducted. Here are a few patient stories for your review: A 2 year old child can't sleep at night. He screams inconsolably for hours. When the mother takes the child away from the SF Bay area to a remote area with poor cell phone reception the child sleeps well every night and naps as a normal 2 year old would during the day. A 40 year old man with MS & EHS (multiple sclerosis and electrohypersensitivity) requests no Smart Meter. His doctor writes a letter to support this request. It is granted BUT only temporarily! His 4 neighbors get a Smart Meter and he develops such severe ringing in the ears (tinnitus) that he is no longer able to sleep indoors. He discovers that the only way he can sleep is to sleep outdoors. (This could be explained by the cumulative effect of EMF in his home + the Smart Meters next door.) A 45 year old woman with MS has been stable for several years. After installment of a Smart Meter she goes down hill rapidly. Depression, flu-like symptoms and severe fatigue. Another woman with MS 50 years old improving. Gets a Smart Meter. Gets worse balance, worsening depression. Falls breaks 2 ribs and punctures a lung. A 10 year old child with high functioning autism gets a Smart Meter. His handwriting deteriorates. He seems more fatigued. He gets flu like symptoms frequently. Loses his appetite. Stops gaining weight. A 65 year old woman gets a Smart Meter, actually 4 at the head of her bed. (condo) She develops severe tinnitus, sleep disturbance, intermittent confusion, memory problems, heart palpitations and diabetes. PLEASE HAVE AT LEAST ONE PERSON READ AND UNDERSTAND

For anyone who wishes to fight the installation of a Smart Meter on their home for medical reasons, I would like to share my own successful experience. I live in the San Diego area –most of us in California live very close to our neighbors homes, and unfortunately there is nothing to date we can do to stop installation of their meters. However, nothing in The Telecommunications Act of 1996 prohibits us from complaining about health when installing a Smart Meter on our own homes. A “Smart Meter” is NOT a “wireless facility” [thus exempted from health concerns] and many of us will be/are being harmed by the unwelcome radiation in our homes. Do not let your electric company tell you otherwise. Tell them to very carefully read Section 704 of The Telecommunications Act of 1996 and ask how they would define a Smart Meter as a wireless facility – i.e. are cell phones wireless facilities? Of course not. It defies logic. But be prepared, because that excuse may be attempted by your electric company. SDG&E tried it – unsuccessfully. Bottom Line: You do have a right to complain about health concerns, but be prepared to offer solid proof by way of a physician's documentation.

When I heard SDG&E was going to install Smart Meters in Rancho Santa Fe, CA I did the following to prevent installation of a Smart Meter on my home.:1) I called and followed-up in writing with SDG&E corporate office, informing them that I had a heart condition that could be adversely affected by RF radiation. Anyone who is known to be electro-sensitive should have the same rights as those of us who have heart-related issues.

2) I got a letter from my cardiologist explaining that RF radiation has been known to alter heart rhythms. (But first I had to educate my cardiologist as to what a Smart Meter is and does. I am attaching two documents I took to my cardiologist.)

* Int Arch Occup Environ Health. 1997 ;70 (1):9-21 9258703

<<http://lib.bioinfo.pl/pmid:9258703>> Exposure to extremely-low-frequency electromagnetic fields and radiofrequency radiation: cardiovascular effects in humans. [My paper] <<http://lib.bioinfo.pl/auth:Jauchem,JR>> J R Jauchem

* The 2002 letter from Norbert Hankin of the US Environmental Protection Agency to Janet New of (then) The EMR Network [she is now head of the EMR Policy Institute]. [My paper] Norbert Hankin's revealing letter indicates standards set by the US government in 1996 do not apply to non-thermal effects of RF radiation. In other words, we are not living in a world of protection; the non-thermal effects of RF radiation were not taken into account when the regulations were established. “Safety standards” were never set. “Safety” is a false assumption.

3) I made an appointment to see Gunnar Heuser, MD, PhD., in the Los

Angeles area. Dr. Heuser has long specialized in neuro-toxicology and is widely recognized as an one of the top medical experts in this arena. Dr. Heuser can objectively test a patient to document electro-sensitivity, and if they are found to be electro-sensitive, he can write a medial report that can unequivocally state one' s health may be harmed by exposure to RF radiation from a Smart Meter. I fell into this electro-sensitive category, as have many others. Dr. Heuser is seeing more and more patients adversely affected by Smart Meters. He can be reached at: (310) 500-0041. Dr. Heuser' s address: P. O. Box 2730, Agoura Hills, CA 91376.

4) I then sent letters from my cardiologist and Dr. Heuser to SDG&E' s corporate office. I told them they could not place a Smart Meter on my home due to health concerns. Additionally, I stated I would hold SDG&E legally responsible if my health was further impaired by a Smart Meter.

5) The result? SDG&E did not install a Smart Meter on my home.

Susan Foster
Rancho Santa Fe CA

January 4, 2010

Ms. Susan Crane

Director, Meter to Bill Process

We Energies

231 W. Michigan Street

Milwaukee, WI 53203

susan.crane@we-energies.com

Dear Ms. Crane:

My patients, Shivani Arjuna and her husband Dan Small, have asked me to write to you with regard to how Shivani is affected by exposure to communication frequencies and "dirty electricity" frequencies. They are deeply concerned that placement of one of We Energies' new, radio-broadcasting meters on their property would be harmful to their health, especially to Shivani' s. I share their concern. People who are aware of experiencing symptoms as soon as they are exposed to radio (RF) and microwave (MW) frequencies are currently termed "electrically hypersensitive," or EHS. Shivani is electrically hypersensitive. However, these individuals are by no means the only people actually being affected by such exposure, as ample, rigorous research done over a period of several decades shows chronic exposure causes health damage to people who note no immediate symptoms. Please see, for example, the bibliography of reported biological phenomena associated with radio-frequency and microwave radiation compiled by the US Navy Medical Research Institute in 1971, with over 2,000 references., at: www.dtic.mil/cgibin/GetTRDoc?AD=AD750271&Location=U2&doc=GetTRDoc.pdf. Also, please see the summary of EMF effects at: www.icswebsite.com/emf/emfissues.html with 62 more recent references.

The immense proliferation of wireless technologies in the past few years has given rise to health problems that cannot be successfully treated medically, as medicine cannot remove the underlying cause, the exposure to radiation.

Safety regulations of various nations vary widely regarding what level of exposure is supposedly safe.

Unfortunately, most countries' regulations are still based on the old, inaccurate assumption that non-ionizing radiation is not harmful unless it actually heats body tissues. The fact that a given technology adheres to the present standards is meaningless in terms of its actual biological effects. Even an EPA spokesperson has stated that present U.S. standards are not protecting citizens from harmful radiation. Research shows harmful effects at levels far below what is presently allowed.

Years of research also reveal a broad range of symptoms and diseases caused by RF exposure. This is hardly surprising, as the human body functions electrically from the cellular level on. Attached you will find a list of conditions caused by exposure to RF and therefore termed "radio wave sickness."

There are probably more mechanisms underlying the damage done to health by manmade electromagnetic frequencies than we are presently aware of. (To date, the mechanism by which smoking tobacco causes cancer is unknown.)

However, here is brief information regarding a few known mechanisms:

o It is established from multiple, independent studies that EMR from ELF to RF/MW reduces melatonin in

animals and human beings. Melatonin is not only vital for healthy sleep, it is the most potent, naturally produced antioxidant that helps to protect cells from genetic damage that leads to cancer, neurological, cardiac and reproductive damage, illness and death.

o Exposure to intensities and field strengths that are extremely low cause a biological effect called calcium ion efflux. Calcium ion alteration of cells by EMR is linked to neurological degeneration, to cancer and many other health effects. The heart is also an electromagnetic organ, with an electric pulse initiating a cascade of calcium ions that cause the cells in the heart to contract and produce a heartbeat. Exogenous electromagnetic signals can interfere with this regular, electrical pulse leading to heart disease and heart attack of the arrhythmic kind.

o Physiological changes that are bedrock indicators of allergic response and inflammatory conditions that are stimulated by EMF exposures include: overreaction of the immune system; morphological alterations of immune cells; profound increases in mast cells in the upper skin layers, increased degranulation of mast cells and larger size of mast cells in EHS individuals; presence of biological markers for inflammation that are sensitive to EMF exposure at non-thermal levels; changes in lymphocyte viability; decreased count of NK cells; decreased count of T-lymphocytes; negative effects on pregnancy (uteroplacental circulatory disturbances and placental dysfunction); suppressed or impaired immune function; and inflammatory responses that can result in cellular, tissue and organ damage if exposure occurs on a continuing basis over time. Mast cells are also found in the brain and heart, and this might account for some of the other symptoms commonly reported: headache, sensitivity to light, arrhythmias and other cardiac symptoms.

o Many studies have shown that RF/MW radiation and ELF fields cause increased DNA strand breakage and chromosome aberrations.

As was concluded by the authors of the Bioinitiative Report (www.bioinitiative.org), it is unwise from a public health perspective to continue “business-as-usual,”

deploying new technologies that increase RF exposures, particularly involuntary exposures.

Any company or industry whose products or operational methodologies cause involuntary exposure to RF radiation would do well to become more informed about these and other effects of such exposure, both to protect the public and to protect themselves from future liability suits.

Though it is no longer possible in today’s world to completely avoid exposure to communications frequencies, EHS individuals such as Shivani, need to live in a personal environment as clear of RF/MW as possible. This is recognized in Sweden, where the government creates safe working and living spaces for such individuals. In the U.S., EHS individuals have to do what they can to create their own safe living spaces. Certainly, these safe havens, on their own property, should not be denied them.

I have been Shivani Arjuna’s physician since 2002 and have noted how her specific symptoms and overall health have corresponded directly to her exposure to RF/MW radiation. Initially, she was experiencing incapacitating and life-threatening symptoms related to such exposure. At present, she is able to remain free of RF/MW exposure-induced symptoms as long as she remains in the safe home space that she and her husband have gone to considerable effort and expense to create. That she remains EHS is clear from how she responds to exposures when not in that safe environment.

It is my opinion that the placement of an RF-broadcasting device connected to the wiring on this property would be extremely detrimental to Shivani’s health and that it must not be allowed.

Such a device connected to their wiring, whether at or away from their house, would cause RF to be broadcast from the wiring throughout their home. I suggest the alternative of asking them to take regular meter readings from their present meter and call or mail these to you, with a We Energies employee checking the meter annually or semi-annually to ensure accuracy.

I look forward to your response and hope you will agree to this solution to ensure that Shivani’s health be respected and protected.

Sincerely,

Roy D. Ozanne, MD, HMD

234 Responses to Smart Meter Health Complaints

siouxfan says:

November 4, 2010 at 11:49 pm

This is so weird reading these comments. I just moved to Fairfield, CA from Oklahoma and have never heard of this smart meter. Ever since I moved here I noticed weird things happening in my chest. The tightness and palpitations that other people are talking about are exactly what I am experiencing too. It isn’t real painful or anything but just worried me since I thought I may be having heart problems...at 25 years

old! I've only been here a little over a month and definitely noticed something weird way before I even heard about these smart meters or issues anyone was having. Being an electrical engineering major I see what PG&E is saying about it being a very small wattage and how it shouldn't affect anything but something about this new house I moved into is causing something to go on in my body. I looked outside and I do have a smart meter attached to my house. I'm not really taking sides or anything on this debate of whether it's the smart meter or something else but I do know that there is something weird/different about California that seems to be affecting my health... I just hope it's not something permanent.

SanDiegan says:

December 17, 2010 at 6:46 pm

Since I had the SmartMeter placed on my home (master bedroom wall by headboard of my bed) involuntarily by SDG&E about 3-4 months ago, I have developed increasingly severe reactions to EMF (electromagnetic fields). I have constant ringing in my ears, getting louder and very distracting; headache, sinus pain, feeling of heaviness in chest, disorientation, mental confusion, difficulty concentrating and with calculation and driving, nausea, and very hard to use computer, phones, etc. Can't sleep well, insomnia, though improved with change of bedroom. My doctor wrote a letter demanding under the ADA that SDG&E remove the SmartMeter, the reply was that SM's don't impact health, my doctor is wrong that the ADA covers this, and they essentially refuse to remove the SM. Needless to say, I am shocked, horrified, and will take further steps. This is an example of Big Brother in our lives worse than anything I have seen in America in 60 years. They can harm and kill us legally now, in our own country. This is an outrage.

SG says:

December 28, 2010 at 9:45 pm

SDGE just replied to my letter to them (Ted Reguly is the head of the Dumb Meter program) and they told me also that it was too bad and ADA does not apply. They said I should write a letter to CPUC if I feel like it. They are sending the same form letter to everyone.

I would love to see a class action suit against these creeps.

Sandi says:

January 16, 2011 at 10:34 am

Sent from Dr. Tobin Watkinson:

The government FCC PUC WHO etc have allowed technology with lots of money to influence the importance of caution when it comes to the health of those who have to live decisions. People are as different as grains of sand or snow flakes everyone is unique. Our chemistry our audition our speech our electronics. The human body is a series of electrochemical reactions which drive it's function. For anyone to think this organic battery of a body of ours can sit aside a strong (as compared to the body) artificial electrical field without effect or some perception even on a cellular level has a "short" between their ears. Our health and the health of everyone depends on our understanding of these basic physiological principles and progress that is not blinded by profit.

Each and every one of us is at risk and must speak out for our rights to have a voice when inappropriate choices are imposed upon us without our consent.

Sandi says:

January 16, 2011 at 10:38 am

Sent from Cynthia Perkins:

Open Letter to Southern California Edison and CPUC

On Thursday, January 6th, I called Southern California Edison to inform you I do not want a Smart Meter installed at my residence.

I am disabled with several health conditions that will be adversely affected by the installation of the Smart Meter.

I have very weak adrenal glands that don't produce enough Cortisol. The combination of EMF/RF in the Smart Meters is known to be very damaging to the adrenal glands. The stress from this type of exposure could push me into Addison's disease and possibly result in death.

I have chronic migraines, which could be magnified with the EMF/FM exposure.

I also have EMF sensitivity. EMF sensitivity is an illness caused by exposure to radiation that is discharged from a variety of sources like cell phones, microwaves, cell phone towers, etc. When I am exposed to certain levels of EMF, I experience migraines, heart palpitations, trembling, weakness, hot flashes, increased pulse, pain in my gastrointestinal system, dizziness, inability to concentrate, impaired cognitive functioning and hyper-arousal. I do not even own a cell phone, because I'm incapable of using one.

When I called your office, I was met with hostility, confrontation, intimidation and a complete lack of

regard for my position. I was told that I had no choice in the matter and if I do not comply my electricity will be shut off.

Therefore, if a Smart Meter is installed at my home, I will hold you, Corix and the CPUC legally responsible for any and all impairments in my health and consider the following possible charges:

Assault

I have informed you that installation of a Smart Meter will cause me bodily harm and puts my life at risk. If you install a Smart Meter, I will consider this assault and will file charges accordingly.

Manslaughter or Wrongful Death

If I die, then we're talking about manslaughter or wrongful death.

Medical Expenses

If you install a Smart Meter, I will hold you legally responsible for all medical expenses incurred by the Smart Meter to my health.

Trespassing

If you, Corix or anyone on your behalf comes on my property to install a Smart Meter, I will have you arrested for trespassing.

Invasion and Violation of Rights

Last, but not least. This entire procedure is unconstitutional. It is an invasion and violation of my rights. You should not have the right to bathe me with environmental toxins without my permission. You should not have the right to alter my home in any manner without my permission.

I am not willing to play Russian roulette with my life and you should not be permitted to do so either. As someone who lives with five disabling chronic health conditions, there is not room in my life for more suffering that may result from the Smart Meter. You should not have the right to violate and intrude upon what I must do to protect my health.

I should have the right to have electricity service without being forced to put my life and health in danger. I will take any and all measures available to me to be heard on this issue in my community and across the country including the media and the Internet.

For starters, I am using my website which gets more than 70,000 visitors a month, to broadcast all that transpires between me, the CPUC, Corix and Southern California Edison, including your threat to turn off my electricity and your hostile and lackadaisical attitude towards the concerns and rights of the citizens. I will also use Facebook and Twitter. You may want to take a look at the following page on my blog, which I will be updating throughout this process:

<http://www.holistichehelp.net/blog/smart-meters-are-hazardous-to-your-health-and-violate-your-rights/>

I am in the process of contacting ABC news, CBS news, NBC news, all the local newspapers, the Internet Radio shows, legislators, City Council, President Obama and anyone else who is willing to listen about your lack of concern for our rights and the threat to turn off my electricity — a woman who is disabled with five chronic health conditions. The lack of electricity would leave me without heat in the middle of winter, not to mention the inability to cook etc.

So, once again, this letter is to inform you that I oppose the installation of a wireless SmartGrid meter at my home. I do not want to be exposed to the wireless radiofrequency/microwave radiation from the meter, the security and hacking risks, the potential fire hazard from the meter, or the electromagnetic interference with electronics and medical devices, the invasion of privacy – nor do I want any more cell antennas in my neighborhood.

I will not opt-in to the Southern California Edison Company program by installing power transmitters inside my home on my home appliances, to report energy usage to SCE. The California Public Utilities Commission should require SCE to conduct additional economic studies that take into account various percentages of people who will NOT join this program. SCE has stated that its current 'base case' requires compliance by the public in placing radiofrequency radiation transmitters inside their homes. SCE says the SmartGrid project will cost \$1.6 billion dollars of ratepayer money (for 5 million new wireless meters). This is a waste of ratepayer money if people decline to participate due to health and safety or trespass reasons.

Therefore, I am requesting that you do not shut off my electricity and continue to provide me service with the meter that is currently installed at my residence.

If you do not want to send out a meter reader to read my meter, I will be happy to take a picture of my meter every month and send it to you.

I repeat, I do not consent to the installation of a Smart Meter at the address listed below. Corix, or anyone acting on your behalf does not have my permission to install a Smart Meter at the address listed below.

I would appreciate hearing from you on this matter promptly, as deployment begins on January 18th in my neighborhood.

Sincerely,

Cynthia Perkins, M.Ed.

Sandi says:

April 7, 2011 at 5:16 pm

It's unconscionable that so many stories are coming in and from everywhere and NOTHING is being done. It's like we've been invaded by creatures bent on destroying us. It's worse than any science fiction movie I can conjure. This has to stop. It has to stop now. This is genocide. They're going to reduce the population to a sick, confused mush puddle and then walk them off the cliff.

Howard Glasser Lake County, CA

tharris109 says:

April 30, 2011 at 8:46 am

moving to CA and concerned about the smart meters. And since I had brain surgery a year ago I get really bad headaches. Worried the EMF's from the Smart meters will cause head aches

Valerie says:

May 31, 2011 at 7:23 am

I was wondering does anybody know if these devices have an effect on Patients with pacemakers or even effect the pacemaker itself? I hear that Australia is getting these so called smart meters & my husband has a Gaurdiant pacemaker with 3 leads & already suffers from Tinnitus without a smart meter & I have heart issues as well & our Electrical box is on the outside of our bedroom wall with our bedhead against this wall & cannot be placed any other way in the room due to the design of the room (built in wardrobes & ensuite & large window).

cathryn de gery says:

June 2, 2011 at 3:19 am

I live in a 472 sf small studio, there are 7 smart meters outside the wall of my bed. PG&E installed about a year ago, I recently am dying from the terrible headaches, woke up many times at night , with also very loud ring deep in my ear, consistently ring in my ear !!! I want to throw up all the time, very very tired, do not want to do anything, bad memory, I cannot believe I start to feel my heart is beating so heavy painful and just struggled to make it going. I went to see the doctor, I was told to move out of this room far away from smart meter as soon as possible. I contacted with PG&E, they told me that those killer smart meters are not going to be removed no matter what, PG&E is murder !!!! we need to do something about it in Government to get rid off this killer smart meter !!! I do not want smart meter damage my 6 years old child's brain or any part of our body, please stand up to protect our own life !!! I live in los Gatos, Santa Clara , Ca. thank you for reading and need help !!!

A.R. says:

June 3, 2011 at 11:33 am

This issue has "Class Action Lawsuit" written all over it. Any activist attorneys out there who would care to take this on? Cell phones and their cancer risks are next...

Mary L. says:

June 15, 2011 at 2:17 pm

I have been having increased symptoms over the past few years since a Smart Meter was installed. I did allow it but didn't know then about the health risks, and it's located just outside out bedroom window. I have tinnitus, heart palpitations, many aches and pains that I never had before. I keep going to the doctor's office spending money on trying to feel well, but to no avail. I wish I could find out if we can have it removed.

S. G. says:

June 29, 2011 at 2:18 am

Thank you. This has finally answered my questions. A smart meter was placed on our house April 25. I have been having chest pains, joint pains, rashes, horrible piercing headaches, nausea, very heavy menstrual cycles for two months, decreased mental capacity and increased sensitivity to emf's. I have been trying to get Florida Power and Light to help me figure out why I have been having surges on my gauss meter. I feel sorry for all of the Florida residents who are having symptoms and don't know why.

Bill Beckham says:

July 2, 2011 at 1:38 am

I live in Fresno, CA and ever since a Smartmeter was installed in our home, I have had trouble sleeping at

night. Recently, even my wife has had trouble sleeping. The Smartmeter is installed on the wall outside of our bedroom and moving to a new room is not an option. PG&E says that they will change it back at a large cost and monthly fee.

Robert Leverant says:

July 3, 2011 at 5:53 pm

Reading these testimonies, amplify my concerns about smart meter installation on my house, my neighbor's house (which faces my house), and the houses on our street. It is unconscionable that by stealth and power tripping (pun intended) that PG&E can install these toxic devices & get away with mental, physical and emotional abuse of psyche and soma of their customers/citizens in California, U.S.A.

I'm glad to see that in some instances, due to the timeliness and cogency of a complaint, that some smart meters were removed and the analogue meters reinstalled. This gives me hope.

Holly Manion says:

July 3, 2011 at 6:00 pm

Please, if possible move your bed away from the wall where the smart meters are installed.

My friend, John, experienced ringing in his ears when the smart meter was installed on his house. He made a temporary shield for the RF radiation with HEAVY DUTY foil from the supermarket and a grounding wire. He now uses a more permanent solution which reduces the radiation from the smart meter. As a result the ringing in his ears is gone!

You then need to expose one end of the wire about two inches, and tape this to the wall. Here is the IMPORTANT part. The wire needs to be grounded. Run it out the window and attach to a water pipe coming out from the ground, or you will need to get a copper grounding pipe (at Home Depot). Attach the other end of the wire to this copper pipe (that is pounded as far as you can into the ground). This should reduce the majority of the EMF's coming into your home.

John says:

July 15, 2011 at 7:29 pm

I have read the symptoms, odd enough it was in 2009 that I have experienced vertigo, and balance problems when the Smart Meter came. With all these 'claims' like what I have, there must be some medical research to back it up as well proof. The EMF meter's on the Ghosthunter's show could detect some form of waves coming from the Meter's. Anythought to this?

JAR says:

July 17, 2011 at 10:00 am

It's a shame that reading all these complaints has the effect of summoning up the thought, "These people are nuts." Well, count me in, then.

Central Maine Power did not perform due diligence in alerting people that the meters were to be installed. When installation began in my neighborhood, two weeks ago, exactly two weeks ago, I began experiencing what I can only call a short-circuiting of synapses or something — spams — which spread across my chest into my arms and legs. Szit szit szit — but intermittently throughout the day and night. These have now largely stopped, but my tinnitus is horrible, and I am not doing anything to exacerbate it.

I don't know whether these effects are due to the Smart Meter installation or not. Perhaps I am having sudden cardiac/neurological problems. But what if my symptoms ARE caused by the emfs? The doctor who I will see in a week, would not cotton, I am certain, to my even posing the question. He will say I am nuts.

I say — in the absence of any scientific evidence for my symptoms, one must consider alternative explanations; in this case — the Smart Meter installations.

Note that I had no idea the Smart Meters were being installed, so, at least, this is not a case of psychosomatic inducement of symptoms. Is there a physicist in the house?

PS The dog has been barking wildly — a completely new behavior for this normally plain ol' dog.

JAR says:

July 17, 2011 at 10:03 am

One more thing: my pulse rate, always in the upper range, around 90 bpm, has dropped like a stone. No, as yet known medical explanation for that either. Hate feeling like a nut.

Donna Avent says:

July 19, 2011 at 12:26 am

Smart meter make me dizzy and can't think straight. My mind lot of confuse because of radiation by smart

meter. I did tell CPUC about restore analog but CPUC did not listen me many times.

Mia Nony says:

July 22, 2011 at 11:13 pm

Anyone else here know about Graham Stetzer filters? They are an antidote. They also sell the frequency reading meter which will read your induced electromagnetic levels in the home. The filters are used in the electric outlets in the house to clean up dirty electricity from the smart meter and otherwise. This also means the smart meter stops using your house wiring as a transmission antenna and stops using you as a transmission receiver.

As for physical well being, at least one antidote to ANY radiation exposure and for DNA repair is to take sea vegetables daily.

Mia Nony says:

July 23, 2011 at 12:03 am

All of these symptoms are very real. These frequencies slowly cook the human body. Literally.

Hence the need to practice self protection daily.

The effect is called the "heat effect". Depolarization of nerve and muscle occur as a result.

In Canada it is illegal to allow any frequency to excite or stimulate body tissues. And yet Health Canada ignores their own laws. In reality smart meters are illegal.

So is any wireless device or even the wired meters, since those have a special device called a Supply Mode Power Switch or SMPS which – wait for it – protects the meter from 240 high voltage but exposes the human inside the building to radically spiking high voltage in the process, up to 50,000 Giga hertz a spike. The way I see it? If this is illegal in my country according to Canadian health laws, then if and when this comes to my home I intend to fully and completely wrap the meter in heavy aluminium turkey plates and to hold it in place with duct tape which suppresses the transmission which in turn converts the transmission of the meter from frequency into heat, just like any microwave oven does, and which in turn fries the meter. I don't know how to use a chainsaw or I would use this but I do very much admire anyone who refuses to accept this illegal surveillance device. I feel exactly this way – or I would maybe use a sledge hammer. Same goes for the smart meter boosters on utility poles in the rural areas as target practice. Call this sedition but who is the illegal one in this picture? The utility corporations, that's who. All of them. All at the same time doing this to all of us all over the globe. Who thought that up? The united Nations, that's who. Fake green microwave pollution. FIGHT BACK!

Mia Nony says:

July 23, 2011 at 2:01 am

TAKING BACK THE POWER FROM THE "POWER" UTILITY:

We are all essentially junkies, electricity addicts. Think of the power utility as the drug dealer who is counting on us to not ever think of ways to reduce the amount of electricity we have turned on all over the house at any given moment. We seldom think of ways to wean off the use of this electricity nor even think how to pare down what we do use to absolute essentials as needed. Right now every circuit and every wire in the average home is "on", whether it is needed or not. Every circuit is "live" or "active" for the sake of "convenience". But at what price? When all circuits are left "live" this turns the whole house into one giant transmission antenna for the smart meter to co-opt. Start to think about how much of this circuitry is truly essential for one's daily use. An electricity free bedroom is a good place to start. Okay here are some ideas friends have shared with me.

1) LINE THE INTERIOR SURFACE BEHIND THE Smart Meter ...with a large sheet of anything protective which deflects on one side and is coated on the other interior side so that it does not deflect into the home as well, and choose the shield according to its ability to create back scatter and to reflect radiation, be it specially metal threaded fabric or be it the kind of leaded glass used by x-ray techs or be it a large sheet of lead, or nickel. You can buy and use specially designed carbon paint for the entire interior wall area and even the exterior wall area for at least several yards in all directions behind the meter. Or maybe cover the whole interior area with copper backed wallpaper. Some metals are more effective than others. Aluminium is okay but not as strong at deflection as is copper, for instance. (Although if you were to turn on a cell phone and then wrap it totally in aluminium foil it would eventually turn into heat and fry itself.).

There are also smart meter metal collars and box shields for sale on the net. Truth be told, I am not sure how much they reduce emissions but I think the idea is to direct the frequency and to narrow its beam. In any case the general idea is to accomplish the same thing with this purchase of a smart meter shield kit approach or with DIY for this: Wrap a snug metal collar or aluminium wrap around the entire

circumference of the smart meter and then box it in on all sides except the face with what ever will deflect or suppress the frequencies, hopefully not toward anyone else's property. This is one approach for those who do not want to be liable for actual damage to the smart meter or who prefer not to wrap it up to suffocate the frequency and shut it down for good.

Whatever you use on the interior wall behind where the meter is installed, do some research on the best materials first.

Make it a VERY LARGE SHEET.

Smart meters have a large field. Visualize them as a giant lightbulb and visualize the field as the light from it.

Better yet also add EMF absorption material on the interior side of the lead or other metal sheet or carbon paint surface which you install on the interior wall shared by the meter. Or you might also try to obtain Carboshield from Germany which actually extinguishes radiation and is used to prevent espionage or hacking. .

Be careful not to operate EMF emission items indoors anywhere at all near the smart meter interior shielding material or that same shield, if it has no absorption layer on it, will tend to also reflect or enhance the emissions from items in your home. Remember all electricity has a field. Same goes for stainless steel appliances which bounce EMFs from other wireless devices in the home.

2) YOUR CIRCUIT BOX IS YOURS. Use this fact to your advantage.

Diagnose every circuit. Then turn off every single circuit that is not absolutely essential to your daily use. Fridge and freezer is all you really need except when cooking and one back up plan is to consider a propane outdoor two burner cookstove and or a BBQ with an oven area, for that. Switch to gas or wood heat where ever possible. Turn your hot water heater on only for a while in advance of when absolutely needed. Turn off all appliances including washer and dryer at the circuit box. Especially turn off any newer appliances which radiate 24/7 and which "talk" to the meter. For bathing try one hour max to heat the hot water tank for a shower, then turn it back off for the rest of the time, by using the HW tank like an on demand heater, and then leave it off at the circuit box the rest of the time. Turn off all bedroom circuits and use only LED battery operated "puck" lights everywhere possible. Filter any and all remaining live circuits with the Graham Stetzer filters to neutralize dirty electricity in any live circuits.

3) Notify the utility that you hereby refuse to allow any surveillance device or wiretapping device to be installed or to remain on your home. It is illegal to monitor your activities. Warn them that you know this. Go to Youtube and put the name " Jerry Day" or " Smart Meters" into the Youtube search bar. Then listen to what this savvy electronics guy has to say, so straightforward and uplifting and practical advice. Then use the form letter he provides below the video and personalize it, add your account number and address and send it by registered mail with a certified arrangement and a double signature assurance of acceptance, making certain to send it to the head or CEO top management person of the utility company for your area.

Mia Nony says:

July 23, 2011 at 2:16 am

Robert Baan a, Yann Grosse a, Béatrice Lauby-Secretan a, Fatiha El Ghissassi a, Véronique Bouvard a, Lamia Benbrahim-Tallaa a, Neela Guha a, Farhad Islami a, Laurent Galichet a, Kurt Straif a, on behalf of the WHO International Agency for Research on Cancer Monograph Working Group

In May, 2011, 30 scientists from 14 countries met at the International Agency for Research on Cancer (IARC) in Lyon, France, to assess the carcinogenicity of radiofrequency electromagnetic fields (RF-EMF). These assessments will be published as Volume 102 of the IARC Monographs.¹

Human exposures to RF-EMF (frequency range 30 kHz—300 GHz) can occur from use of personal devices (eg, mobile telephones, cordless phones, Bluetooth, and amateur radios), from occupational sources (eg, high-frequency dielectric and induction heaters, and high-powered pulsed radars), and from environmental sources such as mobile-phone base stations, broadcast antennas, and medical applications. For workers, most exposure to RF-EMF comes from near-field sources, whereas the general population receives the highest exposure from transmitters close to the body, such as handheld devices like mobile telephones. Exposure to high-power sources at work might involve higher cumulative RF energy deposited into the body than exposure to mobile phones, but the local energy deposited in the brain is generally less. Typical exposures to the brain from rooftop or tower-mounted mobile-phone base stations and from TV and radio stations are several orders of magnitude lower than those from global system for mobile communications (GSM) handsets. The average exposure from use of digital enhanced cordless telecommunications (DECT) phones is around five times lower than that measured for GSM phones, and third-generation (3G) phones emit it, on average, about 100 times less RF energy than GSM phones, when signals are strong.

Similarly, the average output power of Bluetooth wireless hands-free kits is estimated to be around 100 times lower than that of mobile phones.

EMFs generated by RF sources couple with the body, resulting in induced electric and magnetic fields and associated currents inside tissues. The most important factors that determine the induced fields are the distance of the source from the body and the output power level.

Additionally, the efficiency of coupling and resulting field distribution inside the body strongly depend on the frequency, polarisation, and direction of wave incidence on the body, and anatomical features of the exposed person, including height, body-mass index, posture, and dielectric properties of the tissues. Induced fields within the body are highly non-uniform, varying over several orders of magnitude, with local hotspots.

Holding a mobile phone to the ear to make a voice call can result in high specific RF energy absorption-rate (SAR) values in the brain, depending on the design and position of the phone and its antenna in relation to the head, how the phone is held, the anatomy of the head, and the quality of the link between the base station and phone.

When used by children, the average RF energy deposition is two times higher in the brain and up to ten times higher in the bone marrow of the skull, compared with mobile phone use by adults.² Use of hands-free kits lowers exposure to the brain to below 10% of the exposure from use at the ear, but it might increase exposure to other parts of the body.³

Epidemiological evidence for an association between RF-EMF and cancer comes from cohort, case-control, and time-trend studies. The populations in these studies were exposed to RF-EMF in occupational settings, from sources in the general environment, and from use of wireless (mobile and cordless) telephones, which is the most extensively studied exposure source. One cohort study⁴ and five case-control studies^{5–9} were judged by the Working Group to offer potentially useful information regarding associations between use of wireless phones and glioma.

The cohort study⁴ included 257 cases of glioma among 420 095 subscribers to two Danish mobile phone companies between 1982 and 1995. Glioma incidence was near the national average for the subscribers. In this study, reliance on subscription to a mobile phone provider, as a surrogate for mobile phone use, could have resulted in considerable misclassification in exposure assessment.

Three early case-control studies^{5–7} encompassed a period when mobile phone use was low, users typically had low cumulative exposures, time since first use of a mobile phone was short, and effect estimates were generally imprecise; the Working Group considered these studies less informative.

Time-trend analyses did not show an increased rate of brain tumours after the increase in mobile phone use. However, these studies have substantial limitations because most of the analyses examined trends until the early 2000s only. Such analyses are uninformative if excess risk only manifests more than a decade after phone use begins, or if phone use only affects a small proportion of cases—eg, the most heavily exposed, or a subset of brain tumours.

The INTERPHONE study,⁸ a multicentre case-control study, is the largest investigation so far of mobile phone use and brain tumours, including glioma, acoustic neuroma, and meningioma. The pooled analysis included 2708 glioma cases and 2972 controls (participation rates 64% and 53%, respectively). Comparing those who ever used mobile phones with those who never did yielded an odds ratio (OR) of 0.81 (95% CI 0.70–0.94). In terms of cumulative call time, ORs were uniformly below or close to unity for all deciles of exposure except the highest decile (>1640 h of use), for which the OR for glioma was 1.40 (95% CI 1.03–1.89). There was suggestion of an increased risk for ipsilateral exposure (on the same side of the head as the tumour) and for tumours in the temporal lobe, where RF exposure is highest.

Associations between glioma and cumulative specific energy absorbed at the tumour location were examined in a subset of 553 cases that had estimated RF doses.¹⁰ The OR for glioma increased with increasing RF dose for exposures 7 years or more before diagnosis, whereas there was no association with estimated dose for exposures less than 7 years before diagnosis.

A Swedish research group did a pooled analysis of two very similar studies of associations between mobile and cordless phone use and glioma, acoustic neuroma, and meningioma.⁹

The analysis included 1148 glioma cases (ascertained 1997–2003) and 2438 controls, obtained through cancer and population registries, respectively. Self-administered mailed questionnaires were followed by telephone interviews to obtain information on the exposures and covariates of interest, including use of mobile and cordless phones (response rates 85% and 84%, respectively). Participants who had used a mobile phone for more than 1 year had an OR for glioma of 1.3 (95% CI 1.1–1.6). The OR increased with increasing time since first use and with total call time, reaching 3.2 (2.0–5.1) for more than 2000 h

of use. Ipsilateral use of the mobile phone was associated with higher risk. Similar findings were reported for use of cordless phones.

Although both the INTERPHONE study and the Swedish pooled analysis are susceptible to bias—due to recall error and selection for participation—the Working Group concluded that the findings could not be dismissed as reflecting bias alone, and that a causal interpretation between mobile phone RF-EMF exposure and glioma is possible. A similar conclusion was drawn from these two studies for acoustic neuroma, although the case numbers were substantially smaller than for glioma. Additionally, a study from Japan¹ found some evidence of an increased risk for acoustic neuroma associated with ipsilateral mobile phone use.

For meningioma, parotid-gland tumours, leukaemia, lymphoma, and other tumour types, the Working Group found the available evidence insufficient to reach a conclusion on the potential association with mobile phone use.

Epidemiological studies of individuals with potential occupational exposure to RF-EMF have investigated brain tumours, leukaemia, lymphoma, and other types of malignancy including uveal melanoma, and cancers of the testis, breast, lung, and skin.

The Working Group noted that the studies had methodological limitations and the results were inconsistent. In reviewing studies that addressed the possible association between environmental exposure to RF-EMF and cancer, the Working Group found the available evidence insufficient for any conclusion.

The Working Group concluded that there is “limited evidence in humans” for the carcinogenicity of RF-EMF, based on positive associations between glioma and acoustic neuroma and exposure to RF-EMF from wireless phones.

A few members of the Working Group considered the current evidence in humans “inadequate”. In their opinion there was inconsistency between the two case-control studies and a lack of an exposure-response relationship in the INTERPHONE study results; no increase in rates of glioma or acoustic neuroma was seen in the Danish cohort study,⁴ and up to now, reported time trends in incidence rates of glioma have not shown a parallel to temporal trends in mobile phone use.

The Working Group reviewed more than 40 studies that assessed the carcinogenicity of RF-EMF in rodents, including seven 2-year cancer bioassays. Exposures included 2450 MHz RF-EMF and various RF-EMF that simulated emissions from mobile phones. None of the chronic bioassays showed an increased incidence of any tumour type in tissues or organs of animals exposed to RF-EMF for 2 years. An increased total number of malignant tumours was found in RF-EMF-exposed animals in one of the seven chronic bioassays. Increased cancer incidence in exposed animals was noted in two of 12 studies with tumour-prone animals^{12, 13} and in one of 18 studies using initiation-promotion protocols.¹⁴ Four of six co-carcinogenesis studies showed increased cancer incidence after exposure to RF-EMF in combination with a known carcinogen; however, the predictive value of this type of study for human cancer is unknown. Overall, the Working Group concluded that there is “limited evidence” in experimental animals for the carcinogenicity of RF-EMF.

The Working Group also reviewed many studies with endpoints relevant to mechanisms of carcinogenesis, including genotoxicity, effects on immune function, gene and protein expression, cell signalling, oxidative stress, and apoptosis. Studies of the possible effects of RF-EMF on the blood-brain barrier and on a variety of effects in the brain were also considered. Although there was evidence of an effect of RF-EMF on some of these endpoints, the Working Group reached the overall conclusion that these results provided only weak mechanistic evidence relevant to RF-EMF-induced cancer in humans.

In view of the limited evidence in humans and in experimental animals, the Working Group classified RF-EMF as “possibly carcinogenic to humans” (Group 2B). This evaluation was supported by a large majority of Working Group members

Mia Nony says:

July 24, 2011 at 1:36 pm

Don't wait for local or state laws to protect you Head straight to the top.

Smart meters are illegal.

Health Canada laws use Safety Code Six – (which, please note, is absolutely no different than the same Code used for all countries including the USA, as these are the international code standards of safety).

International Health Law, as well as the version for Canada in Safety Code Six law, states that any wireless device with incompatible frequencies capable of exciting human tissue and causing the “heat effect” are by ALL Health laws, Canadian ones and those everywhere, “to be avoided”

Think about those implications legally!!

Every single corporation connected with the manufacture and/or the installation of any wireless device is liable under the health laws of every democratic country.

This means that smart meters are right now ILLEGAL, illegal according to every country's own health safety laws which state the same thing as Canadian law everywhere else.

Testimony has been given to our government by a man named Curtis Bennett to this effect.

I gather that it has been pointed out to the House of Commons in Ottawa, Canada in a Standing Committee that Health Canada has "omitted" by what they are politely calling an "error of omission" This means they have decided to disregard the law, and even since being notified officially Health Canada still has continued to overlook or ignore the link to causation from incompatible frequencies between biological beings and artificially generated EMFs. This is a key legal clause of their own laws and Health Canada has also as good as suspended the procedural use of the "weight of evidence" requirement in the study of incompatibility of frequencies between biological entities and wireless devices.

Note that Health Canada only did so for this sole issue of wireless devices.

This means this must be the same for the USA.

And that means that while everyone is busy trying to demand that local ordinances upheld, the reality is that each local governmental body is answerable to each state and each state may or may not be individually answerable to the Feds. So at the Federal level, at least in Canada, the reality is that smart meters are in total violation of Federal health laws.

Busted?

There is a lawsuit in process in the US based on the same fact, that Health Canada is in violation of its own Federally mandated laws which are no different than those of the USA regarding prohibition of any risk of excitation and stimulation and resulting heat effect on human tissues from frequency conflict between these devices and the human body which has a frequency of about 7 to 7.5 hertz and which has absolutely no EMF shielding. Even a simple coaxial cable has shielding!

We have NONE!

Mike says:

July 27, 2011 at 11:23 pm

"My friend, John, experienced ringing in his ears when the smart meter was installed on his house. He made a temporary shield for the RF radiation with HEAVY DUTY foil from the supermarket and a grounding wire. He now uses a more permanent solution which reduces the radiation from the smart meter. As a result the ringing in his ears is gone!"

Does he wear a tinfoil hat too?

Donna Avent says:

August 17, 2011 at 9:34 pm

I did FILE A COMPLAINT WITH THE CPUC for two times but same things. CPUC won't listen me. I got two times with same letters CPUC. I have no power against CPUC. I believe CPUC is bed with PG&E. My mind is fog and can't think straight out and weak because of smart meter. I went to back to Los Angeles, CA and sleep with my sister without smart meter. I feel restore my health and restore my mind. But I have go back home in near Bakersfield, CA and return my mind fog and weak. I don't think CPUC is willing to ban smart meter. Very hard to remove smart meter.

goliath says:

August 27, 2011 at 3:33 am

its obvious and was to a 50 scientist brigade studying these effects and then suppressed by pg/e....its genocide and nothing less people ,,laugh or deride all you want but this an act of war on the citizens in california...screw pg/e..the needc to schedule a day to remove these g/dam things and throw em out in the street or let this nwo agenda remove you fast as the amount of radiation will cause micro nuclei proliferation and some of you are going to perish soon....i was at an apt with 12 of these damn things and experienced all the same problems so i quit going there to visit ...its pretty scary...
<http://ppjg.wordpress.com/2011/08/15/smart-meters-no-federal-mandate/> ..there is no law stating that we have to allow pg/e to kill us and our pets ...pet seizures are escalating and all the vet says is to further screw up the animal ny giving it barbiturate....people are all oh this emf stuff this and that blah blah is harmless until they get hit by itthe govt knows that emf is dangerous as the russians used to bombard the usa embassy there with only .(point) .01 microwatt 24/7 and it caused a shitstorm of cancers in that place...you live in a 65 microwatt environment without the s-meter signals...my dog started to have seizures when someone moved in nextdoor where a wifi had never been and started to leave their wifi on turned up ,,so that with the other wifi complexes in the hood ...anyway it all adds up exponentially...these

assholes at pge can threaten all they want but i would and will remove it and whatever else i might have to do and i recommend that people take a proactive stance against these idiots and their hexavalent chrome legacy that they never cleansed up and continue to use ,circa erin brokovitch,,,where the hell is she now

.....

Judd says:

August 27, 2011 at 6:27 pm

Reading these comments goes to show what a negligent society we live in. I moved to a small country town after being maimed by a Government run hospital. The house we moved into had a small phone tower about a mile up a hill behind us but that was it. Within a year they built a much larger tower next to the old one and now I get pulsing through my ears while my head is on the pillow at night also ringing and sometimes deafness. This all started when the new tower was built. Then after looking through a spotting scope used for photography I saw in the distance a new phone tower has been built high on top of a hill whose antenna points directly to the one near us. We are right in the middle. This is consistent with all these symptoms happening to both myself and my friend who lives with me. We intend to sell up and move away as soon as possible as these phone towers are making us sick.

Kheri Hines says:

August 31, 2011 at 8:38 am

My name is Kheri Hines and I host internet radio show Center Stage. Friday, Sept 2, 2011 from 8-10pm CST on Center Stage the topic: "Is Oncor's Smart Meters Cheating their Customers," will be discussed. However, we plan to talk about all things SMART METERS. I would love for some of you that have had problems to call in @ (347) 850-8390, we are located on the web @ <http://www.blogtalkradio.com/centerstage>. If you have experienced higher than normal utility bills, health issues, concerned about privacy, or have an issue I did not mention, call in... Send me any data you have on smart meters to centerstageradio@yahoo.com if you are not comfortable calling in... Or if you would like to be a part of the panel contact me asap.

Charyl Zehfus says:

September 4, 2011 at 2:22 pm

I just wanted to add something for the benefit of people who might read these reports and dismiss them as complaints from the "tin-foil hat" – or nutso – people.

You will find the "tin-foil set" to include people of all ages, from the left, right and middle, from every walk of life – artists, musicians, teachers, administrators, farmers, veterinarians, etc. Traditional medicine is behind the curve on this growing health disaster, and lumps people into other categories, mental and physical. This is just another form of environmental illness, and in time, will be accepted as such. In the meantime, please be kind and respectful of people with the condition. They are isolated enough without being labelled as "tin-foil nuts."

Thanks.

BJ Arvin says:

September 23, 2011 at 5:16 pm

Think about it.....is this just part of a huge eugenics operation? They take things we all need, Food (GMOs), Water (fluoride and all kinds of other pollutants), Air (chemtrails) and elec power, then go about their attack. Not to mention vaccines or prescription drugs! Can you imagine what this country will look like after everyone has the meters and all the supporting antennas and relay stations are in place? Talk about Zombie world. The way the people from companies and utilities who are raking in the gov. money for doing this boondoggle are absolutely denying the health effects is CRIMINAL and murderous. THEY don't care! I wonder how many of THEM would sleep in a room that was near a bank of 4-100 meters? Yeah, sure. And I thought I was pushed over the edge with being saturated with aerosol spraying containing God knows what! Time for thousands of us to bring lawsuits (small claims courts) against the people who are responsible for forcing this on us. The makers of the meters, utilities, PUCs, and state or local legislators!!!

Paula Fighting for our lives says:

September 28, 2011 at 12:06 pm

Father God Jehovah, as we look at all these terrible health issues here of a smart meter being placed on our homes, we suddenly realize that O God our only hope is You. WE ask in the name of Jesus that You come to our aid in this matter and straighten all this mess up. Father, we need our monies to live on , not to have to have unnecessary meds and doctor bills to function. Now we choose like the Jews from the holocaust living in Germany. Do we buy meds and go to the doctor or do we loose our place to live. Father, please

answer us. Please do something quickly. Our babies are dying , the old are suffering, and the men are not able to work , tired, chronic illness, and anxious. The terrible Emfs are causing all kinds of health problems and bankrupting our country. O God please help us today. Please help us to eliminate this problem and remove this terrible Emf , microwave off of our homes and put people back to work in the name of Jesus. Amen.

Paula Fighting for our lives says:

September 28, 2011 at 12:15 pm

I am 50- one small three pound dog died. I have headaches, dizziness, palpitations,scarey heart pains, blood clots, abnormal periods, tingling and itching of the scalp, facial pain, I feel like something is squeezing my entire body in to . It is awful I have fibromyalgia and arthritis before the meter, But now, I have worse, I fight everyday. It is awful. My husband has a hard time at night while asleep, and my grandchildren when in my home have terrible problems, even get wild at times. I do not know what to say or do. I have contacted my local electric company.

I ask you to join me in prayer to get something accomplished. And for God to call an advocate to our defense, a strong advocate if they do not listen to us.

I pray that it does not take another country taking is over, through the super naturalist of God Jehovah to stop them. They are destroying our temples. God is against this , very much so and as a Christian we all know this to be true.

Please pray that America does the right thing, quickly all over the nation.

My electric company told me we do not have a smart meter it is hooked through the electrical line that it is not wireless, same difference.

Same cause and affect, I assure you.

Please pray . I am praying with you.

Paula Fighting for our lives says:

September 28, 2011 at 12:17 pm

It is not just CALIFORNIA> I am in TN>>>> WE all need help., thank you that YOU all know we are not nuts. I had an electrician to say this about his wife. That saddens me.

dale sheridan says:

October 7, 2011 at 7:38 pm

I was just getting mad at the insane increases to my PGE bill when I started looking at this site. I have been having really weird health problems for about a year now. Dry mouth, buzzing in my head.

I dont think about sex any more and I was beginning to think it was because I'm getting a little old but now I am just about convinced its the radiation coming from the meter. It is less than 10 feet from my bed. I sleep upstairs and the meter is right below my window.

I need to get away from this thing and determine if these symptoms go away.

This just makes complete sense now. I need to get a meter and start a lawsuit.

Betty Gustafson (Health/Fitness Coach) says:

October 11, 2011 at 1:10 pm

Ever since the Smart Meter was installed in my home in California, I have experienced major interruption of my sleep.....waking up several times during the night with feelings of agitation and unable to go back to sleep right away – sometimes I lay there for an hour or more – and sometimes I am so restless that I have to just get up!! (even if it's in the middle of the night).

I also, frequently experience tingling sensations in my lower legs through-out the day and night along with pulsating “siren-like” noises in my ears.

I never experienced any of these problems BEFORE the Smart Meter was installed. I always considered myself very fit and healthy, and could always sleep through-out the night!!!

E.B. Myers says:

October 14, 2011 at 11:32 am

They installed a smart meter yesterday. The first day they came out we refused it and asked them to leave.

Two men returned the next day with the main supervisor. He told me all the info on the internet about smart meters was just lies and hype. I still refused the meter. The super told me I had 10 seconds to decide to have the meter installed or have the power shut off. He told me if I did not give them access to the back yard(where the old meter was located) they would cut power off at the pole and I had about 10 seconds to decide.

Are they (power companies) allowed to use this kind of coercion to achieve their agenda? I still do not want this meter and am fighting to have it removed ASAP.

admin says:

October 14, 2011 at 1:36 pm

Which utility company did this? No they are not allowed to use coercion like this. Contact TURN or UCAN if you live in So CA. File a formal complaint with the CPUC.

smartmeter statistic 2011 says:

October 18, 2011 at 10:40 am

They installed these meters 2 months ago at my house (cincinnati, Ohio) and since then i have felt like i'm always sick. When i visit my parents in the next town i felt fine until last week. They started changing to smartmeters in my parents neighborhood and now i am experiencing the symptoms at their house also. These smartmeters are dangerous.

Aphool Imnaught says:

October 21, 2011 at 4:14 pm

RF/microwave radiation mitigation shielding is essential to protect your DNA and to avoid rapid onset of cognitive impairment.

Repair of DNA is also essential. Protect and repair yourselves

Aphool Imnaught says:

October 21, 2011 at 4:28 pm

Stop suffering needlessly and take care of the damage to your bodies, and then prevent further damage. Spirulina & chlorella repair DNA. Hiroshima survivors who took these two items never got cancer. Stick to recommended dose and at first start with less.

Keep proof of all utility bills as paid up.

Carbon sheets can and do absorb and neutralize radiation. Bubble wrap insulation is a product with this stuff between two layers of foil, is easy to staple to an entire wall and deflects radiation. Staple it to the entire interior wall where the meter is located. Then, since there is no anti foil law, wrap the meter itself up totally with the foil insulation, as well.

Then put on the kettle for tea and calmly wait for the utility rep to show up.

They will.

Ignore what they say.

As soon as they leave then rewrap the meter with this special foil. One place to see pictures of the right kind is at insulation4less.com

Kara says:

October 24, 2011 at 1:55 pm

PLEASE CALL THE PUBLIC UTILITIES COMMISSION OF CA 1-800-649-7570 AND VOICE YOUR CONCERN. Our smart meter was installed today and I just called Edison to have them remove it. They said they can't do that. Once the new meter is installed they get rid of the old one. Of course that's bs on their part. I called the 3rd party vendor and they said they give the old meter back to Edison. So what I learned is that we all need to call the Public Utilities Commission of CA and voice your concern. Use your voice. They are going to make a decision soon about what to do for the people who don't want their Smart Meters PLEASE CALL 1-800-649-7570.

Larry Dunmire says:

October 29, 2011 at 2:54 pm

The more I read of these MANY comments, the more I have realized that I'm not the only one, such as what the reps at Southern California Edison have attempted to convince me of. I have experienced dry mouth and intense headaches at night, and a racing heart, too. I'm wondering if EMF's also have an effect on the teeth and gums, as I've experienced serious bone-loss and dental problems since the installation of the Smart Meter in August 2010 upon my apartment. Of course, there's the unbearable tinnitus and vertigo upon arising from bed in early a.m. around 3, 4 or 5 a.m. On my leg, I've experienced sores near to where my computer modem rests on the floor.... Come on everyone, let's UNITE and form a group, locate a willing lawyer and class action sue the electrical utility companies what do you say?? I have written the 60 Minutes television show and suggested they do produce an expose on this serious problem!!!! All the best to all of the electrosensitives out there!!!!!! Peace & sleep!!!!!!

Barbara Pries says:

November 3, 2011 at 8:23 am

Before I knew any of this info., a SCE man came around and said that meters were changing and I just said ok for him to install the new one. I have tried to get it taken away and get the old one back, SCE said they couldn't do that. I have called and emailed and have not received a response.

admin says:

November 3, 2011 at 9:54 am

<http://emfsafetynetwork.org/?p=6048>

Courtney says:

November 4, 2011 at 6:35 pm

I am so relieved to have found this site. Im here in Maine and our community just began installing the new meters. I had symptoms before I realized it was on my home as well as most of you. The symptoms seem to be changing or revolving and include, sleeplessness, anxiety, feeling of being "amped" up through my body, tingling in limbs, dry mouth, feeling sick to my stomach, but never vomitting, heat on my facial skin, twitches, headaches, twinges of pain randomly throughout my body.

I chose not to opt out...we did recieve a notice fortunately, but I just couldnt have imagined this NIGHTMARE! It's been almost two weeks and Im going to call CMP(our company provider) and complain to get my old meter back.

I feel so hopeless, defeated that smart meters will be all around me causing problems. I have increased sensitivity to wireless networks now...and well my job requires me to use a wireless laptop for hours daily...

People who dont know how bad this feels, just dont understand! ...and for those who are involved with the installation, it is all about \$\$\$\$. It always is.

Im so sorry to those of you whose lives have been turned upside down in this unbelievable nightmare.

How can we promote more awareness...? Fight this battle? People who dont feel the effects right now, are still experiencing radiation but...their bodies just arent in tune with their experiences like ours are. It's a survival mechanism we have...like wildlife have...and there is nowhere to run

admin says:

November 4, 2011 at 6:43 pm

Courtney, there's a great group in Maine working against these meters. Please contact them, you can help each other! Thanks for posting your story- wish you healing. <http://smartmetersafety.com/>

Courtney says:

November 5, 2011 at 7:15 am

Thanks Admin! Im currently staying at my parents (no smart meter yet and they live away from neighbors) this weekend and sadly dont want to go back to the first house and only house I so proudly purchased

It is now my Hell.

Sick of it says:

November 5, 2011 at 2:20 pm

I just had my analog meter replaced by PG and E. I went in person to voice my concerns with CPUC. You can read about my story on <http://www.stopsmartmeters.org>

Good luck be brave and fight back!

honey says:

November 11, 2011 at 12:35 am

I have been having serious ringing in my right and stomach issues..also trouble with my skin wrinkling up..as never before..I am sick to my stomach most days..and feel pains in my head and ears..This is a new thing...I can see now that our installation that the electric company forced on us is what is making me sick, my tongue is getting swollen and red bumps on the edges of the back portion, and it is very painful..I am sure now that i think about it that this is the cause.....My family gets anxious, all at the same time..and yes, when i leave this area i start to feel better immediately..I must have them put the old one back..tho i dont think they will..I am a very sensitive person, plastics, smog, and cigarettes make me sick, so do chemicals in my food..I have been ill all the time since they installed the device..Please someone help us....I am going to write to President Obama who is a friend of mine.....wow so good to read this..it lets me know that i am not going deaf as i thought....

Jenny Donegan says:

November 11, 2011 at 2:17 pm

I have been diagnose with a thyroid condition that I think is directly related to exposure to smartmeter ionized radiation. Here are the resources I have found informative.

<http://youtu.be/FLeCTaSG2-U>

and this article

http://www.avaate.org/IMG/pdf/Tiroides_Pulse_modulated_900_MHz_radiation_induce_hypothyroidism_and_apoptosis.pdf

Not sure what to do, PE&E will not remove the smart meter. My home office is 5 feet from my smart meter and I have been sick for a few months now.

Lody Haroun says:

November 15, 2011 at 8:21 pm

I have recently been staying at my brother in laws house for a few days a week. I recently found out that the smart meter was installed without his permission and that the energy company refused to change it back to the analogue meter. This afternoon a 'smart meter visitor' came around to check to see if it 'has an antenna.. or not' I asked him to explain to me further as to what was going on and he proceeded to tell me that 'he cant tell me untill he finds out if there is an antenna or not' because he was sent out to a few homes that have had 'missing antenna's or faults' The person refused to answer any further questions... except to justify the meters with the world wide use of mobile phones... which was just ridiculus. I told the gentleman that he needed to research these devices further as he is more exposed to smart meters. The man looked at me as if i was crazy. I can't understand why people cant put two and two together and realise the gov't never spends money for US to save, it only spends money for US to SPEND MORE and for THEIR SAVINGS – whether they effect the health of the community or not. My brother in law has not been complaining about health effects, however im wondering if this is the case because there was an 'antenna' missing, or supposedly missing. I also asked if I was the only person asking him these question and no answer was given. Individuals need to speak up! In parts of Australia you can't just change over your organisation as some energy providers dont use or accept smart meters and your current provider will refuse to change it back to analogue. The person also said that by Law as of next year every Australian household will have a smart meter... and it will be a choice between smart meter or NO ELECTRICITY. He claimed that the company would shut down electricity if a smart meter was refused. These are scare tactics – I say its killing us softly era – There is NO LONGER A CHOICE ... smart meter or no electricity. Im taking his INFORMATION seriously...

Linda J. Tillotson says:

November 16, 2011 at 4:54 am

Since a Smart Meter was installed on our house two years ago the following health issues have transpired. My step father died of lung cancer, my mother has severe headaches, tightness and pain in her chest, my brother in-law has loud ringing in his ears, my sister has insomnia, and I have depression, weakness in hands and arms, constant aching in all my bones along with bouts of insomnia. We want this meter taken off our house and I will do everything possible to make this happen.

nowifimeters says:

November 16, 2011 at 10:36 pm

These meters and the LAN antennas they put on our buildings are dangerous. In time we will see. It's the NWO's agenda to track and treat us like slaves. We need a triage solution in the meantime, in response to the dangerous wifi meters being put near our homes and work places. I saw recently that tin foil placed over a smart meter lessened the RF.

We need to find a simple and cheap solution to help us survive until we can get away from the meters. Is this to put foil over every meter we see; is it to line our walls that separate us from the meters with some kind of shielding, like foil?

We always laughed at the "tin foil hat" people. But in reality, it may be a short term help. Please lets figure out what we can do to help ourselves in the short term. I recently purchased a meter so I can find out what the exposure is, now that the F*ing PG&E secretly installed this.

admin says:

November 17, 2011 at 8:40 am

I appreciate your suggestion that we need to find a simple and cheap solution to this problem. If you put tin foil on the outside of the meter it will radiate stronger into the home. Shielding is tricky, not simple.

People can change out their own meters for analogs , but this is not cheap. A multi- approach is what we have done and we need to keep raising public awareness.

What do you think of bright colored stickers that say "RF bio- hazard" or something like that and sticking those on every meter you see?

TAH says:

November 17, 2011 at 4:42 pm

How can the horrible ill health effects of these "smart" meters be denied??? I suffer from the same exact problems as everyone else has stated here. I didn't know what was wrong with me either, until I found out about these damn meters!! I am going to sue, sue and sue. I was told told that nothing was being done until

some bill or ? gets ruled upon by ?? What a load of BS! See you clowns in court!

Rob says:

November 17, 2011 at 9:26 pm

EMF is everywhere, cell towers, anything electrical battery powered or powered from a utility or a generator has EMF. RF is everywhere, it comes from satellites in space, radio and tv transmissions, once again cell phones, short wave radios, cordless anything, baby monitors.

Every car today produces more EMF than anything you have in your household and just think you are locked in that metal capsule that does not absorb it or allow it to dissipate into the environment.

Yes, we don't always have choices in what companies do to innovate. Though we do have the ability to be educated and change our lifestyles and environments to conform with our beliefs.

admin says:

November 19, 2011 at 1:14 pm

Rob, your point that EMF's are everywhere is a misconception in that there is more in some areas, less in others. Practicing prudent avoidance means to understand and avoid EMFS and learn how to reduce your exposures wherever possible. To suggest people move to the desserts of South America is derogatory and making fun of people who have become sick, so I removed it from your comment.

Charyl Zehfus says:

November 23, 2011 at 10:09 am

Just an idea here about the person who PG&E responded to quickly to remove the smart meter: he or she said it was affecting other appliances, including garage door opener and coffee maker (besides their dogs' new strange behavior). **THE LESSON HERE IS BE SURE AND TELL THEM ABOUT INTERFERENCE with THINGS in your home to get a response.**

Matt C says:

November 30, 2011 at 2:41 am

We DO have a choice nomatter what they say. My choice is soon to junk their stupid "Smart" meters and refuse their service. I am going off grid by makin my own solar panels. It's not that hard. Look at countless YouTube videos for building your own D.I. Y. solar panels. An off grid system you build own and maintain is the only real smart answer to this game of harassment bullying denial ignorance and blame-shifting being played by the big electric utilities. Solar power is DC and DC power is both quieter, and safer for human beings in terms of direct contact and lower EMF and RFI emissions. Directly DC-based motors and appliances also are also generally more efficient because they lose no power like AC appliances do, due to having to invert alternate alternations of voltage (rectify Ac into pulsed DC) and smooth ripple from pulsing rectified peaks to try to achieve a more stable DC-like power supply necessary to operate sensitive electronics etc. Thus I recommend slowly room by room converting your appliances and other machines to accept straight DC input by bypassing their internal AC TO DC circuitry and merely transforming an input voltage to any wanted voltage using a Multi-tap transformer only from your solar DC-power battery storage array. If you aren't technically savy to convert power supplies, new directly DC powered gear can be found ready to order online from a variety of vendors on eBay and from other websites.

admin says:

November 30, 2011 at 7:34 am

Matt: you write: "converting your appliances and other machines to accept straight DC input by bypassing their internal AC TO DC circuitry and merely transforming an input voltage to any wanted voltage using a Multi-tap transformer only from your solar DC-power battery storage array. If you aren't technically savy to convert power supplies, new directly DC powered gear can be found ready to order online from a variety of vendors on eBay and from other websites."

Can you provide some links to websites that you found most helpful to understand how to do this?

Linda says:

November 30, 2011 at 11:10 am

My electric company hasn't put a smart meter on my house. I think I have one on my gas meter as the meter man does not come into my yard anymore. He just pulls up in his truck and gets the meter reading from there. I called them up and they said it is the same meter, but they just added something to it so they can read it from the street, do you think this is a smart meter?

admin says:

November 30, 2011 at 1:07 pm

If they read it from the street it's not like the new smart meters which require no meter readers and

constantly transmitting. It may have an RF component, as it is being read from a distance.

Robin Davis says:

December 3, 2011 at 5:52 am

I have been reading posts about the smart meter and the affects on others. I too am experiencing ringing in my ears, headaches, fatigue and my husband gets unexplained headaches. The smart meter is mounted on the wall outside our family room and we sit in the room watching tv and me on the internet less than 12 feet from it on a nightly basis.

Tonight (Dec 2) the ringing in my ears got so bad I called SDGE about 6 p.m. and complained. The girls answering the phones sounded like they were reading scripts prepared for these calls. I was hysterical as the ringing increased. Finally through the tears and threatening to take a baseball bat to the meter and taking it off my home, SDGE had a representative call me and they changed out my meter with another newer smart meter. The ringing is still there but it got a bit quieter.

I couldn't sit in my own home without being uncomfortable. While talking to SDGE on the phone I had to flee my own home. I went to my husbands work in tears. The further I got from the house the quieter it got. We went back to the home and a technician met us there to install a new meter.

I want the meter off my home. After reading other posts, I am certain that this is what it is. I can't sit at my computer for extended lengths of time anymore without the ringing.

Does anyone know a law in California that says we have to have them? One of the ladies on the phone (I went through two and had to hang up on one and call back because she was so scripted it was like talking to a machine.) says it was California law that we had to have these smart meters.

I am ready to get a generator and get off the meter. If anyone would like to contact me and compare notes you can email me at rdavis5 at cox dot net and I'll give you my private email and we can exchange information. I am ready to become a local advocate for the removal of these meters.

Robin

p.s. The ringing is there right now but not screaming at me. I am taking Lipo-Flavanoid (just 24 hours now) that my doctor recommended and purchased it at Walmart. It seems to work when I'm not at home but even that doesn't help the ringing when at home.

Kay says:

December 8, 2011 at 4:31 pm

Does anyone have suggestions to help us counteract these side effects until the smart meters can be removed? We are experiencing interrupted sleep, headaches, nausea, and fatigue since our smart meter was installed Sept 2011. At night, we take a product called Quietude (from the health food store) to help us sleep; we take two tablets before bed. Also, we wear wristbands called Energy Factor Ionic Lifestyle. We have no affiliation with these companies selling these products, but we wanted to share what we're doing in case it can help others. Our toddler woke up every single night since the installation, so he now wears a wristband too. We have written & spoken out to everyone: Governor Brown, the Mayor & City Council, the homeowner's association, Channel 4 news, the EPA, SCE, the CPUC, and the President. SCE has a delay list now, but it was not enacted until AFTER the installation of our meter, and they will not let us have our analog back and thereby join this delay list. SCE suggested that we move out of our house if we feel unsafe. SCE also came to our townhouse to test the smart meters—we have a bank of ten—and they arrived with a useless MF detector, not an RF detector. Concurrently, we had independent testing done with a friend's RF detector, and the readings were off the charts. We need a class-action lawsuit if there is an attorney out there willing to help...

admin says:

December 8, 2011 at 4:36 pm

See this post for more information:<http://emfsafetynetwork.org/?p=6562>

Kay says:

December 8, 2011 at 6:13 pm

I wish it were as easy as replacing our single meter (per the link you provided), but unfortunately there is a bank of ten meters on our house. This is why the current opt-out solutions being proposed will not help us—they are geared only towards those with single meters. The opt-out solution needs to accommodate those who have banks of meters on or near their residence.

admin says:

December 8, 2011 at 6:26 pm

I will reassert your point in the comment on the opt out. Banks should be removed.

heath hampton says:

December 10, 2011 at 11:21 am

i have just encountered and learned about all this, having had a gas smart meter installed two days ago and immediately experiencing ringing in the ears, slight nausea, and discomfort (my head feels weird and hot, with a "buzzing" feeling) – all of these symptoms I recognize as the similar to how I feel if I put a cell phone near my head. (I avoid this by using speakerphone and holding it away from my face.)

My meter is a gas meter with dials, but apparently, according to Entergy La, it transmits once a month. So that sounds like something not too bad. But why the constant symptoms every time I go in my bedroom? (Meter is below and to the right of my second floor bedroom, and faces a metal shed wall.)

I just ordered this, and hope it helps!

<http://www.earthcalm.com/products/scalar-home-protection-system/>

Also, I found this helpful info:

http://www.eiwellspring.org/smartmeter/Smart_Meter_overview.htm

Good luck everyone! HH

Kay says:

December 13, 2011 at 4:34 pm

Thank you for the link to the emf gadget that can be used in our homes. Will you update us if it helps you– on any level? Also, thank you for the link to the detailed smart meter info. It was quite helpful.

david says:

December 23, 2011 at 1:49 am

hi my names dave i work for a compony that is contracted with DTE ive installed alot of the smart meters and have never felt sick nor have the ppl i work with and the way we install them is we knock on the door and let you know why we are there what we are doing and if you say NO THANKS we say o thank you have a good day now after you turn down the meter the main compony comes out and installs in but once again ive NEVER FELT SICK AROUND SMART METERS I LIVE THEM

Jeremy Hawes says:

December 27, 2011 at 6:58 pm

I'm 30 and about 4 -5 days after they installed the smart meter (I rejected twice, but they snuck in my yard and did it anyway) I have increasing ringing in the ears and I am losing sensitivity in my hands and one of the my legs.

No head aches, though higher temperature fluctuations and problems sleeping at times.

Good gosh I hope this ends – I've even looked into other areas to temporarily move, but I'm not sure where doesn't have it.

Monika Krause says:

January 2, 2012 at 6:00 pm

I don't have a smart meter yet but will be forced by BCHydro to get one in February 2012. I am terrified. Two years ago I got wireless internet in my house for the ipods, etc. I just loved all those wireless toys. After about 2 months I started having major health problems. First came the insomnia and I felt my whole body was vibrating in pulses. Then my feet hurt so bad I had trouble walking. The doctor's couldn't see anything wrong on the x-rays, so recommended to fuse the bones in my left foot. The I got zigzag lightening flashes in my eyes that came every other day. The doctor said they were migraine auras without the headache. I never have had a migraine headache or aura before in my 57 years and no headaches without a cause (like a hangover). The worst was not being able to sleep and being exhausted. One night at 3am I was at my wit's end not having slept in 48 hours. No matter where I tried to sleep, my body felt pulsing vibrations. So I decided to unplug everything in my house. When I unplugged the wireless router the pulsing instantly stopped. This total calm was like a miracle and I found the problem...the wireless radiation. I replaced the wireless router with a regular router and installed shielded cables and plugged everything in. It took 2 months to recuperate and feel better. It's been a year and now I sleep like a log again, I cancelled the foot surgery, and no more migraine auras, none. I'm terrified now to have any wireless in or on my house. I don't want to be that sick ever again. I don't need tests, I know firsthand what made me sick since I was the Guinea pig. I pity the EMF sensitive babies and children in wireless homes. It was difficult for me to figure out what was going on, I thought I was going crazy from lack of sleep. I really didn't want the wireless to be the problem, but it was. Disappointing (I'm a Trekkky), but I want to live and be healthy.

So soon my home will be infiltrated by wireless radiation from smart meters. Then what? Do I wallpaper my home with aluminum foil to reflect the radiation ...to my neighbours? Will EMF sensitivity be defined as a disability as it is in Sweden? Will wireless health damage reduce the number of capable and healthy

workers in the western world? Will countries without wireless saturation have healthy populations when the wireless nation's manpower resources are dwindling?

The future looks interesting, bright for some nations, not so bright for others. Where do we fit in?

Marilynn says:

January 3, 2012 at 11:08 pm

I'd like to suggest that everyone posting here give their general location. I am near Willits, Mendocino County, California. The Smart[sic]Meters have been installed in my semi-rural neighborhood, but we don't have one because I posted a very strongly worded warning about violating federal and state trespassing and surveillance laws AND wrapped the analog meter with a bicycle cable and lock. They would have to destroy my property to replace the meter.

I DID NOT put my name on a delay list, because that just gives them permission to install the infernal thing AFTER everybody who is not on the delay list has theirs. I will NEVER consent to a Smart[sic]Meter and furthermore I will NOT pay them a damn cent for the "privilege" of keeping my original, functioning analog meter.

Re: health issues. Obviously there is nothing I can directly attribute to digital wireless meters because the nearest operational meter is some distance from my house. However, I have reason to believe that such a device in close proximity would trigger a reaction in me, as I have had the weird pulsing through my body (described by several people here) at times over the last few years, sometimes to the point of feeling like my head was going to implode. Was I in the path of an EMF transmitter of some kind? I have no way of telling, but since more than 60 of my 67 years was free of such a phenomenon, I can only attribute it to radiation of some sort. (I don't use a cell phone and my internet connection is not wireless.)

I do know people whose entire family started having headaches, insomnia, etc., after a Smart[sic]Meter was installed. Another thing I've noticed is the explosion of shingles (herpes zoster) cases over the last few years. Immuno-deficiency diseases are on the rise as well. Triggered by EMF radiation? Until we know for sure, the only wise course is to shelve these confounded devices until disinterested (read: not-for-profit) third party agencies can certify them as safe for all, especially babies and those in frail health.

Christine says:

January 4, 2012 at 8:33 pm

If a homeowner is sensitive to RF waves and has opted out of the smart meter installation, could they file suit against another neighbor for having a smart meter who didn't opt out? I was asked this while handing out fliers about smart meter awareness in Naperville IL.

admin says:

January 5, 2012 at 12:10 pm

I know of one case in the US where a neighbor sued a neighbor for Wi-Fi- but I am not sure where the case stands.

esdsix says:

January 5, 2012 at 2:29 pm

I think a lawsuit needs to be filed, maybe a class-action. Reason being... There's a smart meter located just below my kitchen window..I had no idea it was there, til recently. But, what I have noticed is anxiety, pain in my neck, and headaches. This usually happens while I'm at home. I just couldn't figure out what it was. I feel this smart meter that's been installed is taking a toll on my health. I am obviously sensitive to these EMF frequencies it emits.. I want it removed, it's not healthy. And its obvious these power companies are covering it up with excuses. Not only that, considering its a wireless device, it's a security risk to personal usage information. The data they are collecting is unnecessary and of risk to our health and security. These smart meter devices need to be recalled with no further use against the public. It's way out of hand. These companies have shown nothing that proves the safety of anything. I've even seen dead bee's near the device, on the ground.

Annie Gibbons says:

January 9, 2012 at 11:07 am

I have eletromagnetic hypersensitivity, have moved 5 times in three years because of thermal burns to my face and neck because of the proximity of cell mast, and increasing wifi use and ever increasing use of hotter devices polluting the air. Recently I had an upper denture put in because the titanium bridge in my upper pallet was acting like a transmitter making things really worse for me. After this was done I was better, however I have asked the spokespersons for both San Meguiel Power Co. in Montorse Co. Colo. and Holy Cross Electric Co Op. 's spokesperson in Eagle Co. Colo. to realize that smart meters have already been recieving bad reviews from others in the country, and for me these represent an unacceptable threat to

my health, and I believe to all of us, especially children and the aged. Both spokespersons were very nice, and said maybe we could have this discussion later. I also sent a letter to the San Meguiel Power Co. board meeting on Dec.14 2011 which carefully explained these very serious concerns. I know that they received this letter. They have an opt out for \$25.00 a month, however if all the other buildings in a neighborhood have them with a router in each block, then the overall electro-smog will be so bad, as to cancel out the one opt out... although at least there is an opt out. Other folks in my area, just don't realize how serious this is. I know because I am suffering with this, and now know all the symptoms, which we are all already suffering with... ie... the five hour energy drink... and sleep meds increase in sales over the past 7 years, which is astronomical! As well as the huge increase in the sales of 24 hr. ant acids for younger and younger people, C-Pac masks for sleep apnea, and a sharp increase in asthma, thyroid problems, un-diagnosable pain, and stiffness, heart palpitation, and last but not least brain cancers. Our Government has allowed these industries to proliferate and has passed regs. which no one voted on, and mandated these things both to supposedly make us use energy more efficiently, and then also to line the pockets of those providers who are manipulating the market. It reminds me of how the American Indians were treated... and now it's us. No news channel has reported on this either, since as a people we are in love though advertising with the notion that all these devices make our lives better, and more powerful. The Green Initiative (?) is at the root of the Smart meter push... the underlying belief is, if the use of electricity is so closely monitored, and controlled, it will force people to make green choices, and spur invention. However the way this is being done, isn't based on free market forces, but on forced control, and manipulation, which already has invited those on the inside to see huge profits for themselves while absolving themselves of the health consequences... since the rest of us, must be made to stop global warming because it's in all of our best interests, ie, we the people are too dumb to choose otherwise. This is the same sort of rationalization of power that led to the genocides everywhere, and in our past too. The belief that green energy must be mandated is the basis of this. Whereas all true green energy initiatives in the past that were truly invented by the people of the United States have been brutally suppressed, because they would have made those corporations in control, loose control of the market, and that was not acceptable since our Government is directed by money, and no longer cares what it does to the people. I realize that all of us who know that electro-smog is reaching the tipping point, must come together in protest, since our singular voices have no value in this system.

Annette Eckert says:

January 11, 2012 at 11:48 pm

I have never had migraines until I moved to WI where they just started using smart meters before I moved here. The headaches have become debilitating to the point that I have become bedridden. I feel better when I get away from the constant high-pitched humming. My vision has deteriorated and I have had my Rx changed 8 times in the past year. What were occasionally annoying pains have become nagging frequent chronic pains, probably exacerbated by the poor quality of sleep from the EMFs and constant stress of exposure. I never put 2 & 2 together until recently, although I was aware of the high-pitched noise and the health risks of EMF exposure. This is a situation where we all need to unite and take action. Our future health is at risk, and we're getting sicker every day!

Maria Crioula Preta says:

January 12, 2012 at 11:43 pm

I never had a single health issue in my entire life. One day, PG&E cut my electricity for a few hours and when I went outside, the meter was installed. A week after that, I started having constant diarrhea. A week after that the migraine headaches came. I consulted with my doctor and he asked if I had been exposed to radiation! I called PG&E and they said it was not their fault. The somewhat sarcastic (which I don't appreciate) attendant asked me "Ma'am, we emit less RF than your iPhone". Oh gosh, as if Apple would make a product that hurt me! Of course I have an iPhone, but I don't believe for a second that Apple's RF is harmful like PG&E's RF! Outraging! Months after that, I started vomiting early in the morning and having cravings! I again went to my doctor and he told me I was pregnant! Now, tell me, HOW? I don't have a boyfriend or lover! It can only be the SmartMeter! This is an outrage! Now I have to support a child as a single mother and PG&E won't even help me!

Bevy Armstrong says:

January 16, 2012 at 3:05 pm

I have had my muscles stop working since the installation of the smart meter. I have had 2 surgeries on my right hand, need it on my left hand, the muscles blew in my left knee, I am very sore and tired all the time. My sleep patterns are messed up and I have constant ringing in my ears. My small dog has some of the same

symptoms. he is only 2 and has muscle disorder, pain, skin issues, etc. my cats who are siblings suddenly act bizarre and mean. this can't all be coincidental.

Mia Nony says:

January 18, 2012 at 12:48 am

All of this suffering has one common denominator, it is a description of all of the symptoms of electrical induction and ammonia poisoning of the brain. SM enabled frequencies allow ammonia and other toxins to cross the blood brain barrier Amalgam teeth fillings make it happen faster.

However, it helps to realize that the frequencies enabled by smart meters or SMs can be "foiled" (literally) and blocked. Interior meter wall must be shielded effectively. Many circuits should be shut off at the electrical panel when not in use for all but absolute essentials like a fridge. Surge protectors should also be used for all appliances and shut off whenever not in use. All live wiring inside the walls should have this flexible foil stapled to the walls, so the walls are lined with mylar insulation foil with bubble wrap spacing. To block frequencies coming through exterior walls and windows they should be screened with aluminium screening.

The radiation itself can be suppressed with carbon paint (expensive) or carbon sheeting (much cheaper).

On the other hand: The fact is that so called "smart" electronics don't just CAUSE interference, they are also vulnerable to interference.

Fight fire with fire.

The goal should be to achieve total suppression of transmission immediately, not just shielding one's walls with aluminium screening from the frequencies from outdoors that take over one's house wiring but putting wire mesh all around the meter and on the interior side of the meter wall.

Next, go to <http://www.freedomtaker.com> and order an analog meter. Instructions for safe replacement come with the kit. So do legal instructions on how to give notice of "just cause" to the utility. Follow the steps for this and hire an electrician after the time line is up.

Essentially you follow the accompanying analog meter kit directions to the letter so that you cannot be held liable for removal of the SM.

You give the utility the correct notice of a deadline for them to remove the meter. When they don't, – and chances are they won't – you are now legally protected by having used due process and in a powerful position to have the SM removed yourself.

Now you return it to the utility, after you replace it with a \$50 analog meter.

Then you secure the analog meter – lock it up but good. Some people build an entire room around them, come put steel bars in front of them, lots of creative ideas. Go to Google images and put in to the search bar Defend Your Analog Meter for inspiring pictures.

It really is time to stop suffering needlessly, especially when electronic signals that cause pain and disability can be blocked, suppressed and stopped.

Remember SM stands for Smart Meter, not SadoMasochism.

Fight back.

vivian young says:

January 21, 2012 at 6:36 pm

I to have been having the same health problems as the people I have been reading about. Every since they installed the smart meter without my permission in September of 2110 I have been sick. I suffer with headaches, insomnia ringing in the ears. what makes in worse for me is that my meter is right behind my head, on the other side of the wall my bed is on. All night I hear this humming and buzzing sound in the wall, with a buzzing in my pillow. I have complain to PG%E over and over and all they say it is nothing they can do about . what really piss me off is the fact that I did not request this health robber, and I was not given the right to opt out. PG%E came to my home while I was at work and put this thing on my house. I call this a violation of my right to choose. I have not felt my self in over a year, not only that beware of the turbines windmills they also cause the same health problem. And they are being put up everywhere, it is called WIND TRUBINE SYNDROME it to makes you sick, I no, I have a smart meter on my house and a wind turbine 1/4 mile from my door with low frequency vibration. Sensitive people do not stand a change in this world full of greedy selfish people, we need to stand together we have a right to life in our home and not be sick. CLASS ACTION LAW SUITE IS IN ORDER.

Dusty Lindsay says:

January 22, 2012 at 9:28 pm

We do not have a smart meter yet here in our part of Australia, but they are coming. The only solution to the problem as I see it, is when the smart meters actually cost more to have than the analogue meters. I

recon that day will come when some one has come up with a “hacking” system that we all can use that will cause the meters to fail. Is it possible? Well if a teenager can hack into the highest secured computer in the world, then a “smart meter repellent” is merely a brain storm away. So one of you computer geeks go out there and cause havoc to the morons that are causing sooooo much havoc to the unsuspecting electricity using public.

Dusty Lindsay

Sydney Australia

PS To the concerned, check this link out...

<http://inpursuitofhappiness.wordpress.com/2011/12/30/microwave-mind-control/>

Paul says:

January 23, 2012 at 10:22 pm

The smart meter was installed and the symptoms started. After 10 months of headaches, insomnia, high blood sugar levels, tinnitus, memory loss, and feeling tired all the time SRP decided to let me opt out. It's been off for over a month and the symptoms vanished the day they removed it. If you are experiencing these symptoms don't delay getting the smart meter removed. It depletes the natural melatonin levels in your body and attacks your immune system due to not getting good sleep. I have found that since your neighbors have smeters you will get even better sleep if you turn the electricity off to your bedroom. You might want to have your bedroom tested for any other microwave radiation.

Naz Ma says:

January 31, 2012 at 11:23 pm

Can some one tell us how to have southern california EDISON remove this device for us?

JAN WALL says:

February 7, 2012 at 7:53 am

I have read these posts with HORROR. TO BELVA, CALIFORNIA – YOU POSTED YOU NEED HELP. Please contact a holistic physician and get some substantiation that you must get out of there. I personally am going to see Dr. Gregory Plotnikoff, but he is in Minnesota. You should be able to find one in you area on this website which I will post for you: <http://www.holisticmedicine.org/>

GOOD luck to all of you. I feel so bad for all of you. I am going to send a letter now to my utility company warning of my sensitivity to EMF and EMR and putting them on notice. It is criminal! Jan

Extremely Concerned says:

February 7, 2012 at 3:52 pm

My smart meter was installed approximately 2 months ago. Since the installation (by the way I had no idea of the radiation risk when it was installed), I started experiencing headaches and could actually hear the throbbing in my head/ears like a heart beat. I had never experienced it before and had no idea why I was experiencing these symptoms until someone later told me it was probably the smart meter that was installed. Looking back at the time it was installed and when I started experiencing headaches, the connection is undeniable. When I am at work, the headache subsides and I no longer hear the throbbing in my ear. When I go back home it starts all over again! It is a nightmare. I've actually had thoughts of sleeping in my car away from my street. It is unfathomable that the CPUC and the EPA would allow these silent killers to be installed on our homes. Please, for the love of humanity, please remove these meters from our homes!

jarad ries says:

February 10, 2012 at 1:57 am

The smart meters have been installed in my side of town since they have I have had headaches everyday my smartmeters is 10 feet from from my head I donunde

jarad ries says:

February 10, 2012 at 2:24 am

712000 deathmeters in las vegas thanks nv energy and I'm sure employees. At nv enregy will lose there jobs no need to check. Meters its all radioactive

Mike Filas says:

February 18, 2012 at 5:32 pm

First I recommend that everyone purchase a Scalar Home EMF protection system. They are 300 dollars and plug into your outlet to ground you with the Earth. Read the google article “No more privacy smart meters are surveillance devices that” and watch David Icke on youtube “Behind the world events” to learn more what this is about. The smart readers pump your house with radiation and your cfl light bulbs. Your cfl lightbulbs and energy and radiation to your outlets and chipped appliances. “They” have total surveillance

in your household and can do things like lower your heat, open your garage door, turn off your refrigerator etc.. "They" can also bombard your electrical brain with subliminal thoughts and do mind control experiments because you are bathed in this frequency grid which uses ELF waves. The same waves the brain works. Crazy place...

Alice Duncan says:

February 19, 2012 at 3:39 pm

I can't believe what I'm reading! I was just saying the other day that my apartment was making me sick! Now I know what it is!! We had our meters switched out a few months ago also! I haven't been able to sleep and my ears are clogged constantly. I am sick and my husband is getting sicker... I thought I was coming down with pneumonia! I keep looking out my window and opening up my door to find out where that sound is coming from! OMGoodness, it's the meters?! For goodness sake they need to do something about this! Thank you all so much, I thought it was me, but every time I'm away from my apartment I feel better!!!! I didn't have health problems before... OK change them back, I for one, knew the Duncan one's were better... ha ha, little Duncan humor... but this needs to stop! Put us back on the other PG&E!!! Don't you have enough problems with the leaking gas!!! REALLY! Alice Duncan, Citrus Heights

Lessie says:

February 22, 2012 at 10:22 am

I have moved 4 times in 1 year, get the same effects from SmartMeters. I thought it was my upstairs neighbor, shocking me. It is terrible, a nightmare. Everyone advised me to call police, but they said they could not do anything, apartment manager think I am crazy. My complaints are same at every apartment, under my pillow, hitting my legs, arms. Those gadgets I ordered to block does not help, waste of money.

Marlene Lundin says:

February 26, 2012 at 2:52 pm

I also though I was going crazy. Unable to sleep, headaches.....I was a healthy active senior until the meter was installed. I live with my mother who is 92 and 4 dogs who are resless and also have a hard time sleeping at night. They whine often during the night.....Let's face it Smart meter are making us sick!!!!

I want my old analog meter back.

Marlene Brandt says:

February 26, 2012 at 6:00 pm

I wondered what was going on with my body lately. I have noticed loss of memory, balance problems, feeling nausea every day, fatigue, acid reflex, low grade headache, sleep problems. Now I know. I had a smart meter installed too. I hope I can have it removed. Can't our Congressmen do something about this?

COLORADO says:

March 1, 2012 at 11:11 pm

We are looking to create grass root groups across Colorado for Electric Cooperatives and Regular Utility Companies. Please send us an email at coloradorf@yahoo.com and or join our group.

admin says:

March 2, 2012 at 10:04 am

Here's a group started in Colorado: <http://cocitizenonrf.blogspot.com/>

Kassie says:

March 4, 2012 at 10:09 am

I live in the San Diego East County area. I came out of my house one day a little over a year ago due to hearing a strange noise and caught the man attaching a smart-meter to my home. I asked him what he was doing and told him to stop it, I told him I did not want a different meter on my house. He was working very quickly and made some comment about how letters had been sent out (I never received one) and that he had to put the meter on and then he drove away. It was very disturbing. I didn't know at that time what a "smart-meter" was or what the health ramifications would end up being.

I do know that since that time I have had unending tinnitus and ringing in my ears, that interrupts my sleep every night. In fact, I also hear it throughout the day when I'm home and before I go to sleep and dread laying down in my bed. I think the only reason I actually nod out for a few hours is from sheer exhaustion. Once I wake up around 3 hours later, I move to the living room, but even that place has become one of unending high-pitched ringing. My ears almost burn from it. In addition, I used to be very focused and energetic, with plans and goals. Now I frequently feel overwhelmed and almost "frozen", having lost the desire to do many of the things I used to greatly enjoy. I couldn't understand what happened to me until recently I started hearing about the smart meters and the EMFs and found this site. I am horrified to see that

not only are my symptoms very similar to what others are experiencing, it is nearly impossible to get SDG&E to remove these meters. I'm also afraid because I have had much exposure to radiation starting in my teens due to extensive diagnostic xrays in my youth for scoliosis. Perhaps that is why I am so sensitive to these frequencies now. I also just figured out today that my neighbor's smart meter is 10 feet away from my bedroom wall, which explains why I can't sleep in there and feel so restless all night. It's a toxic zone! I have been feeling like my bedroom in particular has become a menacing environment to me every time I go to lay down, which I couldn't understand why I felt that way, and now today it all makes sense. I pay SDG&E over \$100 a month for their services. Why am I forced to have this equipment that is dangerous, that I don't want, and that can easily be replaced by something less harmful? Do we no longer have any rights at all??? We need to band together and fight for a solution.

Julie Sunflower says:

March 4, 2012 at 9:57 pm

I am SICK AND TIRED OF LISTENING to your frequencies of your smart meters that EVERY ONE HATES it is obviously a health issue I can't wait until you go down in many lawsuits over this negligence!

Deborah Houle says:

March 5, 2012 at 1:17 am

I also had the smart meter attached to my home without an "opt out" option that I was aware of. After receiving a horrendous electric bill, we requested a tech to check our meter to see if it was running accurately. The supervisor at the electric company told me we had used a lot of electricity over the weekend. We had family that visited us from out of state. Is this Big Brother??? When the tech arrived at our home to check the meter, he informed us that the electric company employees themselves had opted out of the new meter. Does that tell you something? He said there were many complaints. Meantime, I've felt faint and jittery and didn't have a clue that my meter may be the culprit. I'm restless when sleeping and have had headaches which have all been recent. This is scandalous. I'm praying for a resolution.

linda sass says:

March 5, 2012 at 2:21 pm

I have had headaches and insomnia for the past 4 months I live in an apartment with 29 smartmeters close by.....where else can we complain about smartmeters?????what is a safe distance????thank you

admin says:

March 5, 2012 at 2:49 pm

If you live in CA complain to your utility provider and to the CPUC, Consumers Affairs branch:

<https://ia.cpuc.ca.gov/cimsapp/?key=39949189>

I don't know a safe distance. It's a difficult question to answer.

Conrad H says:

March 8, 2012 at 5:34 pm

I have created an interactive complaints map where people can report their issues along with any media they may have and post them geographically. American version is brand new and Canada version is at NoBCsmartmeters.com. Feel free to post your experiences there.

Conrad Hild

Admin: NoBCsmartmeters.com

Admin: Smartmetercomplaints.com

Paula Fighting for our lives says:

March 10, 2012 at 8:04 pm

I am not certain how much these meters affect us, but I know they are not good for the health at all. I also know that in our town are 180 something cell tower clusters, enabling cell phones to function all over our town. On one side of town the other day, I got sick just driving around them. I have electro sensitivity. I have tried everything on the market, and as of yet, I do not have an answer. I can tell you that I did put pet resonator protectors on the animals, after losing one animal, and this helped them.

I remain in pain, they were having seizures, all the same kind, one died.

My house is no longer comfortable at all. I so long to have our home back.

I understand your fear, your pain, and I know that you are telling the truth.

People are developing all kinds of diseases and dying, some do not feel the effects and say we are crazy, yet they are being effected as well.

I pray for tis to end and for you and yours to be protected from this evil that surrounds us daily.

Lisa says:

March 18, 2012 at 2:09 pm

My neighbors got smart meters installed on Feb 28 or 29th as of March 1st I started getting sick. I started to get diarrhea, sev nausea, heart palitations and chest pains, trouble sleeping, earaches, sev constant migraines, confusion, weakness on left side and a seizer on 3/10/12 my husband could not get a pulse in my neck and called 911.

After the seizer on Sat the side effects from my neighbors smart meters got worse. My husband was calling me every 1/2hr during the day because he was terrified I would have a gm seizer which could kill me if I am alone.

I called multupal times Gov Scott of Florida, Rep Harrell, and have never recieved a call from them. I have other people calling my Rep Harrell daily and they also get no call back. I have called Senater Joe Negron no call back. The PSC is more concerned in protecting FPL then a florida resident it is very obvious specially when you get verbally attacked.

Rep Harrell, Gov Scott, Sen. Joe Negron are more concered covering for FPL (big biz) then protecting their constituents.

I have not had a seizer in 14 years and I was looking to get off my meds, yes 14 years NO zeizer.

FPL did remove the mart meter on one neighbors house as per their request (I spoke to them) I have called FPL many times and told them their damn meter is endangering my life after having a seizer and I was going to SUE them.

Hopefully the other smart meter on my other neighbors house is going to get removed.

RICHARD JACOBS says:

March 24, 2012 at 6:48 pm

we have recently moved into a neighborhood in chesapeake virginia (dominion power supplied) with a friend and roommate. right next to our house is a panel with four of these "stupid meters" installed. before moving here me and my wife never had headaches and now constantly do. so does our room mate for the last three months, and has lived here for four years but he did not have headaches till a bit after the meters were installed. i have researched this subject for 3-days straight now on the internet and have found out once again the american political system has sold out the health of its citizens for corporate profit, california excluded it seems (they are removing them and virginia is buying them). this goes right up to the obama administration who backed this 100%. well i for one have had enough of this "change". in my opinion change is not good. our health is worth much more than corporate profits. we are going to start a petition to get these "stupid meters" removed.

Jaci in BC says:

March 30, 2012 at 11:07 am

I live in an apartment building with the smart meters somewhere in the basement, much farther than 6 feet away from me. However, I have experienced dizziness and disorientation, memory loss, and confusion since they were installed. Other symptoms are present as well, but only when I am in the basement of our building.

John says:

April 3, 2012 at 4:28 pm

For everyone suffering from the effects of smart meters, help may be on the way. Recently SC Edison installed a smart meter at my residence, which is also my business location, and in so doing shut the power off without notice and damaged our main computer. After taking SCE to court and having a crocked judge only award me the cost of the damage harddrive, but give us nothing for the labor costs to install the harddrive and reload all the computer software, I am pissed.

Being a defense contractor, we have designed RF shielding for sensitive military equipment, and I am so pissed off at SCE that we are now going to use our engineering talents to design a military grade RF shield to encapsulate smart meters. This will not be a home-brewed design like wrapping aluminum foil around the meter. Our design goal will be to stop 100% of the RF emissions from any smart meter. The "opt-out" programs Edison adn the other utility companies are pushing will cost you \$200 – \$300 the first year and \$120 – \$200 every year thereafter. Our plan will be to sell these units at cost with a price goal for the shield to be around 25% of the first year cost and with no future year costs.

Of course these things do not happen overnight, so it will take us a couple of months to get a working design, test it, and figure at the production process. If you don't have to make an immediate decision to pay Edison or your utility company for their "opt-out" program, give us a chance to do this development effort. I, like most of you, am sick and tired of the arrogant attitude from Edison and all these utility companies. I want to make their lives as miserable as they have made ours. I will post again in a couple of weeks and give an update on our progress. Hopefully we will be successful and can put an end to everyone's suffering

and Edison's arrogance.

Miss. J. Webster UK says:

April 18, 2012 at 3:55 am

I read with great interest today of your problems with Smart-Meters in the USA.

I do not think, so far that we have them in England.

However, we are in the middle of the digital changeover for TV's here in England.

The reason I am going through relevant sites today, is to find out why since the changeover to HDTV, am I feeling so ill and my sight in particular feeling so bad.

With analogue TV I had no such problems. As soon as I look at a digital TV my eyes feel strained and I am most uncomfortable.

I have never worn glasses to watch TV but tried to watch for 2 hours the other night, with my driving glasses on. I felt extremely uncomfortable and on removing them and switching off was extremely disorientated and woozy. I felt depressed (never happened before) and not able to focus or concentrate; totally like a zombie. Since then I have not watched TV, only on analogue; no probs with that but the changeover was completed last night, so analogue has been switched off for good now.

I do have fibromyalgia badly and a reduced immune system, due to severe allergies some years back, so can relate to so many of your comments on here but am wondering is there is a similar connection with digital TVs and the transmitted waves which are affecting me or if anyone known how I can watch TV again now we are stuck with digital.

Some of the things I have read today on various net sites concern me greatly, particularly with relation to HAARP transmitters and HDTVs – see Control by the Sound of Silence and The energy effects of HDTV, which states that the brain cannot translate the signals with Digital waves as it can with Analogue.

Or is anyone can direct me to the relevant sites which may answer my questions and my problem.

Thank you.

Holly says:

April 18, 2012 at 6:15 am

I am having all of the symptoms that are being mentioned here especially insomnia. I am also sleep walking and screaming all through the night. No one is getting any sleep... This is the worst thing that could ever happen to us. Can it not be reversed? I can not get anyone at Georgia Power to switch my meter back to analog. I want my health back!!!!

admin says:

April 18, 2012 at 8:58 am

Smart meters will not be mandatory in UK. I do think the switch to digital TV signals was/is a problem, but am unaware of other sites addressing this particular issue. Maybe another reader can comment?

class action lawsuit says:

April 28, 2012 at 4:38 am

Until recently, I lived in a large apartment complex. Shortly after conversion to smart meters I developed really distressing symptoms. I felt dizzy to the point where I couldn't function normally and spent a lot of time lying down. I also developed a high pitched humming/buzzing in my ears that seemed especially loud when I woke up in the morning. I didn't know we had even converted to smart meters since it's an apartment building versus a house and I had never even looked at my meter. Once I developed symptoms I researched online and came up with smart meters being a possible cause – a neighbor showed me a letter from PGE describing the timing of the conversion which was shortly before I developed my symptoms. I guess I missed the letter, not that it would have done me any good to protest. I went to look at my new smart meter after I started developing symptoms and oh my god, it was a huge bank of smartmeters not far from my unit (it's a really big complex). The worst part is I have since moved and my new duplex also has 2 smart meters not to mention the neighbors smart meters. The dizziness seems a bit improved but the humming/buzzing is getting steadily louder. Folks, we have a serious problem. First of all, it should be illegal for any industry to sponsor or quote scientific studies that they themselves have funded (purchased). Scientists are like any other people and just as susceptible to corruption from money as a politician. We have enough independent research that verifies the dangers of the type of radiation put out by smart meter's that PGE should not have been allowed to do this. If there is a class action lawsuit I'm signing up. I have documented the onset of my symptoms for the lawyers when it gets to that. Here's some links for you all including one report produced by a company that shows that radiation from a smart meter can increase to the point of fcc violations – the increase is related to increases of 1000% to 2000% re

http://emfsafetynetwork.org/?page_id=2292

reflective factors. Here's the link...I hope you all READ IT!!!

http://sagereports.com/smart-meter-rf/?page_id=212

Also, consider that the smart meters are on top of the already increased pollution from cell towers, radio towers FM and AM, ham radios, etc. If you want to check out the nearest antenna's and towers to your location use this website:

<http://www.antennasearch.com/default.asp>

Finally, here is a table from this same website that produced the smart meter report showing the serious and severe health consequences that have been shown in scientific studies due to radio frequency radiation.

http://sagereports.com/smart-meter-rf/?page_id=404

Finally, don't forget that the smart meters have TWO antenna's, 900 MHz and 2.4 GHz. Do not spend a long time looking closely at your smart meter. It is bad for your eyes – and I mean literally. Seriously, I see PGE's future and in it are a lot of lawyers trying to fight all of us off. My recommendation to all of you is document now – when did your symptoms start appearing? Go to the doctor to get evaluated and have hard documentation. Note if your symptoms improve if you spend time away from the smart meters. Write down all of your symptoms. That way when we haul PGE's aXX to court you'll have a nice neat packet to hand over to the class action lawyers. Good luck until then everyone. I feel for you!!

Phyllis Reed says:

April 28, 2012 at 9:24 am

I have always been healthy. I started noticing that I was feeling dizzy, having intense head and body aches, inability to concentrate, and heart palpitations. I did not know how to explain this rapid deterioration in my health. My daughter came to visit and I was discussing this with her and really confused as to why this was happening. She went outside to find that my bed was literally 3 feet from the recently installed SmartMeter. She proceeded to call PG&E to complain about this and they said there was nothing they could do except place our name on a list. I am very disappointed since I was never informed of such a change. Why can they come over and add such a device without our permission? I would like to change back to an analog meter and hope we can do so in the near future.

admin says:

April 29, 2012 at 10:31 am

You absolutely can get rid of the smart meter. Call PG&E and tell them to remove it. 866-743-0263

brenda heath says:

May 1, 2012 at 6:38 pm

since smart meters i have dizziness, i feel my balance is off center. and i have noises in my head, like a gun shot going off.

Dave Lynch says:

May 3, 2012 at 12:41 am

Opting out of a Smart Meter has now become an extortion racket. Even if you can stand EMF radiation, there is a 4th Amendment Constitutional violation as these meters monitor your daily activity by the hour, without a warrant, and anyone can access your activities with enough computer chops. Your data may also be sold without you knowing about it.

I just received SMUD's *Opt Out plan:

* I will be charged a One Time Fee of \$127.00.

* I will have an additional monthly fee of \$39.40 added to my SMUD Bill.

* I have 13 days to respond, from today 5-2-12.

They are the only game in town, a monopoly, and I have no alternative. I refuse the meter for it's health issues and violations of privacy I am crushed with cost, Mafia style. Is this just? No, it will happen to you. When will we all collectively say, enough is enough? Adding insult to injury, our legislators could care less. Personally, I am sick of it. How do we stop this insane criminal behavior?

This is my house, my investment. I have a right to privacy and be able to refuse this EMF device without extortion and I should have the right to be able to buy my utilities at a fair price without these Unconstitutional surveillance devices on my home.

admin says:

May 3, 2012 at 7:44 am

Have you seen this? <http://emfsafetynetwork.org/?p=7284>

Have you considered attending a SMUD board meeting and speaking to them?

Mia Nony says:

May 14, 2012 at 11:55 pm

THE ANTIDOTE: STRONG LARGE MAGNETS PROPERLY USED WILL PHYSIOLOGICALLY REVERSE FREQUENCY INDUCED SYMPTOMS

SMR says:

May 16, 2012 at 7:34 pm

Charging a Opt out fee to someone because a smart meter is causing them health problems because they are RF or electrically sensitive is called "Medical Discrimination" and is against the law. Pay the fee, get the meter out, then sue the power company.

LD says:

May 17, 2012 at 7:43 am

The SoCal Edison Smart Meter has invaded my house since Aug. 2010 and turned my little wooden home into an unbearable electrical or electronic "warzone!!!" The last couple of weeks have been the worst, and even though I call Edison, they say there's "no harm done" from the "Smart" Meters, and I ask the representative how he/she knows, since I'm the one living in this terrible environment and experiencing the terrible effects of the meters !!!!

The Smart Meters upon the wall just outside my bedroom have made this warzone unbearable, and seem to be doing a number of other things to my home, as well, such as for some reason setting off my refrigerator to recycle incessantly and often .

For many nights now, I've been unable to sleep comfortably, or even at all, and I suffer from pitiful and continual heart palpitations at night and the non-stop inability to stop my mind's racing thoughts, and the buzzing and ringing in my ears and head continues continuously until I leave my apartment to "clear my head." Leaving the premises immediately clears my head and the symptoms disappear immediately upon leaving my "electrified" atmosphere !!!!

Other ailments include painful joints in my hands, (rings on fingers increase the pain), my hips and knee, and I feel that the meters affect our body's ability to keep or absorb calcium, with continued tooth/gum problems and difficulties.

I feel that the EMF and EMR's emitted by the Smart Meters and electrical invasion are also responsible for blister-like sores on my shins which appeared soon after the installation of the "Smart" Meters in 2010, and have continued to grow in number and discomfort. For months before I was able to discern that the meter was responsible, I slept quite near to the meters, and my head faced in the direction of the meters, probably five to six feet from the smart meters!!! Not a good idea, at all, I'll tell you. I also feel that the Smart Meter has affected my thyroid gland, as I experienced pains in my lower throat/neck area for months after the meters were installed, and I also lost sufficient amount of weight in that first year (probably as much as 30 pounds, and five inches around my waist!!).

The sleepless nights continue now and as SoCal Edison continues to promise the removal of these terrible, hateful things mounted without our permission upon the outside of our houses !!! These physical issues are just part of the many problems that the so-called "Smart Meters" bring with them into our lives, and there are a number of additional rights issues I've not discussed !!!!

SoCal Edison and the many other utility companies need to waken up to the many REAL harmful physical and mental effects and issues brought upon us by the installation of their "Smart" Meters upon our personal, private property, and again, without our permission or agreement!!!

This torture and torment is terrible, and very REAL, and not imagined. SoCal Edison and the other companies and their employees must be made fully aware of this and not to laugh at, mock, or question our credibility in this regards.

-LD (Newport Beach)

Suzanne says:

May 21, 2012 at 10:56 am

I've got an outside wall with five smart meters on it. Inside my house, I've got a large lead crystal bowl and artistic plate against the wall at the approximate place they are on the outside. I'm wondering if copper or aluminum plates would be better at blocking the emanations. The electric company would charge \$15 per month to reinstall the old meters – I'm not paying \$75 per month for other units' meters. I also wonder if the Stetzerizer filters would provide any benefits.

Kerrey Degagne says:

May 25, 2012 at 6:17 pm

I am 39 years old and have been plagued by a bunch of health symptoms .Headaches, pain in my chest ,ringing in my ears ,insomnia ,anxiety, joint pain , confusion .I recently went to the emergency for what I thought was a heart attack . I am really confused by the lack of support from the government not looking

into this situation . How many sick people does it take to remove a smart meter, thousands and they do not care .When the strain on our health care finally busts will the government finally listen . How do i get tested for this and who do i contact for help .I will be contacting my family doctor about this my symptoms have been getting worse over the last 2 seasons since hydro has installed smart meters in my home town.I guess i will write a letter to a member of the government next . Atikokan Ontario

michele maki says:

June 2, 2012 at 5:20 pm

Just to piggyback on SOLUTIONS, not to discourage ranting, I have noticed that the “peak” of my head buzz comes just seconds before I hear the choo choo train (that’s railroad for anyone under 40 yrs.) sounds its alarm. THIS IS CONSISTENT. In Georgia, the rails are abundant. We live only one-quarter mile from tracks. Anyone with an engineering degree and high mathematical ability should explain to us the probability that the radiation from wires overhead are and IS movement with trains. My guess is it’s all connected. We live in a virtual field of buzzing from top to rails. With meters buzzing 24/7 the “pulse” continues. Have you noticed that?

Todd West says:

June 14, 2012 at 5:15 am

I am trying to find a law firm, after over 2 years of being terrorized by infrasonic radio phenomenon and blasted by power surges through my wiring, I narrowed the cause down to Smart Meters. I believe these things are causing an epidemic and MUST be stopped and damages paid to us whom these shoddy/foreign made devices have made sick and disabled. Not to mention many firms and manufacturers have committed outright fraud trying to profit off people’s ignorance.

Todd West

770-769-9126

bernadette johnston says:

June 14, 2012 at 5:42 pm

Would the person who commented on Smud’s extortion opt out rates please call me. I have a meeting at Congressman Lungren’s office and I would like to have some input.

Thanks,

9168449968 Bernie

Cheryl Yonker says:

June 27, 2012 at 5:05 am

Another sleepless night . . .

It’s been over a year since Smart Meters were installed here. I’m quite familiar with most all of the symptoms described here – as well as the feeling of desperation. I continue looking for a new home after living in my apartment for 25 years. I think it would be good to establish a website for “Smart Meter Refugees” and people looking for others wanting to build a community without wireless technology.

Bryan says:

July 5, 2012 at 11:40 pm

I’m a radio guy, and understand transmitting ok I think. My guess is these meters use a very small antenna, with a lot of wattage, to get the signal to their “base.” All they have to do is use the current from their lines. (Makes sense right!) I mean, if their is no repeaters or anything like that, it would have to mean they use a LOT of wattage then, since their is no other “magical way.” That is what scares me about these. Who knows, they could be using FM radio station strength wattage around your homes, and you could be getting rf causing all of this, on top of the emf. These freak me out. A GMRS radio doing 5 watts can’t even go a mile practically. And since you can’t see an antenna of any kind, it must be fm, and has an antenna inside of it coiled up. So think of the actual wattage these things could be doing. Just do the math. Man, if they don’t have repeaters...heck whatever...GET RID OF THEM. I noticed a “change” too in the environments feel. Something isn’t right...it’s just like doing a remote at a radio station, and standing next to the vans antenna when transmitting. It’s the same feeling!!!

Lady A says:

July 9, 2012 at 6:44 pm

Three months after a smart meter was installed on the house where I rent the master suite, I was diagnosed with severe depression and panic attacks. This came out of the blue. When I heard about the meter dangers, I went outside to see where the meter is, and it’s ONE FOOT FROM MY HEAD when I’m in bed. There is nowhere to move the bed. When I’m on my cordless phone, it clicks and crackles so loudly I have to leave the room. I have ringing in my ears on and off. I have lost 40 pounds from all the medications I’ve been

given for the depression and panic attacks. As a 59-year-old woman working part time, I don't have the luxury of moving right now. This sucks.

LC says:

July 14, 2012 at 11:56 pm

We moved to Aptos (Calif.) in October of 2011 and are renting a place with three Smart Meters outside the house, near the garage. In April of 2012 I developed severe pain in my neck, hands, wrists, elbows, hips, lower back, and knees. It does not respond to pain medications at all. I was tested for rheumatoid arthritis, Lyme disease, Lupus—all came back negative. I'm a 55-yr-old woman who used to take brisk walks almost daily and now need to go at a much reduced pace over shorter distances with the aid of a walking stick.

What is going on?

Lorene says:

July 18, 2012 at 3:40 pm

For two years I've had chest pains, heart palpitations, shortness of breath, sleep problems, anxiety, memory problems, have felt exhausted and weak, and I cannot even walk halfway up our stairs without my heart racing and being totally out of breath. I am not overweight. I work out daily. I eat decently. I'm in my early 40's. But my health is like that of an 85 year old smoker! I've been to my family doctor, a pulmonologist, a cardiologist and an allergist and no one could find anything wrong with me. I started having these problems for two years, out of the blue.

I started to research the health effects of RF radiation, and found out that smart meters are huge emitters of this type of radiation. We had two meters installed (against our wishes) two years ago. One is on our gas meter, which is near my office where I work all day and is on the wall of my 6 year old daughter's bedroom. The other meter is on the other side of the house for our electrical.

Basically I have now figured out that my symptoms started soon after the smart meters were installed on our house. My 6 year old daughter has also shown symptoms. She is losing her hair and has frequent nose bleeds, and cannot sleep at night. She also has frequent head aches. I thought that all her symptoms were from her allergies but when she started losing her hair I knew something was up.

Yesterday I put foil on her bedroom wall and floor behind where the meter is, and around the actual meter. Today I woke up for the first time in two years without feeling like absolute crap and my shortness of breath and heart issues are gone. So I think the foil diminished the amount of RF I was taking in each day, all day long. I am having my daughter sleep in another room for the time being, away from that dang thing. I have asked PG&E to remove our meters and they are doing so. This is due in part to all the back lash they have received from people like those of you who posted to this site, and I'm very grateful for that. Of course they are going to charge us \$ 75 to remove those cancer cannisters. I plan to fight them. I am going to call our local news station to tell them about this and make a huge stink about this BS. I think PG&E should be paying ME for all the health issues they've caused me and my family and the wasted money I have paid to doctors to figure out what was wrong with me.

Yvonne O'Hare says:

July 19, 2012 at 11:16 am

I am woken up nightly by a stornq surge and jolt. Then I feel small ripples through my body that start and stop for seconds at a time. This also occurs during the day. My sleep has been disturbed ever since the smart meters were put in. My energy is lower than it used to be and I am very irritable as a result. I can't think as clearly as I used to. But mainly if I am sleep deprived my body doesn't function well.

Not sure what the ultimate toll on body is from the Smart Meters but I am not happy about being used as an experiment.

tim says:

July 20, 2012 at 9:55 am

wow this something else. i mean i know all these symptoms can have other related causes but ever since they have installed smart meters in my condo complex a slew of the exact same things have been happening. we live up stairs but the people downstairs closer to the meters fight all the time. her daughter has cronic head aches, the kid is ALWAYS goin wild. her mom had a siezure not so long ago. my step father has had random migranes he has been diagnosed with neuropathy and randon chest pains. my mother cant get a full night sleep she continiously complains of naseau. i havent been able to get to sleep at a decent time of night to save my life, plus i have been having a hard time using the bathroom and a constant case of dermatitis and psoriasis. im not a stupid person i do know some what about the medical field im a pharmacy trechnician and i know a bit of what connections could be concerning exposure to EMF meters smart meters ect...

Nancy Garcia says:

July 29, 2012 at 12:45 pm

I started feeling dizzy, lost and I did not know why. suddenly something came to my mind of course the digital clock, it has affected my health so bad, but what it really worries me is my child, one morning there was blood on his pillow and I was so scare I started to checked him and it was his nouse, he did not had the flu nor any other ill.

This is not right, we paid for everything this is a Country of Freedom. We the consumer have the right to choose and this is the time I want the old meter intall back in my house, the digital meter is against our health!!! some body has to do somenthing.

Charley Meckna says:

July 30, 2012 at 6:52 pm

Wow!! So many sick ppl my heart goes out to you. My health issues started in 1999 from a cell phone, since then it has gog worst including WIFI routers, smart meters so Yes I to am sick from EMF like smart meters, WIFI, cell phones. All of you also need to remove the WIFI router from the home if you hv them, kthey are Evil for our health. What I hv found out is others including many family, friends and for sure the Government, power & gas companies give a rats ass about us and our health. My own grown childen hv turned against me saying well dad it dont affect us, yea as their father I hope they never do but as a person suffering from what I am, I hope everyone who is a doubter & hater gets it so they hv this same evil feeling of poor health. We did get the gas meter removed & working on the electric. I have found nutrition has healped me, Alive whole food energizer, miracle reeds, spirulina, chlorella, saunas & drinking steam distilled water. I hope for a healthy resolve fof us all but am sure we will have to fight. I told the gas & electric co I will destroy their meters if not removed it took 2 days to make it happen. Bug we must be willing to do whatever to save our health after all if is our health we are talking about, the value of our life is all that matters and the issues with these items need to be brought into the light. Be blessed Charley

Tashy41 says:

July 31, 2012 at 9:41 pm

The best solution I have found to counter the side effects from a smart meter is to take the liver of a toad, bind it tight about my throat and stand naked by the full moon in a barrel of eels' eyes.

Doing this monthly ensures you will be committed indefinitely – thus solving your problems as you will be away from the demonic smart meter.

Stuart says:

August 7, 2012 at 6:21 pm

I had a meter installed yesterday. This morning I woke with really bad ringing in my ears. I've NEVER had ringing before. I was wondering if anyone else had experienced any ill effects after the meters were installed, so I checked online today – and found this website. I'm really not happy that we are being forced to have these meters installed. It's bad enough that we get slow cooked by mobile phone and internet signals – now I have a smart meter 1 foot off my bed head.

Carol says:

August 8, 2012 at 2:10 pm

Wow! Since our meter was installed I have had headaches and pain in the back of my neck. very tired and I have the hardest time while sitting at my computer which is a large part of my at home business. My computer is directly over the meter! muscle aches and ear aches. So what can we do????

admin says:

August 8, 2012 at 3:30 pm

see:http://emfsafetynetwork.org/?page_id=649 for actions you can take

Chuck says:

August 17, 2012 at 7:49 am

I am having ringing in my ears, dizzy spells, night sweating, can't sleep at night, cant think, stiff neck, stomached upset and feeling like I am a going to throw up, I want to sleep all day to feel better, bad mood all the time, forgetting things and I thought it was me. this started when they put a earth meter in 1985 on my house and got worse when they installed a smart meter may 12 2010, they refused to remove the earth meter in 1985 and have suffered from then until now and it continues, they finally removed the meter on aug 5 2012 and I felt a little better, but the feelings wont go away, I hear and feel it outside and still in my house, I have seen doctors for the symptoms and they give me drugs which don't help, I am very sensitive to wireless and never had a cell phone or anything wireless at my house, I do not use a microwave oven. I hear and feel it when I enter other places that have wireless, if I leave my house and go to the beach after an

hour or so I start to feel better, but when I return to my house I start to feel sick again. I can hear and feel my neighbor's houses also.

They are charging me to remove and a monthly fee on something that is causing health problems, not because I just want it removed for no reason, I feel like this is wrong and don't feel I should pay for extra for this.

Sondra Creed says:

August 26, 2012 at 9:32 pm

A man appeared at my door and told me he was going to shut my electricity off for a minute and turn it back on, little did I know he was installing a Smart Meter. I have had major ringing in my ears, stabbing pains on the left side of my head and insomnia. I am ready to crawl out of my skin. I called SCE and was added to the Opt Out program. I feel we need to start a class action to stop the installation and extortion of funds to keep our health safe from these Smart Meters. I do not feel good nor can I relax at home. I work in a busy Emergency Room and feel it is safer for me to be there than at home now. Our dogs are getting sick since we moved here one has lumps all over his skin the other one in his throat. They were perfectly healthy when we moved in. I feel totally violated with SCE being able to walk onto my property and install a device that has not been researched to benefit their needs and not the needs of the consumers who have to pay for them. Last night I was so frustrated I wrapped heavy duty aluminum foil around my head and slept that way. Today I double wrapped the entire cabinet with foil and covered the meter hoping that will stop the ringing in my ears. I've called and I've written to get this thing removed. We need to start fighting for our rights and our health. I'm healthy, what right do they have robbing me of my good life??? I want it removed immediately.

bryan nolen says:

August 28, 2012 at 3:40 pm

If PGE wants to charge a customer to OP OUT because a serviceman needs to come to your house to read the meter, then they should also DISCOUNT the customer that same amount who is willing to have the meter installed because a serviceman DOES NOT have to come to your house.

If PGE claims that these WIRELESS RADIO FREQUENCY METERS are safe to your health, then they should also agree to pay any customer's HEALTH expense and legal fees if they incur a HEALTH problem.

Chuck says:

September 6, 2012 at 6:20 am

Well I am feeling a little better but still hear it and feel it – also strange but my floor is vibrating now also! Its been almost a month with a spinning old meter, after filing a complaint with the PUC, edison Corp called and had a RF Engineer call me (if you want to call them and get a reading there SCE california number is 800 200 4732 this is a free service they offer all SCE customers – I said I would think about it and haven't called yet,) and they are willing to do a RF EMF Survey on and around my house, my meter is also wrong, I use killawatt meters on everything in my home then add them up and the new meter is almost 100 KWH to much after 30 days, I am filing another complaint with the PUC when I get my bill! you must go to the PUC web site and file a complaint with what everyone is saying here and then you will get the ball rolling, DO NOT give up – keep filing complaints until this is resolved! I will never roll over and kick my feet in the air and play dead!

Keith Gubitza says:

September 10, 2012 at 2:42 am

They put the meter in on Wednesday and neither of us have been able to sleep since. This thing is driving us out of our home.

Julie Peterman says:

September 16, 2012 at 10:52 pm

I need help please. I live in Ohio and they just installed a smart meter. I told them I didn't want one, but they did it any ways. I am the only person that has one. We in the country and I feel like they did this on purpose because my old meter was broken, when we moved in this house. How can I get this Smart Meter removed?

George Shaver says:

September 22, 2012 at 12:41 pm

I understand from SDG&E, my electric company, that smart meters was installed in my home in April 2011 or about a year and a half ago. I was not notified about the smart meter installation and was not able to avoid it's consequences. I can see now that the 12 smart meters installed on the wall of my bedroom has

been the cause of the health disaster that has befallen me. Prior to the SDG&E installation, I was a post polio survivor and I used a cane for improved mobility. Now, a year and a half later, I'm confined to an electric wheelchair that I need 24/7 hours everyday. The only exception is when I am sleeping and when using the toilet. This disaster has befallen me because of the 12 Smart Meters that were installed on the outside wall of my bedroom.

My history of this issue began 6 years ago when I became sick from my cell phone. Because I was able to choose not to use a cell phone, I was able to avoid disastrous health consequences from exposure to RF Radiation. Unfortunately, I was not able to avoid these same microwaves that are radiating from 12 smart meters installed to the back side of the wall in my bedroom.

Can i persuade you to help me with my law suit?

George Shaver

949-215-2368

admin says:

September 22, 2012 at 6:33 pm

George, I have responded to your post in an email. S

Paul says:

October 1, 2012 at 3:34 pm

hi my name is Paul. i think i am effected. i am in victoria. please if this the case can someone give the contact details of the doctors that can me as everyone is ignoring.g me. 0433674602.

Paul says:

October 1, 2012 at 3:39 pm

adding to my last post. burning skin tinnitus. i can feel my ears vibrating and muscle spasms. I've been trying work out what is wrong with my since October 2011 and then found out my smart went in on the 8th of September 2011 just about to quit my job and lose my family. please help.

admin says:

October 1, 2012 at 5:38 pm

Are you in Canada or Australia?

Jacob and Lydia de Raadt says:

October 11, 2012 at 10:31 am

We live in a two-level townhouse that we own in Langley BC within a 24 unit complex, and our situation is slightly different. In October 2011, we asked BC Hydro to be exempted from a smartmeter, and the strata council was aware of this. We never received any response from both of them at that time. In January 2012, while boondocking in Arizona, the then strata council president let BC Hydro enter the site and install smartmeters in two locations: thirteen in an electrical room next to our unit, and eleven somewhere else. There are in total 25 meters because one is for the common area streetlighting and the electric gate. But in the middle of these 13 smartmeters they did not touch our analog meter, as a "lone ranger". We returned home at the beginning of March and have been in poor health ever since, with insomnia, muscle pains and heart palpitations, which we never had before, so that we need to avoid our upstairs living room and our downstairs hallway on that side of the townhouse. We cannot really complain to BC Hydro – because they could counter that they allowed us (for now) to keep our analog meter. But we receive all the negative effects from the 13, within 2 metres of our private property! Our family physician just blurted out: "Well, then you have to move!" Where to? We are around 70 years old and have three married children and nine grandchildren close by.

Tammy says:

October 21, 2012 at 3:25 pm

I refused to let SCE's contractors come in to install the smart meter, but when I started feeling tired and irritable, and having ringing in my ears a lot more often and my hair started thinning tremendously I wondered why, thinking it must just be hormones. I went outside my house and sure enough, SCE's contractor had broken into my gate and trespassed to install it. I had been feeling this way since about mid August, but didn't notice it was in until a few weeks ago. After reading up on it, I'm thinking that all these recent changes in health has a lot to do with this stupid smart meter HOW do I get rid of the darn thing? I also have 4 kids, I don't want them exposed to the unnecessary transmissions several times a minute. Is there anything I can do?

admin says:

October 21, 2012 at 4:21 pm

Call SCE to remove it.

Tim says:

November 1, 2012 at 8:41 pm

I travel a lot and have another residence (owned, where we are still fighting not to have smart meters installed). However, at our rented apartment in town (one of 13 in the low rise, older building) my work desk is located within 8 feet of the smart meters for the whole building, which were installed almost right below, earlier this summer. This is a brick building with wood interiors—with little or no insulation between floors and no metal screens, for sure. We were away for most of the summer (including when they were installed) and I was traveling out of town for much of September and part of October. However in the past few weeks I have spent much of my time at my desk and also sleeping within 20 feet of the smart meters. I have a history of good health. Recently, though, I have begun to have unbearable ringing in my ears and am frequently nauseous. I never had problems sleeping before but now wake after just a few hours. Working and concentration have become a real challenge ... I have lost my appetite and now have no interest in cooking, once a passion. We are long time residents of this building, with great neighbours, and have no desire to leave. I am planning to move my work space asap. As I'm travelling again soon it will be interesting to see how much or if the various symptoms subside ... I don't know what action we can take short of moving, although we may start by requesting the landlord to have the room screened in some way, which it is not right now.

Deborah Rackliff says:

November 10, 2012 at 9:03 pm

Just realized what's going on and not happy with it at all. I agree we want them off our house and out of our neighborhood. Nov 10 2012

Valerie Fearing says:

November 14, 2012 at 11:38 am

I have been severely suffering the same effects as many of you for 10 months.

I do not know how I am going to be able to work.

We did put foil around the meter and on the inside wall the meter is against and it did help quite a bit, but not completely. We also grounded the emissions to the ground after putting up the foil. Although it is not a solution as removing it is, you all might want to put foil up.

Valerie Fearing says:

November 14, 2012 at 11:39 am

I also had to move out of my bedroom and am now sleeping in the living room to be as far away from the smart meter as possible! Terrible just terrible!!!

GaryJohnson4Prez says:

November 20, 2012 at 1:05 pm

Thank You CPS Energy for stopping the electrocution ! . Since the REMOVAL of your SMART METER, my family's health immediately improved .Thank you so much, CPS energy, for removing my smart meter within days of making a claim with you. It only took me nine months of complaining of all of my families health problems, to get my smart meter removed. It took for my hospital stay from having a seizure , from your smart meter to GET IT REMOVED!! Finally,no electrifying pulses are running through my vains, and my children can sleep now too.

Bill Nolan says:

December 30, 2012 at 8:44 pm

I live in the state of Victoria in Australia. The Victorian State Government has tried to force smart meters into every household BY STEALTH and DECEPTION. I have refused installation and have locked up my meter box. When the installers came and left my place they then went up and down my street and managed to talk their way into installing smart meters in all the other houses including my next door neighbor's house. Two weeks after these installations I started waking up with the presence of a mild headache in my forehead. This was over 4 months ago in August of 2012 and this headache has remained with me ever since. It just doesn't go away. Sometimes it intensifies and becomes debilitating and sometimes it eases but it's presence is always there. I am now very easily irritated by trivial annoyances and tend to react in a hostile fashion. This forceful imposition of smart meters using this dangerous technology is sheer criminality. I previously had no history of head pain whatsoever and now every single time I wake out of sleep the first thing that I am aware of is the presence of pressure and pain in my forehead. Thinking of the problem just in terms of transmission signal strength could be a deception. I think the problem involves many other factors than just the strength of the wireless communication signal. I think there is something particularly sinister in the physics of the smart meter transmissions, almost like a secret language that has a

way of speaking to the brain. It would have to do with transmission frequencies, wave forms, harmonics etc etc and also the pulsing nature of the exposure with smart meters giving off short sharp but frequent bursts of wireless communications. I am not sure where any immediate relief is going to come from. People here are writing to the Victorian State Government expressing that they are having these health problems and pleading that the rollout of smart meters be stopped and the govt is sweeping all these people under the carpet. They just ridiculously hide behind and keep spilling out the same line that "the meters are safe they are within Australian Standards". The only thing this means is that if you are exposed to a smart meter for 6 minutes, you won't be cooked. It's totally irrelevant and it's an insult to people's intelligence. The people of the state of Victoria have been sold down the river by these criminals that happen to run their State Government.

admin says:

January 8, 2013 at 2:05 pm

Click on the link to go to the Report: <http://www.bioinitiative.org>

Barbara says:

January 25, 2013 at 11:58 am

Shortly after a Smart Meter was installed on our home, my mother and I began having problems. The meter was on mom's bedroom wall so she started feeling ill right away. For FOUR MONTHS I took her to her doctor AT LEAST every other week. Mom became extremely lethargic. She suffered major muscle pain, dizziness, confusion and headaches. She was rarely able to get out of bed. Her doctor order blood work nearly every time we saw her. She had xrays and a CAT scan done. They could find nothing and insinuated she was 'just old'. Before the Smart Meter my mother was a vibrant, active, 85 year old woman. I suffered headaches, sleepless ness, irritability and depression. Out of desperation I started searching the internet and thank goodness I found an article about the Smart Meter. Not really knowing if it WAS the meter but at my wits end, I called to have it removed. It took several phone calls, I had to pay \$75 and an additional monthly fee. When I ask about that I was told they must now employ someone to read the meter. OH MY GOSH!! They are going to have to give someone a job!! The man who came to replace it made derogatory remarks to me as well but, as soon as it was gone, mom and I started to feel beter. With in a week or so she was ALMOST her old self. I do believe she suffered permanent damage as she is NOT as vivacious as she was pre Smart Meter. This is WRONG. It is known that these meters cause damage. And to pay EXTRA to protect our health?? What is going on in this world.

Jennifer Turner says:

February 5, 2013 at 7:16 pm

For me, I think the "wake up call" has been loosing 2 pets to cancer & having one operated on for cancer in less than a year.

It was approximately 4 years ago when the meters were installed. Since then, there has been an issue with cancer (pets above) & my daughter & I have continued to suffer with numerous health issues.

I had heard that the meters cause problems, but didn't really start thinking about it until I lost my cat 2 weeks ago. It seemed more than odd that I'd have 3 pets with cancer in less than a year.

We have sleeping issues, severe headaches, eye & ear pressure, sinus issues, bloody noses, leg cramps, body aches which include skeletal aches, dizziness/vertigo, concentration issues, chest pains & pressure, etc. It makes me wonder what all my pets must be feeling like.

I want the meters banned & we definately shouldn't have to pay a fee to have an analog meter installed & a monthly fee to have it read. Why should we have to pay a fee to a utility company in order to maintain our health?

steph says:

February 14, 2013 at 2:58 pm

I just asked Burbank DWP to remove our smart meter with no reply yet 2/11/13. After numerous trips to the doctor, my daughter has been plagued with daily headaches, her scalp feels like its been burned, chronic fatigue, chronic coughing, metallic taste in her mouth, loss of appetite and weight, muscle cramping, insomnia and over all low immune system. My 27 year old daughter feels like she's dying and all the doctors can say is, "you just need to exercise more" I feel terrible as I didn't want to pay the extortion fees to keep my analog meter. The meter is against her wall where she sleeps. Of course, Water and Power doesn't tell you to use protection against these evil meters. I had no idea what the health risks were until now. We need the meter off A.S.A.P. Help!

admin says:

February 15, 2013 at 2:34 pm

Contact Kiku Lani (Co-founder of Burbank Action): KIwata@emfsafetynetwork.org

Terry and Rhonda says:

March 16, 2013 at 7:21 pm

We own cabins in the Smoky Mountains and notice the difference in our sleep, when we are at our cabin vs. our home. Our home has a s.meter.

JTD says:

March 19, 2013 at 9:01 pm

Shortly after our old analog meter was replaced with this "smart" bastard, my mother began acting...erratically. Forgetful, sick, even delusional at times. She was diagnosed shortly thereafter with dementia, possibly Alzheimer's. I've felt light on my feet at times and dizzy. I checked the house for a defective furnace exhaust, gas leaks, etc. Found nothing. Everything points to this bastard new meter. For what it's worth, our house is 100% Wired as in we use landlines, wired dial-up Internet, no routers, Nothing.

I want this thing removed!

Terry Maness says:

March 20, 2013 at 2:07 pm

I have complained for three years about ringing in my ears. I over all had good health. No complaints except the normal colds. Well last year I had an CT, MRI done due to severe head issues "clogged as tho so full it's going to pop". I had fought our electric company over their NOT installing this smart meter, threats of this 75.00 fee and paying 10.00 extra a month for NOT having it. We do NOT have this meter on our property but well well well, our electric bill decided to triple since fighting them and our winning. But not my health. I find that neighbors have it and basically all over they have these things. So what now?????

Terry Maness says:

March 20, 2013 at 2:12 pm

Oh and yes the MRI shows I have spots on my brain. Never had any problems what so ever. To this day my ears are heck to live with, the head is constantly full and I am off balance at times. Just pray for help and others like myself.

Mia Nony says:

March 31, 2013 at 2:38 pm

Those who forget history are doomed to repeat it.

At least those targeted by the Nazis for understood the policy to get rid of them – The only fatal error was that they thought that the term deportation meant relocation rather than elimination.

But people who grew up in North America without overt fascism staring them in the face, without a culling policy openly on the books, without 42,500 death camps located everywhere in Europe, these people have no survival instincts and no ability to wrap their minds around just how far the eugenics gan is prepared to take this.

People who have known freedom assume that its price is NOT eternal vigilance. Few seem to recognize what is unfolding here, even when the jackboot is already at their .doorsteps and in their faces.

And that means that they will be far more successful this time, since your own home is now your own personal "relocation" destination, cheaper by the billions.

Richard Cooper says:

April 6, 2013 at 10:03 am

Since the smart meter was installed I have experienced heart palpitations, severe leg pains, headaches, UTI's, irritability and other symptoms associated with the meter. My wife has experienced severe anxiety, irritability, painful leg cramping that lasts for hours. Even my dog is experiencing anxiety and irritability and at certain times the dogs in the neighborhood seem to go collectively insane.

Can anyone tell me if their is a law firm engaged in a group lawsuit regarding these meters? This may be the only way to combat them since we are all aware that the PCU really has no interest in requiring their removal.

Richard Cooper says:

April 6, 2013 at 10:20 am

Would anyone who's pets are also having behavioral, loss of hair, strokes or other problems contact me by e-mail and describe what has occurred and the symptoms? Contact me at... Madoce1@Yahoo.com

Thank You

Mark Hanson says:

April 16, 2013 at 11:18 pm

Since moving into my new home, which has a smart meter, I have developed serious health problems. I built my house and was able to work 14 hours per day, 80 to 90 hours per week, with no problems. After moving in, I began to have serious burning and trembling of my feet and legs. Pain in both arms, numbness in both hands, more headaches and backaches than before, and nose bleeds. They have made my life miserable. I cannot walk any distance or ride a bike any distance without extreme pain, burning and trembling of my limbs.

I have had tests and my neurologist has no answers, and wants to send me to Stanford Medical Center for neuro-muscular tests. I am wondering if anyone has had similar problems, and if they went away when/if their smart meters were removed. PG & E has assured me that they have run numerous tests and found no link to health problems, and no radio waves emitted that are stronger than cell phones or computers.

But then they also said they found no link to cancer and birth defects, and Chromium 6 at Hinkley California either, until it was proven. We know that PG & E lies to the public. So, again, has anyone found health problems to go away when/if smart meters were removed? If so, please contact me, as my life has become a bit of a living hell. Thanks.

admin says:

April 17, 2013 at 10:43 am

Get rid of the smart meters asap and accept only the true analog, not a digital analog meter, not a radio off/out smart meter.

YES absolutely people have restored their health by reducing their smart meter exposure. You may also have to look for other possible RF exposures in your home and neighborhood and eliminate what you can. Wi-fi routers, cordless DECT phones, use cell phones for emergencies..If there's a cell tower within 1500 feet it could be contributing also, as well as smart grid collectors and repeaters. Usually eliminating what's closest can make a big difference. Keep in touch.

BTW, PG&E lies!

Madoce1@Yahoo.com says:

April 21, 2013 at 2:01 pm

When a patient has an MRI exam the machine uses RF waves to spin the hydrogen atoms in the human body. These atoms give off a signal which is translated by the computer into an image of that portion of the body. Patients and technologists have reported adverse side effects of MRI systems. Patients have stated that they feel weak and disorientated after the exam. Technologists (including myself) have experienced hair falling out, short-term memory loss, disorientation, weakness and pain in parts of the body. I worked on MRI systems for 3 years and experienced all of the above. On a couple of occasions after finishing for the day and preparing to go home I have had difficulty locating my own car just 50 feet away from the machine. Finally realizing it was my car I got behind the wheel and then paused...trying to remember where it was I wanted to go. I finally switched from MRI back to CT scanning and within a month all symptoms abated and I was back to normal. Radio frequency (RF) waves do have a powerful effect on the body and mind.

After my smart meter was install I once again had similar problems and others as well. Last week I ihad to smart meter removed and an analog meter installed. his week my sypmtoms are far less sever and I look forward to complete recovery.

Betty Dougia says:

May 2, 2013 at 8:07 pm

you are getting sick from the electromagnetic field that the meters, and other devices omit. cops use what is call an electromagnetic impulse gun to do to the human body the same thing the smart meters do. get a gauss meter it will help you find the frequency and protect yourself from it. The American government is testing direct energy weapons on the citizen of this county to see what health effect it causes. google electromagnetic field you will learn a lot. I now have the sickness called environmental hyper sensitivity, caused from living in this field. the cops will target you and use their emp guns on you to make you sick if they do not like you or if you are fighting them in court. **THE FCC SAID DO NOT CALL US WE DO NOT CARE IF YOU GET SICK AND DIE.**

Betty Dougia says:

May 2, 2013 at 8:11 pm

Do not allow any doctor to put your body in a MRI machine, it makes things twice as bad.

Betty Dougia says:

May 3, 2013 at 5:39 am

emit*

Tekola Nisla says:

May 6, 2013 at 10:32 am

Wired systems emit RF radiation unless properly shielded against this. Simply living near a power transfer station or wires will expose you to relatively strong EMF field. Also, utility companies transfer data over the power lines, between transfer stations and the regional grid control. This is called PLC or Power Line Communications. This is undoubtedly what PG&E is using to transfer data between utility AND the meters, especially in rural areas.

If any of them are interfering with appliances they are in violation of FCC rules and as such you can have the setup checked, fixed or removed as a communications interference.

As for the mesh-network. It's far more benign than any other digital transfer protocol, it's simple, it transmits in set bursts, just like a cellphone or WiFi but using far less complex modulation. It is called ZigBee, a common automation and hobby protocol found from your fridge to RC toys to domestic automation. Peak signal power is usually around 100mW. It's not intended for long ranges or high power transmissions. The transmitters switch on and off to communicate when to hibernate and save power. While on they transmit "continuously" just like any other radiodevice. Also this text has a fundamental misunderstanding between a pulse, a signal and frequency. The writer seems to confuse signal encoding, which all telecommunication devices do, from your modem to my 150W radioamateur station, with communication bursts. The transmitter isn't going off for 2 milliseconds, it's just encoding data at that rate, continuously transmitting for however long it needs to communicate with other meters, your fridge, airconditioning, etc. that you might've connected to the smartgrid.

The data is encoded with either binary or quadratic phase shift keying, that is, the signal sine-wave carrier signal transmitting at 900Mhz / 2.4Ghz (the standard uses both) (900 times a second vs. 2400 times a second). With binary phase-shift keying the modulator shifts the phase of the sine-wave by 180 degrees to signify either a 0 or a 1. and QPSK has four phase-shifts 00, 01, 11, 10, having twice the data bandwidth.

All I see is unsubstantiated anecdotal evidence without sources, doctors reports or even an official diagnosis. Talk of PG&E – or it's subcontractors trespassing but nobody sticking to their rights and calling the comps and raising a case and incredible delusional paranoia over wireless systems.

Your paranoia is and unfounded fear mongering has lead to hypochondria and others to develop it as well. And if you indeed are a verifiable case of RF sensitivity, please post source material. As of now there is no official diagnostic criterion for such a condition in either DSM-IV or ICD-10.

Tekola Nisla says:

May 6, 2013 at 10:44 am

"Mia Nony" also writes incorrect claims. A human body emits several different EM Frequencies. One of which is heat, or infrared, also we reflect light which also electromagnetic radiation. And usually we have some radioactivity as a result of natural background radiation in substances consumed and which form us. In addition, Canadians. You live on top of a uranium field. You have Radon hot spots, which are a very real and far more dangerous health risk than radio/microwave radiation which isn't ionizing.

Also, consider this, your brain emits enough EMF that you can actually perform a low-resolution cat-scan simply by attaching an antenna-array over your head and feeding the signal into a computer. That's your brains electrical impulses impinging upon an external sensor array being read using a simple receiver.

"Absolutely no EMF". With out EMF there would be no humans, there's a huge ball of fusion blasting this planet with energy with the whole EMF spectrum and it's the very reason there is any life at all. Man made signals are a camel fart in the desert compared to sun-storms.

Nancy Chevreux says:

May 7, 2013 at 8:37 pm

I noticed a smart meter was installed at my house I own in Oroville, CA. It is strange because I have a locked gate. Someone must have jumped the fence to install this thing. I was not advised in advance or even asked if I agreed to it being installed. These power companies seem to be above the law. I know that if you are a tenant, a landlord must give 24 hours notice to enter your property. I am just confused... and now I am reading about all these side effects from the smart meter. My main concern is the entering of personal property without prior consent and not given a choice to opt out.

Nancy

A says:

May 8, 2013 at 12:56 am

Tekola Nisla, if 100s (most likely 1,000s or more) of people around the world are feeling and have felt

(sometimes/often extremely) sick because of wifi smart meters, I think that's a huge problem(!) There should be wifi/wifi-smart-meter-free zones in every country so that people who are sensitive to wifi smart meters and other wifi can have a place to live and exist without wifi of any kind, the way life used to be back in the 20th century/1900s. Smart meter (and wifi) activists like Dafna Tachover, Liz Barris, Dr. Magda Havas, Dr. Barrie Trower, Dr. Henry Lai and numerous other people have said that wifi smart meters and wifi can seriously physically harm people and other organisms. This is real and has been going on for years. Wifi smart meters and wifi are nothing "like the sun" because wifi and wifi smart meters have only been around since the 2000s and 2010s I believe. "Modern," "current" and "trendy" does NOT necessarily mean "good" (and sometimes/often it's not). I pray that wifi/wifi smart meter sufferers are given a place to live without wifi (like there is apparently in Green Bank, West Virginia I've heard).

MLC says:

May 16, 2013 at 8:18 am

My name is Marguerite LaChance and I would like to tell everyone about the health problems I had after the so-called smart meter was installed on my house.

In May of 2011 the meter was placed on my house without my authorization and with no notice or warning of all the health hazards. Around that same time, I remember that I started feeling tired all the time, getting very dizzy, I started passing out and was having chest pains. I started getting very weak and needed a cane to walk around so I would not fall; but I fell, many times.

My Doctor started treating me for vertigo, with no results.

In March 2012 I passed out again and fell to the ground, because I was so weak and dizzy; the paramedics brought me to the hospital. I was in the ER for a day then transferred to the intensive care for a day, and then I was another day in patient care. They did all kinds of test and blood work but found nothing wrong, except that my heart rate was low; but attributed that to lack of oxygen. So they sent me home with oxygen bottles, which I had to use day and night, but it didn't help.

The chest pains were getting worse, no one knew why. I was in and out of the doctors' office as well as the hospital, having test after test and endless blood work. They could not find anything wrong; at this point the pain was going up to my neck and making my left arm numb.

Then my Dr. did some very intrusive test, and found no answers about what was wrong with me and finally suggested I go to see my cardiologist. They ran more tests and did more blood work but all they could tell me was, my heart did not cause the pain.

I felt like I was dying, but no one had any idea why. I had no life in me, dizzy, headaches, chest pains, weak, couldn't breath, and I needed oxygen all day long. Every living moment of my life was agony, I really though it was over for me, and there was no help.

At this point my son Robert started doing research on the Internet and discovered that other people were having the same health problems. Robert printed many articles for me to read that were written by professionals and Doctors all around the world. These articles are telling people about the problems other people are having from the smart meters.

My son called CMP and asked them to remove the meter and they did so with in two hours, after he told them I had a pacemaker. CMP told us it would cost us \$40 to put back the old meter, even though they took it for free in the first place. They also said, "we would have to pay an extra twelve dollars a month for that."

I understand approximately half the state is not on smart meters and they are not paying an extra twelve dollars a month; for the old fashion, safe meters.

I am so very happy to say 3 days after that meter was gone, I stopped having chest pains, and within a week I didn't need the oxygen all the time. My energy started coming back to me and I was walking without the cane. After about a month, I started sleeping nights, no more headaches, no more chest pains, and no more dizziness or passing out falling to the ground. My life is pleasurable again, and I truly enjoy living, Thank the Lord.

I called CMP several times and spoke with at least six different people about all of the issues I experienced. Not one person at CMP seemed to care or even believe me. They are still making me pay extra to live free of the awful effects of their terrible new meter. But I would rather pay them their wrongful fees and live then save twelve dollars a month and die.

Christine Justice says:

May 18, 2013 at 6:34 am

I have been sensitive to mobile phones and wifi for a few years and did get a lot of headaches. But only hours after the new smart meters were installed I experienced severe temple pain in my right side and severe ear pain and teeth pain. I have been searching trying to find some kind of protection for me and my

children. Does anyone have any suggestions?

Veronica says:

May 21, 2013 at 11:35 am

I just wanted to say to all those people who continually state that the smart meters/ARM's don't cause problems, you are lucky if it is not causing problems for you. Not everyone gets cancer, not everyone has heart attacks, not everyone develops kidney disease and not everyone gets electromagnetic sensitivity! Some do, some don't. It would be insane to say, "I didn't have a heart attack from eating poorly, so you couldn't have had a heart attack from eating poorly". There are diseases that affect only a small section of the population—but those people suffer nonetheless. Some in the medical community don't understand the medical problem because it is not taught in school yet. Not having a diagnosis name or the mechanism for the disease does not magically make the constellation of symptoms and the cause vanish. Diseases generally start without a name. There are plenty of Environmental Doctors who are aware of this illness. The people who are suffering from it do not have 3.5 billion dollars at their disposal to show the problem and cause. The industry has unlimited funds to cloud the issue, marginalize the sufferers, and influence legislation. I was told that this was a pilot program in my state of Indiana with opt out options by a representative. However, I have received no other calls or assistance though I have phoned and emailed everyone who is suppose to be representing me. I haven't received any assistance yet from the utilities or the government. Like everyone else, I am shocked by the way this is being handled and shocked by the customers inability to have any say in having a device that is causing so many health concerns and misery. I, myself have spent several thousand dollars on medical tests that simply cannot show that I am affected by the pulse that is emitted every 28-30 seconds from the THREE meters my home . I can only pray to God that we can all join together and hopefully have some leverage against these deadly meters.

Mia Nony says:

June 2, 2013 at 12:18 pm

I am at a loss as to why people are not doing something to help themselves. Do they feel they must suffer? ARE they too weak to act to save themselves? Are they not aware that there is only one direction this is going, toward death?

I have a neighbor who did not want a smart meter but who also did not want any conflict with the utility. That neighbour caved in to pressure – and now suffers ALL the classic symptoms of radiation poisoning. Radiation poisoning is not recognized by radiation illiterate doctors. That neighbor's beloved pets are constantly on edge ever since the smart meter was installed, completely altered and anxious.

Instead of prevention or remediation of radiation exposure, that neighbor is only a few months later now scheduled for a craniotomy to relieve skull pressure, blinding headaches, extreme spine pain.

The smart grid is no different than the perfect murder weapon, as no one, doctor or patient, seems able to make the link between radiation 24/7 and the myriad of symptoms of extreme suffering.

The exception is those who remove themselves from exposure and notice that the symptoms abate.

What I don't understand is this:

In every sense the smart grid is not one bit different than nuclear fall out. The cellular damage is identical, just slower to cause irreversible damage.

If a bomb had gone off, I am beginning to wonder just how many people would shield their homes and hard shield their home wiring, – even then.

I have nothing but anger for the illegal torture and nothing but empathy for the growing suffering but still unless one is a masochist, would most people, if still able, if doable, not want to STOP it by any means possible?

Unless chlorella and spirulina are taken after cutting out all sugar, as was done after Hiroshima for the survivors, the damage will accelerate.

Unless bentonite clay is taken to bind up the radiation poison in the body, disability will grow.

Unless radiation shielding is put in place until these criminals go to jail for genocide, people will go into sharp decline in ever greater numbers.

Unless people are prepared to use whatever they can afford to use, most importantly house wiring shielding, carbon paint, carbon sheets over meters after utility hours, radiation deflection window screening, double walled foil insulation, metal insect screening correctly applied, etc. (from lessemf.com or somewhere more affordable)unless shielding is used to protect oneself from one's own smart radiation emitting device and from the guaranteed irreversible damage caused by it and by all the other meters around one's home, (meaning get neighbors on side and all do shielding, which must be done correctly after ALL wireless is removed from the home), OTHERWISE, this slow motion depopulation will not

stop, not until most of the nation is disabled, diseased and dying.

Mia Nony says:

June 4, 2013 at 3:59 pm

The following protocol can noticeably ease radiation overload suffering. This is only for the meantime until shielding and removal can occur. However this is not a permanent solution to radiation poisoning, until the source is eliminated.

One of the natural antidotes to electromagnetic poisoning is correctly designed physics aware magnetics, (not the new age pendant type stuff)

These are military grade frequencies and they require a military blocker. Track down an RF choke or electromagnetic filter – the kind they talk about on eiwellspring.com

Depending on the type install the microwave filter or rf choke either at the electrical mast or at the electrical panel. The design must match microwaves to filter out smart frequencies. (poor pity everything biological in nature, with no way to find any shield from this microwave blanket)

When researching this, be sure to locate and use military grade filtering.

Dr. Brian Clement, Hippocrates Institute has a protocol for treating EHS.

Incidentally this approach to radiation overload reduction often reverses cancer as well.

- Detox first, using gentle bentonite clay or french green clay.

- Stop intake of ALL sugar and ALL foods which rapidly convert to sugar in the body. Sugar acidifies the body and further predisposes it to microwave induced disease. One tsp of sugar depresses the immune system for 56 hours even without frequencies already doing so.

- Do not take any artificial sweeteners (poisonous) or any sugar substitutes, other than stevia and stevia only in very small amounts

- Eliminate all “white” foods, minimize fried food, shellfish, “hot to the tongue” foods from the diet. This includes dairy. Unsalted butter is fine. Greens are healing. rawfamily.com

- Get rid of excess fat

- Nori type seaweed is anti radiative and is protective of the thyroid

- Remove wheat from the diet due to mould

Eat Sea Vegetables

-Spirulina, warning only a minimal amount to begin with, 1/4 tsp. Do not take more than the maximum daily dose of 1 tsp. Only work up to this level slowly as excess will adversely effect bowels.

OR

- Chlorella – slowly increase up to 30 tabs and then slowly to as high as 120 to 180 tabs in severe cases

- Infrared sauna – 30 to 60 minutes daily – (Sit 4” away from infrared source or radiation)

- Drink PURE water –(not reverse osmosis filtered water as the latter is drained of all essential minerals) Drink ½ ounce of clean water per pound of body weight (e.g. 160 pounds = 80 oz equals 10 cups of water per day)

- B vitamins – high quality brands only, such as New Chapter, or Vitamin Code or AOR

- Ionic minerals – Manganese, Magnesium, Phosphorus, Calcium

- Dulse seaweed – buy low salt variety or rinse out the salt

- Take very warm salt baths (use Dead Sea or common salt) for 20 to 30 minutes, best done before bed time. Add ¼ cup of powdered Ginger (least expensive if purchased in Indian markets)

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Electrosensitivity symptoms can be eliminated in 60% of people and significantly reduced in the rest – Dr Brian Clement

by Andre Fauteux – la Maison Saine –

March 20, 2012:

- <http://maisonsaine.ca/electrosensitivity-symptoms-can-be-eliminated-in-60-of-people-and-significantly-reduced-in-the-rest-dr-brian-clement/>

A says:

June 19, 2013 at 12:29 am

I wonder about how autism (now “1 in 50” children has autism I believe, as of March 2013), cancers (I personally know of several/many people who have died of/had brain cancer, and one person I know died of eye cancer), disabilities and other physical/health problems are connected to wifi and wifi smart meters. I believe they are/can be connected, though most people seem to be “fine” with wifi smart meters/wifi, but at least some people are not. Human (and animal) health is about food, water, environment and genetics. Of

course wifi smart meters and wifi aren't the only things hurting human and animal health. It's also unhealthy food, water, the environment other than wifi, genetics, etc. It's so shocking that this is happening and not being stopped thus far. Mia gave some advice to try and help those suffering. That's good, but ultimately, we need these wifi smart meters, wifi smart appliances and wifi to be outlawed. This is all 21st century stuff, like "Agenda 21" (21st century). Wifi/"wireless" itself has only been around for several years I think(?). I hope we see some national/global action taken against wifi smart meters, wifi smart collector meters, wifi smart appliances and other wifi.

heartbone says:

June 19, 2013 at 4:12 pm

This attack on the people simply is part of the New World Order depopulation protocol.

- Wi-Fi/cellular telephony/"Smart Meters"
- hidden artificial sugars
- unlabeled GMOs
- water fluoridation
- sterilizing vaccines
- chemtrailing
- prohibition of Cannabis use
- excessive pesticide residues allowed in food
- Codex Alimentarius
- prime-time TV
- Corexit/Synthia mixed into the Gulf of Mexico
- Fukushima releases

@ Mia Nony – June 4, 2013 at 3:59 pm

I too am an advocate of Bentonite clay for detox.

However it only works to remove ionizing radiation, not the stuff coming from Wi-Fi/cell phones/"Smart Meters".

jon says:

July 1, 2013 at 10:21 am

there doing this to destroy americans if its your health or your property! cell towers are part of it along with smart meters and chemtrails. any electric field that is generated in your home gives them access to spy on you. if its your vacuum cleaner or cloths dryer any electric motor that is on! sounds crazy right, ya, that's what I thought ! do you hear sounds from your walls, like pinging or the t.v. clicking when it's off, or strange noises ,I believe that's echo microwave radar working! I know all the symptom's ,the pain, fog, no energy etc! when your ears are ringing their power is on . I have to say this, it seems not many people are working but I see utility trucks digging up grass belts everywhere and installing fiber optic cable and cameras . new generators and high power transformers being installed in neighborhoods that have been around for 20-30 years why? this is war for the souls of men!

Cathleen Bowen says:

July 5, 2013 at 4:42 am

Hi,

I stumbled across these complaints whilst looking for something else. I have suffered many of these symptoms for several years. But the worst thing is that my mum who lives next door had tinnitus, pressure on her head, dizziness and heart palpitations. She passed away 3 months ago. The night she took ill she complained of her usual head pressure and of being more dizzy than usual. Because her doctor had assured us that nothing was wrong I gave her some paracetamol and put her to bed. She then started to scream – o my head it feels like its going to burst.

We called an ambulance – by the time she got to hospital she was in a coma – she had suffered a massive cerebral bleed. She died a week later never having recovered.

The Electricity metre in her house was changed a few years ago and the house next door was renovated around the same time – probably around the time she first complained of her tinnitus and pressure.

I'd really like to know if this affected mum's health but here in Ireland you get laughed at for putting forward any of these theories.

We cant all be wrong though so keep up the good work.

admin says:

July 5, 2013 at 2:21 pm

Hi Cathleen,

I am going to send you an email privately. If you don't receive it please email me. Found this flyer on smart meters from Ireland, so there's resistance starting there.

<http://www.mast-victims.org/showasset.php?id=1773>

Sandi

Mary says:

July 8, 2013 at 3:54 pm

we had the smart meter installed for 1 year, since then I have been experiencing headaches sharp pain in my head, dizziness, fatigue, loss of balance, heart palpitations I know this is from the smart meter, it is right outside my kitchen window and every time I go in my kitchen I get all the sensations, especially the dizziness and light headedness, I been feeling really sick since this has been installed. I also have trouble sleeping, and I get nausea a lot, I want this meter off my house please get a bill together so people like me can opt out of this without paying and outrageous amount

A says:

July 26, 2013 at 7:46 pm

I am so annoyed that this issue doesn't receive coverage by the "mainstream media" every single week (heck, every single day) – There are literally 100s or 1,000s (most likely many more) of people suffering from wifi smart meters in the U.S. and all around the world (and many/some have been for years), and the national media in the U.S. doesn't cover it? They've been talking about "the royal baby" and Anthony Weiner's, well, you know (Huma (his wife), you could do so much better – You deserve a husband that doesn't cheat on you ("sexting" or otherwise), just like Hilary Clinton did/does), but do they talk about the wifi smart meter health controversy as a (weekly) "top story" on national news in the U.S. and world? Not that I've seen(!) – Fibromyalgia seems fairly common these days, with body muscle pain and weakness/fatigue/hard to physically get out of bed often being main/possible symptoms, headaches, seizures (Lil Wayne, Rick Ross and Kelly Osbourne to name 3 famous examples in the past year or 2), brain bleeding/strokes (in the past year, Bruno Mars' mom died of it, Cathleen's mom (above, on Smart Meter Health complaints) died of it, a member of the band Mumford and Sons had surgery for it, country singer Randy Travis had surgery for it, etc.), autism affecting "1 in 50" children as of March 2013, cancers (including brain, eye, breast, etc.) apparently increasing, etc. – It feels like we are living in the twilight zone in many ways in late July 2013, like this is the new "normal" – Wifi smart meters (and other wifi) can, and have, physically injured and/or disabled (or worse) many people around this world – This is not OK and can no longer be ignored(!)

admin says:

July 26, 2013 at 9:21 pm

Here's some recent smart meter health impacts coverage from Oklahoma!

<http://kfor.com/2013/07/23/customers-says-oge-smart-meters-making-them-sick/>

Tom says:

August 7, 2013 at 4:17 am

I cannot believe how they are forcing these things onto our homes when they have never been proven to be safe! I live in Chicago & ComEd is stating we will NOT have a choice and they are going to be installing these "smart meters" on all homes in our area in 2015. They say the radiation is nothing compared to a cell phone or microwave. We told them we don't use cell phones & have never owned a microwave specifically because of the radiation. They don't care. They are putting them on and I am terrified for my family's health!

monica hershaft says:

August 9, 2013 at 10:45 am

I had one installed in February. They said it's not a smart meter but an RF meter (radio frequency) and my life has been hell ever since. It's been increasingly affecting my sleep and the insomnia has been getting worse and worse over time to the point where maybe I get 3 hours now. I also have been getting headaches increasing in severity and frequency. Now my period has stopped coming and I've been irritable, edgy, and spinny. I wake up feeling hungover and sick. The DWP says they won't remove it and is charging me \$30 to have someone come investigate. I was not warned about anything and also was told to get this meter because I had received a \$900 bill (I live alone) for the reason that they couldn't get to my meter to read it and that's why I needed a digital meter so my bills would be more accurate. My bills have gone up by over \$100 since they installed it. I used to live in a bigger house and had a much smaller bill prior to this.

Something needs to be done!

Earthlinghere says:

August 12, 2013 at 3:50 pm

We live a pretty environmentally aware, progressive city. We eat organic food, and have fluoride free water. And I foresee the next step of this progressiveness will be decrease use of cell phones, cell phone towers, wi-fi and absolute elimination of smart meters. We have digital meters to check frequency pulsations in our home and in cars etc... while driving in a new digital car while talking on your cell phone is not safe.

According to our field meter the waves register so high that the measurement is off the charts. I wonder if this is why it seems like every other person has cancer?

Anyhow, PGE told us they will happily remove the meters for \$ 250.00 and the cost every month for a human being to come to our home to read the meter is I believe 52.00 .

San Francisco basically has a choice if you want smart meters or the old meters The price remains the same. In Hawaii there are no cell phone zones on certain parts of the island to protect children from dangers of EMF waves, so awareness is increasing . See the way things are going anymore we would love to run off into the "Lost Horizon" and get lost in the countryside there .

admin says:

August 13, 2013 at 6:11 am

Did PG&E tell you the cost to opt out was \$250 and \$52 a month? If so, this is not true. It's 75 and !0 a month and less for low income. AND we are opposing these fees in a legal proceeding at the CPUC. Sandi A says:

September 3, 2013 at 11:47 pm

it's september 3, 2013, and has anything changed in regards to the wifi smart meters around the u.s. and world? not that I can see – I still see several of them around my neighborhood and place of work every single day – you really would think that enough people have (loudly) complained (nationally and globally) about these things to get them outlawed, but no, not yet – all we can do is hope that there will be a great "sea change" in the near future and that people will really begin to realize and finally accept that wifi smart meters (and all other wifi) are (very). bad. for. human(and animal). health! this is not "rocket science" (far from it), and a "tipping point" appears to be coming in the near future, with all this wifi radiation pretty much everywhere every single day

Jash P.Thiessen says:

September 15, 2013 at 4:34 am

Just Never Ends The Scenario of must be wired up to the nearest Satellite Tower... We have so many of them now there several now in our Neighborhood in a 1 Mile Radius...our City of Quesnel, British Columbia ,Canada also has one of the Highest Rates of Cancers in Canada according to Health Canada and the Canadian Cancer Society.....tomorrow we are all dragging ourselves through Yet another Terry Fox Marathon Walk or Run..Do not forget Steven Fonyo who felt inspired to finish the Journey and Live still.....Where are all those Carcinegics coming from?..It is a well researched Fact ...The Foods we eat is laced with Pesticides and other cancer causing Chemicals which both the F.D.A. and allows in small Minute Portions...Now our Air is also allowed to be laced with small amounts of Pollutants known to cause Cancers such as Vehicle Emissions.PaperPulpmill Emissions which are monitored for Emissions considered acceptable....In our Day and Age the Authority of the Air rules the Airwaves and quietly puts out RadiationThe Scientific Facts are there and the Whole World of Governments are on the Same Ship The Titanic.....A Sinking Ship of Major Proportions unless the Whole Ship is Turned away from that Iceberg of Technological Disaster.....Safer Technology.....Greener Technology....

Ian says:

September 20, 2013 at 5:04 pm

I live in NZ in Auckland (boarding) with a friend who is an electrician. Some months ago they installed a new meter which no longer requires them to come into the house to check the reading. Old meter is still on the board.

Since then I noticed sometimes at night I could hear this humming but no one else could, they thought I was making it up.

Lately I been getting headaches at night and for a long while now I do not sleep very well at all. Also I have noted my eyes have deteriorated really quickly where it is getting to the point I have to wear them all the time. Before it was for reading only.

This is an old house so the meter board is in the hallway and seeing they no longer come into the house I am guessing what they installed is a smart meter. The board is also right outside my bedroom..

The brand on this meter is Elster Metrix and has a digital readout. Is someone able to confirm that this is a smart meter for me please.

The main tenant is not open to listening even though he is an electrician about these sorts of things as he is in this mode where the world powers would not do these things and he thinks I am a conspiracy theorist..Basical thinks I am making things up.

Is there anything I can do to protect myself while living here ?

Any assistance appreciated.

admin says:

September 21, 2013 at 9:03 am

You can call the utility to ask if the meter is emitting RF, either wireless or what the industry calls unintentional radiation. You can try reducing other wireless devices already in the home to see if reducing your overall exposure helps. Be sure to complain to the utility, and whomever oversees utility safety. Shielding meters is tricky, and if the RF is in the wiring then the meter should be removed. Know you are not alone.

Timm Slybo says:

September 29, 2013 at 1:23 am

If its on your own property, You should make a “faraday cage” cover for the smart meter so that it is completely insulated and the RF signal cannot escape. Its not hard to do.!

HAHA says:

October 2, 2013 at 8:21 am

Hi!! I am a kooky guy! THE SMART METERS TALK TO ME! THEY TELL ME THEY ARE POISONOUS! THE GOVMT HAS INSTALLED A CAMERA ON THEM TO SPY ON ME! HOW DARE THE ELECTRIC COMPANIES TRY AND UPDATE A TECHNOLOGY THAT IS MORE THAN 60 YRS OLD!! AND ALSO MY BABY MONITOR, CELL PHONE, RADIO, MICROWAVE AND OH YEAH... THE CONSTANT RADIATION THAT BOMBARDS MY BODY FROM THE SUN IS EFFECTING MY HEALTH... CAN WE OPT OUT OF THE SON??? morons

A says:

October 2, 2013 at 10:28 pm

“HAHA”, I hope neither you nor any of your friends or family members get sick/have gotten sick from wifi radiation, including wifi radiation from wifi smart meters – the fewer people suffering in the world, the better – but believe you me, 100s/1,000s or more people all around the u.s. and world are currently, and have been, physically suffering from wifi smart meters and other wifi radiation for years now

GP says:

October 3, 2013 at 5:22 pm

Smart Meters are ruining my life. I have now been exposed to smart meters in both Indiana and Illinois and have become significantly ill during direct exposure. Having now had more prolonged exposure it takes more time to recover. When exposed, I am disoriented, dizzy, nausea, have significant brain fog and moodiness. I also have major headaches, tinnitus and am unable to sleep for more then 3-4 hours. I have recently discovered with prolonged exposure I have started to have significant chest pain and had to go to the ER to make sure I was having any cardiac event. I have incurred significant financial burden as I cannot live in my own home in Central IL and have been sleeping in my car or a hotel. I also have had to work partially in Northern Indiana but quickly discovered I could not live there due to the meter radiation. My \$500 rent per month in Valparaiso has not turned into a \$1500 rent in Chicago with a daily 3 hour commute and added \$200 train ticket. I still have major issues as my job in Valparaiso still exposes me to these meters during the day and I have had to adjust the amount and pattern of work that I do each day. But I may not be able to control my work load soon and dont know what I am going to do. My symptoms always start upon exposure and always decrease and eventually disappear when I remove myself from them. It is a very clear and definitive precipitant and it is degrading and dismissive when the electric companies tell me that there are no problems from them. Thus far I have been met with resistance and no opt out options.

D Hall says:

October 7, 2013 at 1:43 pm

HAHA says, “CAN WE OPT OUT OF THE SON???” I don’t know but if you do have kids maybe your son would like to opt out of living with you because you sir, are an ignorant moron.

J says:

October 7, 2013 at 4:13 pm

It’s spelled “Sun”- you obviously are not very bright..No pun intended!

J says:

October 7, 2013 at 4:18 pm

“Ha Ha” obviously has no health problems and doesn’t have a compromised immune system!

A says:

October 10, 2013 at 9:01 pm

everyone gets health problem(s), sooner or later – not only is there wifi radiation from wifi smart meters, wifi, cell towers, etc., but I have also heard that the Fukushima nuclear disaster from March 2011 could still be affecting the world with nuclear radiation more than 2 years later – I don’t mean to be a “negative nelly”, but if we can’t control some things, we should at least try to control the things that we can actually control, like, oh I don’t know, getting rid of wifi smart meters all over the U.S. and world and going back to non-wifi analog meters? Who knows what the future will bring (it doesn’t look too good now), but hopefully things will get better

Selisha says:

October 20, 2013 at 10:02 pm

Hi, my name is Selisha. (My mother suffers from EHS & has been homeless due to smart meters now for nearly 5 months.)

We wanted to ask if you could please add your voice & encourage others to add their voices to a potentially precedent-setting case developing against smart meters, starting here in San Diego with plans to spread out. An attorney is seriously interested in taking the EHS case on to stop all this ridiculous violation of EHS—an ADA-recognized disability. This attorney to my knowledge has never lost a trial & has a strong disgust for injustice, so if he takes the case, this is a good chance with far-reaching implications. He’s a personal injury trial attorney who is very happy that EHS is accepted as an illness by the ADA, & he wants to help ordinary people harmed by others carelessness or intentional wrongdoing.

But the office needs as much information as possible (and they are happily delving into it all), particularly from experts, in their own words.

To go forward with a proceeding, Jayme (the daughter of the attorney, who is evaluating all the EHS evidence before it goes before her father) needs 3 things:

1. She needs to speak to EHS sufferers, & particularly hear about how smart meters have driven you or someone you know from a home or in some other way impeded the right to socialize or be at home. (Public settings included as well—stores, offices, transit—however smart meters & wireless has held you or someone you know captive.)
2. At least 1 medical expert in the who can unequivocally testify that smart meters themselves are dangerous and causing the damage claimed. (to corroborate EHS victims’ claims) This is important to stem the almost certain tide of power company denial!
3. And another expert who can verify fair damage amounts (settlement amounts, etc).

The attorneys are trying to do this right, and the more people they have to help with these 3 things, the better & the quicker the process.

Please call her (the attorney’s daughter)

Her name is Jayme (619) 236-9696 Her Father’s name is Sean Simpson

(Let her know Selisha told you about them)

<http://www.simpson-moore.com/seansimpson>

Thanks, potentially this can help get a survey together & help more than just one state, but set precedents to stop this ridiculous violation of a valid ADA-recognized disability.

Thanks, please let me know you received this, & please send to ANYONE else who could be of help
Selisha (858) 571-7181

Neil Mc George says:

October 22, 2013 at 10:39 am

Which handheld meter do you recommend for testing for cancer causing RF?

admin says:

October 22, 2013 at 10:53 am

<http://www.radmeters.com/Cornet-ED78S.html> for home use

Selisha says:

November 5, 2013 at 9:52 pm

Hi, this is Selisha. (Mom has EHS & has been homeless for 5 months due to smart meters forcibly installed on our apartment complex.) I’m writing to ask if you know where the newer findings are saying that cellphones & wifi are conclusively carcinogenic? I know before that WHO has said possibly they are carcinogenic, but I keep hearing & I remember coming across new findings saying conclusively & definitively that they are carcinogenic, not just “possibly” or “potentially.” I need them for an upcoming

submission but just couldn't locate them.

Please let me know or if you know someone who might be able to direct me to these papers...

Thanks so much, Selisha (858) 571-7181

admin says:

November 7, 2013 at 2:35 pm

The WHO classification is a 2B possible carcinogen- they have not changed that.

Richard says:

November 7, 2013 at 9:56 pm

Selisha (and admin) – Actually, the WHO classified RF radiation as a Class 2B Agent, which they define as possibly carcinogenic to humans... “This category is used for agents for which there is limited evidence of carcinogenicity in humans...”

>> That is what has not changed.

Anyone interested (Selisha?) in the WHO's work and conclusions should first familiarize themselves with the definitions laid out in their Preamble to all that RF work. REF:

<http://monographs.iarc.fr/ENG/Preamble/CurrentPreamble.pdf>

I am unaware of any more recent studies or analysis of previous work that even comes close to “new findings saying conclusively & definitively that they are carcinogenic”. If any such work exists, then PLEASE let us know.

Paul H says:

November 10, 2013 at 8:28 am

Richard is unaware of the mechanism involved with the slow destruction of mankind due to microwave (300MHz-300GHz) frequency radiation. It seems impossible for some to put pieces of a puzzle together. They are only capable of looking at the finished product.

For a quick video go here

<http://www.youtube.com/watch?v=EnUK3Z3Lyfo>

How could the smart meters' 900 MHz frequency be effecting my head?

http://www.avaate.org/IMG/pdf/resonancia_craneo_Israel.pdf

Are stress responses to geomagnetic storms mediated by the cryptochrome compass system?

<http://rspb.royalsocietypublishing.org/content/early/2012/03/12/rspb.2012.0324.full>

Cryptochrome and magnetic sensing. (smart meter emissions are pulsed magnetic waves capable of disturbing the cryptochrome)

<http://www.pnas.org/content/early/2012/03/08/1118959109.full.pdf>

<http://www.ks.uiuc.edu/Research/cryptochrome/>

Why are cryptochrome so important for sleep?

<http://www.nature.com/ncomms/journal/v4/n4/full/ncomms2670.html>

What is the pineal gland?

http://en.wikipedia.org/wiki/Pineal_gland

What is melatonin and why is it so important?

<http://www.ncbi.nlm.nih.gov/pubmed/15589268>

Why the FCC doesn't protect against biological effects.

[http://www.hese-project.org/de/emf/WissenschaftForschung/Ho_Dr._Mae-](http://www.hese-project.org/de/emf/WissenschaftForschung/Ho_Dr._Mae-Wan/showDoc.php?lang=de&header=Dr.%20Ho&file=Non-Thermalbiological%20Effects.html&back=../showAuthor.php?target=Ho_Dr._Mae-Wan)

[Wan/showDoc.php?lang=de&header=Dr.%20Ho&file=Non-](http://www.hese-project.org/de/emf/WissenschaftForschung/Ho_Dr._Mae-Wan/showDoc.php?lang=de&header=Dr.%20Ho&file=Non-Thermalbiological%20Effects.html&back=../showAuthor.php?target=Ho_Dr._Mae-Wan)

[Thermalbiological%20Effects.html&back=../showAuthor.php?target=Ho_Dr._Mae-Wan](http://www.hese-project.org/de/emf/WissenschaftForschung/Ho_Dr._Mae-Wan/showDoc.php?lang=de&header=Dr.%20Ho&file=Non-Thermalbiological%20Effects.html&back=../showAuthor.php?target=Ho_Dr._Mae-Wan)

Is the power company lying to you?

<https://maisonsaine.ca/sante-et-securite/electrosmog/smart-meters-correcting-gross-misinformation.html>

Do the cell phone companies know they are producing a harmful product?

T-Mobile's ECOLOG study

<http://www.wifiinschools.com/uploads/3/0/4/2/3042232/ecolog20001.pdf>

iPhone users can read their disclaimer on their phones. Instructions below.

Go to SETTINGS

next; ABOUT

then; LEGAL

finally; RF EXPOSURE

Notice the word BODY and not HEAD. Yet it has a touch screen.

I understand that some may not be able to understand the above mentioned since it wasn't dictated in a university type atmosphere.

A says:

November 11, 2013 at 6:55 pm

Yeah, Paul, some/a lot of people think that universities/colleges/grad. schools/professionals/the mainstream media, etc. have some of the “smartest” people in the U.S. and world working for them – And this is true in some ways, but not in other ways – Wifi industries make billions of dollars every year selling billions of humans wifi products yearly – These multi-billion-dollar industries pay “professionals” in universities, grad. schools, mainstream media, etc. millions of dollars to claim that wifi “cannot hurt people and/or animals” in their “scientific” “studies”, when it is very obvious that many humans (and other animals/organisms) have been physically injured (or worse) by wifi products for several+ years now (including wifi cell towers) – Wifi smart meters are some of the most dangerous wifi products still being forced on millions of people worldwide – I don’t know when or if there will be an anti-wifi-smart-meter U.S. and global “sea change” that could possibly outlaw those evil little blinking, pulsing buggers (along with other wifi products), but only time will tell

Renoaku says:

November 12, 2013 at 2:19 am

I don’t remember exactly when the Smart-Meter was installed into our home over a year ago, However since the installation of the “Smart Meter” My Family Members, and I have experienced Multiple Health Problems, and can only think that it is related to the Smart Meter.

Within a Couple of months after the Smart Meter was installed I started Experience Anxiety/Panic Disorder, I went to see Multiple Doctors and was diagnosed with Panic Disorder. I also Experience other symptoms on the list like Body pain, but the worst symptom I have had was Anxiety. Oh and I forgot Sleep Problems too.

My Mother which is a Diabetic is also now experience Respiratory Problems, Multiple Urinary Infections, Arthritis Pains, Trouble Breathing, Anxiety, Sleep Disorder.

We both have also had the ringing in the ear thing for me it is very rare but sometimes.

Over the Last 2 months though I have not had as much problems with Anxiety not sure why I was put on Medication but Didn’t take it because of the side effects on the meds itself, although the only thing I can think of when this all started is the “Smart Meter” which was installed in my house, I have no problem with Smart Meters, myself, but seeing all the complaints, and no scientific to prove these can’t effect our health is the problem, I would rather pay an additional \$5 a month for someone to come out and read my old meter than to remotely monitor a meter with an automated API and risk health problems, or other concerns. The Panic Disorder was so bad at one time that it could have been life threatening to myself, and others because of this.

I believe that we should have the right to Go back to the Old Analog Meters without any problem to determine if this is the actual cause, I have grown up around Computers myself for over 10 year’s exposure to Radiation from Multiple PC monitors, Microwaves, Wireless WI-FI from my modem never had any problem but the Smart Meter maybe causing us health problems and we would like a way to rule this out. Not sure how to go about asking to go back to a Analog Meter though as I am in Texas, and I read the AEP Site they say we have to be connected to the Smart Meters.

Now I am no expert but I do believe the Smart Meter could very well cause health problems, perhaps it has many factors on a persons Life, and how they live, and proper research should have been done before making the meter have to be installed in everyone’s House. I understand the Need for Digital Meters because this is the Digital Age, however I feel there are more safe ways to read a meter like through the Power Life itself rather than having every home broadcast Wide WI-FI signals out of the persons property that could cause health problems, or constantly broadcasting information over wide distances.

I would very much like the ability to OPT-Out and Determine if this is the cause to our family’s Health Problems.

Laura says:

November 14, 2013 at 9:49 pm

All of us have been having too many headaches since the new meter was put in. Our daughter sleeps with the meter on the other side of her head. She wakes up with headaches and nausea. At first I thought it was my imagination. But last year she attended the school year out of our home. At one point I asked her when was the last time she had a headache, and she could not remember. This year she has returned and her headaches are back and getting worse. We are getting a analog meter put back on the house. I have a dull headache most of the time with sharp pains in my head. I hope the absence of the meter corrects the problem with all of us.

shauna says:

December 14, 2013 at 10:47 pm

I have had similar problems on and off for about a year. My head gets really tight and foggy and sometimes the pressure in my head gets so bad I feel like my head is going to explode. It gets really scary when this happens and wonder if I should go to the hospital, especially when it wont go away. I know this is due to my sinus's swelling. It also effects my eyes and vision when this happens. Along with these symptoms I get a really nervous and shaky feeling for some reason and get a drunk feeling in my head. I also get red rashes and burns on my face, disorientation, memory loss, and confusion. I did some research about these symptoms and have come to the conclusion that it could be electromagnetic sensitivity or electromagnetic poisoning. Just recently my fingers on my right hand started twitching and when I go someplace else it all starts to clear up after a few days.

This depresses me because I just got my Bachelors degree in graphic design and just started a career in this field and I cant seem to be on a computer for more then 10 minutes without my eyes and face burning and my head feeling like its going to pop. I have been given freelance assignments and job offers, but I don't think I'll be able to do it..... So I guess my career is down the drain.

This all started when I moved into my apartment a year and a half ago, I never had problems like this before. I could use a computer as much as I wanted and now suddenly I am so sick and foggy headed all the time. I have heard about living near cell phone towers and having smart meters can make you sick. I found out that there is a cell phone tower a couple a blocks away from me and I am suspicious that my apartment complex is using smart meters. I am moving in a couple of weeks and hopefully I will start feeling better after I do.

So about a week ago I ordered an EMF shielding tent to sleep in and it has been helping a lot but I do have to spend a considerable amount of time in it. If I spend too much time in my apartment without being in the tent I start getting really sick again. The tent makes me feel a lot better and I can sleep really good and it makes the symptoms go away, even the twitching in my fingers.

admin says:

December 15, 2013 at 10:50 am

Once you move- hopefully a good distance (at least 1/2 mile or more) away from cell towers and hopefully away from smart meters, consider reducing your overall electrical exposure. Most helpful is turning off the electricity at the breaker box- but every home/situation is different. Also I have found using a MAC notebook on battery, on a grounding pad, with an extended keyboard and wired mouse really helps ALOT. More ideas here: <http://emfsafetynetwork.org/safety-precautions/> Thanks for sharing your experience with a faraday tent. Sandi

James Ginn says:

December 25, 2013 at 10:43 am

This is absolutely amazing. I just happened to catch Joyce Riley's show on the radio this morning and they were talking about smart meters. And then it dawned on me. I have been having trouble sleeping for several weeks with an interrupted sleep which is totally foreign to me as I usually sleep like a log. Also I have noticed that I get these little pangs of nausea every so often that last but a few seconds and appear randomly throughout the day. I have been unable to account for such symptoms as I have never experienced anything like this before and have always been very healthy and fit.

And yes it now makes sense since these symptoms have been going on only for a few weeks and that is about how long the new smart meter from Hydro Quebec has been installed.

When doing a web search I came across this site and I thank you for all the info. Its good to see someone is on the case.

Joel says:

December 26, 2013 at 1:13 am

You people are a bunch of woowoo wingnuts.

Probably don't vaccinate your kids either.

Abdullah says:

January 2, 2014 at 5:11 pm

I've been having problems for a long time, lots of health issues, finally noticed the source of the problems was the smart meters, cordless phone docking stations, wifi, cellphone towers, etc.

It's getting ridiculous, and then there are denizens of hell like Joel here to try and promote the sickness and discourage the sanity. Wish I could install all the smart meters in the world on his face, he can have all the vaccines too.

L says:

January 2, 2014 at 9:00 pm

“Joel,” it seems that dozens/100s of people from around the U.S. and world have complained about wifi smart meters on this website alone – You’re accusing a lot(!) of people (globally) of being “woowoo wingnuts,” which is pretty rude, not to mention scientists like Dr. Magda Havas, an associate professor at Trent University in Ontario, Canada, and Barrie Trower, an English physicist who was a microwave weapons expert and who worked for the Royal Navy and the British Secret Service (according to the youtube video: “Wifi, Microwaves and the Consequences to Our Health – Barrie Trower”) – Too many people (globally) have physically suffered (and worse) from wifi radiation from wifi smart meters (and other wifi, possibly along with other cause(s)) for too many years now

Xy says:

January 5, 2014 at 3:50 am

I’m a born again bi-directional transmitter,

Covertly sensitive & weak.

No matter how much damage I cause

I inherit the earth, not the meek.

It’s never ever my own fault

No matter what I do.

I’m uninsurable, nosy, risky, greedy,

Yet they’re all easy to subdue.

I’m illegal – I arc & corrode wires.

I’m feared ...yet they imbue

Me with powers far beyond what

Any digital device can do.

When I sneak on to home wiring

Homeowners just cry & shriek.

They seem helpless and act hopeless.

A laughing stock for any geek.

I can set home wires on fire

Faster than one can strike a match.

I operate remotely,

Using stealth to data snatch

And latch on to every move they make,

For privacy to dispatch.

Luckily they don’t catch on

I possess a unique streak.

I tend to succumb instantly to

Certain magnetic techniques.

A few rotations around my sides

Make my mother board just freak.

My much touted “power”

Is actually just a sham.

Most worry about stopping me,

And fear my tamper tell all cam.

They really just do not get

How vulnerable I am.

The flighty think I’m almighty

They’re just so dead easy to scam.

Good thing they’ve never figured out

How simple I am to jamb.

Guy mckinney says:

January 8, 2014 at 2:06 pm

I had been given a notice in mail a couple months ago that a service tech was to come out and put in a smart meter ! I immediately called them to let them know I wanted to opt out. I told them I didn’t want one installed die to my rights to say no ! I started also having insonomia bleeding of nose. Headache etc I received my bill today looked at it and it was almost twice as high as last December and I didn’t even put

up Christmas lites this year due to the closeness of the holidays. So wow I called nevada energy and asked them why is my bill so high. They said well it was about the same last year I said no its almost twice as much I live alone and she said well after we installed the smart meter the energy has been about the same !!! I asked what you put in a smart meter you jumped my gate ? You entered my property without my permission broke my gate to enter ? Ill file a trespassing charge now because that is called breaking and entering she told me they have to have access to their equipment !!! They never had the right to enter more did they have to because they could just look over fence to get meter readings. So if I'm out of line someone please call me. 775-843-7685

admin says:

January 8, 2014 at 3:19 pm

Outrageous. contact this NV group: <http://www.trueemfsolutions.com/contact/>

I doubt you can get them on a trespassing charge. However document your experience by making a declaration.

You should be able to call the utility and opt out. Or tell them you never consented to having a transmitter on your home and tell them to restore the analog meter at no additional charge. Good luck.

Polly says:

January 13, 2014 at 3:55 pm

Shortly after my SM was installed I started having severe itching in my ears. It feels like bugs crawling inside. I never had headaches until the meter was installed. This has been going on for almost 2 years now. In the past 3 months I had 2 double ear infections. I never go to the Dr., but had to go to Urgent Care for the infections. I told the Dr. it felt like bugs crawling inside my ear and he couldn't explain what was going on. He asked me what a Smart Meter is??? My electric Co. won't change the meter and if they did, I am afraid my neighbors meters would affect me as well. I am miserable. My son is also suffering from the RF. His ears are bleeding and he has pains shooting thru his head. This is so cruel. What are we suppose to do. Pack up and leave our home and live in the woods. That's what I am about to do. We are being tortured.

Robert says:

January 20, 2014 at 9:56 pm

I am wondering if people with mercury amalgam fillings are more sensitive to smart meters, in general. If you have mercury amalgams, you could join the frequent-dose-chelation group in Yahoo, and post your story. <http://health.groups.yahoo.com/group/frequent-dose-chelation/>

If you can not get away from a smart meter, try shielding, especially your sleeping area. You can buy cheap aluminum mylar "emergency" blankets to provide some shielding. Website <http://www.createhealthyhomes.com> has useful information.

how to get rid of tinnitus says:

January 21, 2014 at 7:17 pm

As opposed to adults, the elderly are much more vulnerable when it comes to developing tinnitus symptoms. Apart from their age, the body systems of the elderly (primarily their senses) are already vulnerable to degenerating.

Chances are they already have an altered smell and taste, probably have hearing difficulties, or probably have vision problems.

Paul Vonharnish says:

February 1, 2014 at 8:27 am

To all those complaining here, and the other 5 billion who are being intentionally snuffed by electromagnetic radiation devices: Get a weapon. Learn how to use it. When they come onto your PRIVATE property to install their death machines, open fire. If you think governments will ever protect you from these thugs and their snuff machines, you are brain dead already. Smart meters and smart devices in general, have only one purpose, which is to kill off the "worthless eaters". Fight back with every weapon you can lay your hands on.

charlie says:

February 6, 2014 at 9:45 pm

Yes, radio waves do effect amalgams. In WW2 the radar personell had to replace theirs every couple of months. mercury is also loosened when you visit the MRI.

I am trying to think of possible solutions to this radiowave problem, i sympathise with all of you (i too am severely sensitive to a specific type of radio wave that i dont often come accross... mobile phones do not effect me much and i dont have smart meters in my area). Im not a professional with radiowaves but have a little electronics experience.

We know that microwaves heat water. Therefore water absorbs microwaves. Install few fish tanks into the room you cannot use. (No fish please). Build a strong wooden structure to hold them (see next about risks of metal bolts). Although i feel it may not work that well. Adding salt should cause the wave to conduct through (bad).

Next is antennas. There is an invention called "chaff", this confuses radar when the bits of foil are dropped from a plane, because the foil is cut to a specific length (half the wavelength travelling at the speed of light) to retransmit the signal. You will find something similar encased in a plastic lump sticker on shop items, when they pass through the sensors, the red lights turn on and the alarm sounds. We are told the meter signals are 2.45Ghz and 900Mhz. therefore the chaff for 2.45G is 5.9014cm (2.323 inch) long and 900Mhz is 16.65cm (6.557 inch) long. If you have any metal object in your house that are these lengths or a multiple thereof, you should trim so they do not become emitters. I first heard of chaff when someone said you can use it as a passive WiFi extender. In the video about the YAGI antenna, bars of about this length are added to focus the RF energy.

<http://www.youtube.com/watch?v=lsIHtCUSfN4> (about the YAGI antenna and the dipole antenna), the video is slightly broken.

In order to absorb some of this energy, one of the simplest things you can build is a dipole antenna, which is not unlike the chaff.

diple antannas consist of two wires end to end, between them is the load. The load can be a small torch light bulb (if you want to see it, and want to replace the bulb when it wears out). You can buy little blinky things for your mobile too, but these dont absorb much energy. The total length of the two wires are the same figures mentioned earlier. you can zig-zag the wires if you need to fit it into a confined space like your meter box (not sure about coiling, like onto a pen shell, maybe). the 900Mhz is seemingly on the 2G mobile phone band, and 2.450Ghz is about halfway between WiFi channels 6 and 11 (You can tell me if your meter is transmitting on both frequencies by installing both sizes). I dont think you should copy the YAGI antenna, having the elements which are designed to focus what comes from the transmitter. simply make a bunch with bulbs on each one.

My questions:

*I dont know what sort of load is best, if you make it a short circuit, you will only get a reflector, in fact you can find a radio receiver by the little bit of signal it does reflect. More than likely this has something to do with the laws of thermodynamics.

*And i dont know if you can deviate from the design slightly: should you have a number of half lengths in parallel with a singular load?

*should you install multiple units oriented in each axis, X,Y,Z?

*should you vary the lengths a bit? perhaps +/- 1%

Finally, let me tell of something i did when i was younger on the school bus, which should help everyone: I brought a little radio with me on the bus and sat near the bus driver. I found that if i tuned my radio near the station of the bus's radio, the bus's radio would fade. From memory, it was slightly off frequency, rather than right on the station, which i thought was odd.

Summary:

Use the dipole antenna in the meter box. you can probably use a resistor (an electronic component) to replace the bulb, but check with a second unit with a bulb that the resistor is not adding to the length (it shouldnt), and should respond the same when brought together as if you had a bulb on it (two bulbs needed for the experiment). Conduct the experiment at night if the bulbs do not light. A camera without an IR filter can see heat before you can and also make sure that the bulb was not destroyed. It may best to have something near your body also, since we know that it can drain all the radio waves in a small vacinity around it. If you hear noises, instead of the dipole antenna, try the chaff, it may actually mute any humm completely. One person here wrote the noise they hear is associated with the trains, so its seemingly an instantaneous measurment of the electromagnetic noise you are in (and you should be able to detect if it is better or worse). Why the chaff? The thinking is the laws of thermodynamics, for every action there is an equal and opposite reaction. Because i had my radio near the bus, it was sending out a signal to cancel the waves being received by the bus. Even in the video link, the reflecting element of the YAGI mutes the signal. The chaff, being a short circuit, completely mutes anything nearby because of its ability to retransmit the signal.

Well i hope this helps someone, even for the development for proper shields... enjoy... and if you are in a building with heaps of meters enjoy your personal sun bath! (although there may be negative ramifications for "sabotage").

Other melatonin research trails involve blue light before bed (look that one up).

charlie says:

February 7, 2014 at 3:25 am

Following on from the previous message.

If you intend to use LEDs instead of a lamp, ensure that you use two in parallel and facing opposite directions, because a single LED has a finite reverse voltage, two LEDs clamp the voltage low. Even with this precaution, they can be cooked much easier from too much power. I suggest greater wattage heatsinked ones but still no guarantees.

an alternate link to the previous video shows the making of the lamp antenna:

<http://makezine.com/2010/02/03/seeing-radio-waves-with-a-light-bul/>

here is a link about another handmade dipole antenna including the simple formula:

<http://antirez.com/news/46>

The WIFI function of the meter is likely to control in-house things (for example Google's 'smart thermostat'), therefore both transponders would be active. And perhaps is the motivation for charging people 9% more for their power for keeping their old meter.

Some recent computer processors (yes, CPUs) come with a 3G transponder for security (anti-theft) and possible remote activated system updates (since Jan 2011, although not all of them, and im still not sure if you can trust the CPUs that are "fine"). the public is only aware of Intel products, AMD is not known. I am not sure when it gets used.

Finally, about fires: For all we know, these house burnings are deliberate – that is, remote controlled. If you had a firecracker attached to your house, what would you do to protect your investment if it were to ignite? But when i read about these, there isnt any information about the current going through them at the time. If excessive and prolonged then sure it might burn (it may even be the fault of the installer), if all you have is a fridge running then it could be more sinister, because these things are supposed to be rated for high current (the conductors are supposed to be large), and with a singular bad connection, the large conductors should heatsink the heat.

You can tell a very bad connection by doing this. measure the AC voltage using an RMS meter designed for mains AC (cheap meters have a warning to not use on mains and are not RMS), then have your wife cook. measure the voltage again and that would be your voltage drop. If your cooktop has 600W elements that would be $600W/110VRMS=5.45A$. you see a 16VRMS drop then 87W is being lost somewhere (and assuming power factor = 1). If you are in a rural area far from anyone, by yourself on your own power pole transformer then this will not work as well unless you have a number of other loads occurring in the building. Better is access to the Grid side (because the transformer windings have a finite resistance).

If it burns after your test (which found perhaps only a 5W loss) then it may not be good news for anyone. If it uses a solid state relay for disconnecting you then thats an additional problem, the voltage will drop from being turned "on" will consume 1-2% of the energy intended for the load (SSRs have a 1.1-1.6V drop, in addition to a resistance that increases with heat, in other words, the possibility of thermal runaway).

Some sources recommend "semiconductor" fuses to protect SSRs in the event of a load short circuit. if you have the normal filament type of fuse (rather than circuit breakers) used with older meters, then it's of little surprise the meter burned out instead of the fuse. Therefore a possible reason for the fires is previously the fuses only get warm. Upgrade to circuit breakers. If the conductors were poorly connected to the SSR then there is an increased possibility of a fire. I dont think a bad power factor would contribute to a fire (provided there is not much other load) but may (likely) contribute to your bill (not sure if it would be called your "peak power consumption").

"SCR-output devices can be expected to fail short at high temperature, while MOSFET-output devices can be expected to fail open." Here, "short" means the load remains powered. The latter can fail part conducting (can heat further).

SSRs are said to produce EMI but i assume this only occurs when switching, because i cant find anything.

<http://emfsafetynetwork.org/smart-meters/smart-meter-fires-and-explosions/>

Smart Meter Fires

By Bill Sweet

Posted 5 Sep 2012 | 19:06 GMT

We are seeing a spate of report from around the United States—and indeed around the world—of fires believed to have been caused by smart meters that were faulty, incorrectly installed, or connected to circuits where there were unfortunate and unforeseen effects. This appears to be not just a matter of freak incidents that may or may not have taken place here or there. In a compilation made by the EMF Safety Network, which specializes in EMF and RF precaution, there are at least a couple of dozen smart meter fire reports from Australia to Canada and virtually all regions of the United States, and some of those reports concern a couple of dozen fire incidents. In some cases fires appear to have originated in the meters themselves, in other cases in appliances like microwave ovens or refrigerators (as in the photo above), because of power surges.

To be sure, those reports are not necessarily going undisputed by local utilities and energy companies. In one instance, for example, California's PG&E and fire officials have taken issue with an initial report of meter induced fires in Santa Rosa; a short circuit in the distribution system blew out a number of meters, both conventional and two-way, the local fire chief said. On the other hand, just last week Commonwealth Edison of Illinois confirmed three smart meter fires in its operating area, and earlier last month its sibling company Peco Energy suspended smart meter installations in the Mid-Atlantic states after 15 reports of smart meter fires, one in Philadelphia.

Britain's Electrical Safety Council considers meters generally a fire hazard, as cables or fuses deteriorate with time, and it has warned electricity users against storing flammable items like rags or paper near electrical intake equipment.

Obviously all companies with smart meter programs, and all their suppliers and sub-contractors, are going to have to take a close look at the issue of fire hazards. This is just the beginning of a difficult story. Companies installing smart meters already have run into a lot of consumer push-back because of concerns about privacy, security, and--sometimes--higher rather lower electricity costs. The last thing the smart grid needs is meters causing fires.

Smart Meter Fires and Explosions

The following is a compilation of reports from the US , Australia and Canada about fires, explosions or burned out appliances due to Smart Meter installations. If you have experienced similar problems, please post your story in the comment section below.

The US Consumer Products Safety Commission (CPSC) is a federal agency that will take complaints on utility smart meters from all US states. If you have or had smart meter electrical or fire problems CALL: (800) 638-2772 Monday through Friday from 8:00 a.m. to 5:30 p.m. ET or submit your complaint by email.

8/2013 Lakeland fire sparks concerns about 'smart meters' (Florida) TV news reported , "A charred electrical box is what's left of a very scary weekend outside Cherie Oberg's Carillon Lakes condo in

Lakeland. Oberg says the digital “smart meter” on her home burst into flames damaging two adjoining meters. The flames fizzled out by the time Lakeland firefighters arrived, but the fear sparked by the situation is still smoldering for Oberg and her neighbors. “The report and video confirm the Consumer Product and Safety Commission is taking complaints on smart meters.
WFLA-TV News Channel 8

On December 18, 2012 a PG&E meter reader whistleblower tells the California Public Utilities Commission judge that:

- Smart Meters CAUSE FIRES.
- PG&E is covering up the Smart Meter fire risk.
- PG&E fired him because he was unwilling to keep quiet.

“Smart Meter Disaster” is an Australian TV news report on the meter hazards, including fires.(From 2012)

2013 When ‘Smart’ Meters Kill: The Story of Larry Nikkel — Details Emerge of Vacaville, CA Smart Meter Fire Death Larry Nikkel died in a house fire related to smart meter installation in Vacaville CA. The burnt out computer, loud humming in the house were classic signs that the smart meter was arcing. The case was settled out of court.

2/2013 FOX 5 Investigates: Smart meters spark controversy “I was walking to the seventh tee, when the pro came up and said, ‘Jump in the car. We just got a call. Your house is on fire,’” Michael Capetto said. He lives in Upper Makefield, near Philadelphia, where the utility PECO this past summer reported at least 15 smart meters caught fire or got so hot, the meters melted. Similar fires have been reported in other states too.”...“the meter sizzling inside the casing like a piece of bacon”

3/2013 “Memphis Light Gas and Water Division officials on Tuesday told a City Council committee that “smart meters” slated to replace the utility’s traditional meters don’t cause fires....But problems with the metal electrical boxes, or “meter sockets” into which meters are plugged, could cause overheating and spark a “flash over” fire, they reported. Made of plastic, smart meters also can melt.”
<http://www.commercialappeal.com/news/2013/mar/05/memphis-city-council-briefs/>

1/17/2013 Electric Meter Catches Fire at Winchester Resident’s Home

A Sensus Smart Meter caught fire on a Winchester TN home. The damage was contained by the brick siding. The owner, Brandon McClain is asking the utilities to pay for the smoke damage to his garage, the loss of his wages to deal with the problems, and the cost to replace the meter base. He states, “I believe the fault lies in the Sensus Smart FlexNet meters Winchester Utilities is currently using, or the utility employees spread the terminals when the smart meter was installed. My family could’ve been seriously harmed.”

11/27/2012 Fire captain finds hazardous power surges follow Smart Meter installations

Matt Beckett, a CA Fire captain stated, “Two years ago PG&E replaced that meter [analog] with a “Smart Meter”. Immediately following we noticed power surges in the form of our refrigerator motor intermittently speeding up simultaneously with our lights becoming brighter. As a seventeen year veteran and current Fire Captain this caused me to become very concerned.” The Smart meter on his house was replaced with an analog, and there were no problems, until a new Smart Meter was reinstalled. This time he had two surge protectors burn out. Read more: <http://emfsafetynetwork.org/?p=9013>

11/2012 Michigan Is your electric meter dangerous? (see video in link.) Some say new meters are leading to fires: “Bonnie and Owen Medd said they never had a problem with the electric meter on their Ann Arbor home until DTE Energy replaced it with a new advanced “smart” meter. Then, it exploded.

“The DTE man told me we were very lucky our house didn’t go up in flames,” said Bonnie.

The Medds blame their new smart meter.”... “After hearing about the fire at the Medd’s meter, 7 Action News started digging. We found similar fires are being reported across the country. Our sister station, WPTV in West Palm Beach, Florida, has covered several fires linked in part to smart meters.”

11/29/2012 Examiner: Something is still wrong with the smart meters Writer Norman Lambe outlines his

concerns regarding smart meters and gas explosions. “A glitch in the construction of the meters soon became apparent to the installers, and created a situation in which arcing could take place creating a spark, and if a natural gas leak existed anywhere in the vicinity serious problems could result, as witnessed to by the San

Bruno explosion.” He calls for a federal probe on the possible connection between Smart Meters and gas explosions stating, “I believe it is time for a federal probe into finding out once and for all the responsibility for the natural gas explosions taking place to determine if the smart meters are responsible.”

November 2012 : A recent article recognizes the connection between Smart Meter installations in Reno Nevada and Smart Meters exploding and burning out appliances. According to the article NV Energy Gary Smith admitted to problems with arcing and burnt out appliances, stating, “What happens is sometimes in the panel itself, you can get heating in those clips (where the smart meter’s prongs plug in) if they’re worn out or damaged,” Smith said. “Then we get what we call a ‘hot socket’ and you’ll have arcing and you’ll have a flashover.”

IEEE Smart Meter Fire Reports “Obviously all companies with smart meter programs, and all their suppliers and sub-contractors, are going to have to take a close look at the issue of fire hazards. This is just the beginning of a difficult story. Companies installing smart meters already have run into a lot of consumer push-back because of concerns about privacy, security, and—sometimes—higher rather lower electricity costs. The last thing the smart grid needs is meters causing fires.”

In August 2012 GE recalled 1.3 million dishwashers due to reports of 15 fires. GE also makes Smart Meters.

GEORGIA Family reports smart meter fire. In the photo the homeowner holds the charred remains of a smart meter which exploded and caught fire on her home, causing \$11,000 worth of damage. According to the news report Georgia installed the same type of meters-Sensus- that have sparked fires in other states. (See video available here)

Smart Meter Causes Dumb Fire

“In June 2010, Shirley Bayliff was sitting at the piano in her suburban Illinois home, giving music lessons to a student, when she heard a “pop” outside the house before the power went out. When she and her husband looked out the window, they saw five-foot flames shooting out from a new General Electric smart meter their utility company had installed as part of a pilot project.”...”Since then, two more of the 130,000 smart meters Commonwealth Edison installed in the area have burst into flames, one in 2011 and one this last July, according to the newspaper.

Three states utility regulators investigating Smart Meter fires

“The Pennsylvania Utilities Commission wants more information about PECO Energy’s handling of its smart meter program, including failure rates of its meters, the number of overheating incidents and how many overheating incidents resulted in damage. ...Regulators in other states, including Illinois and Maryland, are investigating allegations of dangerously overheating electric smart meters and reports of meter fires.”

9/7/2012 Home Scorched by PECO “Smart Meter:” Fire Officials

PECO confirms to NBC10 that there have been 26 incidents of smart meters overheating

8/30/2012 Chicago Utility Company admits to Smart Meter related fires

The Chicago Tribune reports, “Commonwealth Edison (ComEd) confirmed on Thursday that three of its smart meters, which wirelessly relay power-use data between homes and the company, have been involved in “small fires” in the Chicago region.”

Recently Maryland utility regulators held a hearing with four major electricity companies about smart meters. The Baltimore Gas and Electric Co. was reported to admit their company experienced five incidents of the smart meters overheating.

According to the Tribune, ComEd replaced 15 heat damaged Smart Meters, and is sending its meter designs for independent evaluation, before it deploys more meters next year.

8/25/2012 Woman wants electric company to replace TV (Texas) ” Long blames the installation of a smart meter at her house for shorting out her flat screen and causing her microwave to act up. She also said her radio now broadcasts more static than music. “I left the house (to run some errands) and when I came back, nothing was working,” ...It appears an electrical surge fried the TV set and might be responsible for putting the microwave on the fritz. At least, that’s what Long said her electrician told her.”

8/23/2012 Houston Smart Meter Fire ” A southwest Houston woman is blaming a smart meter for a fire that left her home in shambles in July... Harwood provided KHOU 11 news with a document that appears to be from the Houston Fire Department. The letter states “an unspecified electrical malfunction in the electrical meter” caused the fire....” (article includes a video)

Home owner blames smart meter installation for destructive fire (Global TV BC News)

...”The family says the electrical fire shorted out no fewer than 20 different appliances, and a number of electrical outlets...”I got a panic call from my mom saying that there was a fire in the house. So I ran over and there was lots of black smoke. Luckily I could put out the fire out fast with an extinguisher.”...The daughter, who did not want to be identified, says the fire follows the smart meter installation by BC Hydro, and the damage is far worse than just the microwave...“Really anything you can name inside the house. All the air conditioning is gone, the phone inside the house is gone, the TV boxes, all the electronic devices are gone.”... (article includes a video)

Philadelphia Utility Company Halts smart meter installation due to fire risk

8/12/2012 Power mishap damages appliances for Livermore residents

28 smart meters were replaced by PG&E when a power line replacement caused a power surge which fried appliances, TVs and air conditioners. “The surge of electricity ripped through 28 homes on Hudson Way in Livermore.”

“All these neighbors have to buy the items lost and then bill the contractor. These homes lost hundreds if not thousands of dollars of electrical items to the problem. PG&E spokesperson Brian Swanson says it all could have been avoided by a flick of a switch. “When the contractor was switching over to the new 21kV line, they forgot to switch the transformer from 12kV to 21kV,” said Swanson. ”

August 3, 2012 Fire guts Mission home after BC Hydro smart meter installed

Excerpt: “BC Hydro claims a Mission homeowner is ultimately liable for a fire that originated at the base of a smart meter one day after it was installed.

A report by the Mission fire department said the blaze, which destroyed Trish Regan’s house in the 7900-block of Burdock Street and leaped to the roof of a neighbouring home on June 15, originated at an insulating “lug” in the lower left corner of the meter base. The report says the terminal, which attached the meter base to the home, appeared cracked and “radiated heat to combust the wall at or near the meter base.” The base is the mounting plate for the meter, which measures how much electricity a home consumes during each utility-service billing period. Electricity must pass from the meter through the lugs to connect with the house wiring.

BC Hydro maintains the meter base is part of the house and thus any damage or faulty wiring is the customer’s responsibility.”

6/20/2012 Canada: Residential fire erupts one day after a Smart Meter was installed. Fire Investigators looking into the cause:

5/12/2012

A BLAZE ripped through the front end of a Moorabool St house (Australia).

” Witnesses said they saw smoke pouring from a recently installed smart meter just moments before the fire started.”... “But firemen later ruled out the smart meter as being the cause of the blaze.”

Alabama whistle blower alleges fire risk from smart meters. Sensus Qui Tam Complaint

According to the lawsuit, the plaintiff is an engineer and was an AMI smart grid project manager. He alleges the smart meters were not properly tested, and were seriously flawed. He found that the Sensus iConA had a “tendency to drastically overheat, and melt or burn”. He was asked to keep quiet and was eventually terminated for failing to do so.

3/15/2012 Dunaway Paint Store in Petaluma CA, from the incident report:

“After investigation of the smoke source we found that old or faulty wire inside the conduit from the meter to the breaker box had come into contact with one another melting the smart meter and the mounting box of the meter. Some of the wood was burnt around the area as well. The smoldering of the wood and plastic over what appeared to be an extended amount of time caused the smoke in the building. PG&E was called to the scene to isolate the meter and shut down the power to the building . . .”

3/15/2012 Florida report: State Fire Marshal working with St. Lucie Fire District to review smart meter safety on Treasure Coast

“Kenny Nail is president of the property owners association at Parks Edge, where St. Lucie County Fire Chief Ron Parrish said the outside of a home adjacent a newly installed meter sustained damage Feb. 17. Nail said he wants FPL to tell its customers how many house fires have started at a smart meter, instead of just saying the meters themselves cannot start fires.

“Explain to me how a house can be sitting there 35 years, with that old meter spinning around like a top and not causing a fire, then a fire starts after a new meter is put in,” Nail said.”

3/1/2012 From Norman Lambe (LA Home and Business Insurance Examiner). “For myself, as an adjuster, I believe the Smart Meters are a real a threat to the safety of your home, business and property. I have personally worked two large homeowner fires in which the Smart Meters were determined as responsible. Also, they have been responsible for several small fires in which appliances and computers have been destroyed.”

Australia: Electrical Trades Union again calls for suspension of smart meter rollout

“THE state’s electrical union fears someone will have to die before safety concerns about controversial smart meters are addressed... The Electrical Trades Union has repeated demands to suspend the rollout until power companies commit to mounting all meters on flame-resistant boards.”

ETU secretary Dean Mighell said about half a dozen more damaged meters had “exploded” since last week in Hadfield, Coburg and Pascoe Vale. About 1700 homes in the Pascoe Vale area had been affected by power surges, he said. Power supplier Jemena has replaced six smart meters around Pascoe Vale that failed during a power surge in early January. Spokesman Scott Parker said a further 55 would be replaced by next Wednesday as a precaution.”

2/10/2012 From WPTV news: A Florida reporter, Randy wrote, “This the fire the smart meter started in my house. I am now stuck in a dispute between Honeywell and FPL. I had damage to many electrical items in my home due to massive power surges caused by the meter fire.”

2/4/2012 Victorian Premier Ted Baillieu has again defended the roll-out of smart meters, amid concerns they are causing a growing number of house fires.

Metropolitan Fire Brigade (MFB) smart meter fire review concluded they could have been caused by faulty installation. “Hamish Fitzsimmons, an ABC reporter for Lateline, raised concerns about the meters after a fire at his Northcote home on the weekend... Fitzsimmons says the fire, which started behind the smart meter, caused extensive damage to at least one room of the house.”

12/16/2011 Explosion during SmartMeter installation leaves Florida utility sub contractor with 2nd and third degree burns from arcing.

12/06/2011 Melted smart meter at heart of SF house fire

12/03/2011 Nanaimo Canada mother of two left without power for two days after Smart meter smoked and caused a power outage: BC Hydro says its the homes wiring to blame, not the Smart Meter
<http://youtu.be/9NO6w1x8UFC>

Some homeowners worry installing new 'smart meters' could spark fires
Florida TV news, Contact 5 investigates fire complaints from Smart Meters. The concern seems to be related to incompatibility between the new meters and older electrical home wiring. Florida resident, "Margie Albernaz woke up in July to the smell of smoke in her Greenacres home. "I went over to the FPL meter and it had caught on fire, it was all black smoke and charred," said Albernaz.
The report continues, "After some more digging, we discovered similar fire concerns have been reported across the country with different power companies and different brands of smart meters."
But the Florida utility assured residents that it was nothing to worry about, smart meters don't cause fires....however a spokesperson for the utility said they'd responded to 30 complaints related to meter fires and that "you could have wiring issues if you have dimming lights or power issues on one end of your home and not the other."

11/07/2011 In Australia, the Metropolitan Fire Brigade launched an official investigation into fires, linked to Smart Meters. They ordered "all firefighters to report fires, where smart meters are present and has advised officers not to allow power companies to take the meters from the scene. " Listen to the audio for more information at this site: <http://www.3aw.com.au/blogs/breaking-news-blog/fires-linked-to-smart-meters/20111107-1n2jz.html>

10/04/2011 Toronto Sun Pickering smart meter explodes. Worse, couple may have to pay for replacement.

9/29/2011 Smart meter leaves owners dumbfounded
After an attempted smart meter installation went bad, a British Columbia Canada home was left with no power, and the utility company told them they had to hire an electrician to fix the problem. "It is really upsetting," Rieke told The Richmond Review. "They're trying to tell you you're at fault, that it's a fire hazard and that you're responsible."
The article states, "During the installation, one of the four clips that connects the smart meter to the home's electrical wiring, inexplicably snapped off."

Palo Alto Power surge, raises questions about Smart Meters, "a good example of how sometimes the old way is the good way".
"Mindy Spatt, communications director for The Utility Reform Network (TURN), said the utility-consumer advocacy group received many complaints about surges damaging appliances when the SmartMeters were first installed. In the best-case scenario, the event in East Palo Alto is an additional cause for concern, she said."
Comparing analog to the new meters, she added, "In the collective memory of TURN, we have not seen similar incidents with analog meters."

Fridge blows after smart meter installed
Canadian News reports an 81 year old's refrigerator failed minutes after a Smart Meter was installed.

<http://youtu.be/Xtcw4hgvgU8>

From You Tube:

"This is the aftermath of one of those new smart meters not being properly installed. The guy who installed it did not know what he was doing and caused the main electric line to the box to become loose and over time it ended up touching the electric meter/box casing causing a fire and a huge firework festival on the side of our house. If I was not home we would have lost the house and our 3 dogs. We are NOT happy with our electric company and we were NOT given a choice if we wanted the smart meter or not.
You can see on the front of the box where the wire touched and started the whole fiasco. Mind you the electric company when I called in the next day as instructed to claimed it was our fault and we'd have to pay for repairs. We aren't paying for a darn thing and we will be filing a claim with the electric company. Thanks to them I can hardly sleep now and I am paranoid beyond belief."

Action Line: Remodeler finds SmartMeter interference with circuit breakers

By Dennis Rockstroh of mercurynews.com Posted: 09/12/2010

Q One item you did not cover in your Sept. 7 SmartMeter article was interference with arc-fault circuit interrupters (AFCI).

This is a type of circuit breaker that code requires in new and remodel construction. Its job is to detect arcing, which has been shown to be a cause of fires. Normal circuit breakers will not always break when arcing occurs. If arcing is detected by the AFCI, the breaker trips, stopping the potentially dangerous arc. Long story short, I did some remodeling recently. City code required that I use an AFCI for one of the bedroom circuits that was being remodeled. Some weeks after I completed the remodel, the AFCI started tripping. This meant I had to inspect each junction box and outlet to determine where an arc might be occurring.

Coincidentally, the problem started not long after a SmartMeter was installed toward the end of the remodel. Finally, after severe frustration, I phoned PG&E for help on this matter. A crew came out and looked at the AFCI breaker for a few seconds. One went to the truck and came back with a conventional meter, a mechanically driven version, and swapped it for the SmartMeter that was installed some days before. It took some prodding, but eventually one of the PG&E crew told me that they have been observing that AFCIs are sensitive to the meter's radio transmissions.

Dave Zittin, San Jose CA

Electrician Steps Up When CenterPoint Won't

Houston Texas News report on another situation where a new wireless utility meter has exploded.

According to the article, "The power company not only refuses to fix the meter case that left Vallain's [A Houston Grandmother] family without power, but now representatives say the problem never happened.

"They said it was never an explosion, and my granddaughter and I saw it, and he [the Centerpoint technician] jumped back himself," Vallain said. "

Appling Family Blames House Fire On Georgia Power Meter- News Video

According to this news article a Georgia family is displaced by a house fire, the fire department says it was an electrical accident, and the family blames the new Smart Meters installed two weeks ago.

"The Burns family was watching TV when the fire started around 10:00 a.m. Monday morning. Family members say sparks started flying from the TV and power box. Around the same time, down the street, another homeowner's TV reportedly started sparking and smoking. A daughter says their electrical problems started after Georgia Power installed new meters. Angela Dent, Appling, GA: "That's when we noticed the changes. It also happened at my brother's house...his TV's have been acting strange...popping and surging in and out...her lights have been dimming also."

PG&E recently installed 'smart' meters in my neighborhood. They do not tell you when they will come, but warn you to shut off things like computers that might be damaged when power is restored. When I arrived home, I only had power in my kitchen. The PGE repairman said that installation of smart meters was frying many meter receiver boxes. He was not qualified to fix it, and the power remained off for another 24 hours while PGE scheduled a qualified repairman to come out. Apparently this result is common in older subdivisions (mine was built around 1975) when the smart meters were installed. The older boxes, due to wear and age, burned out when PGE put in the new meters. The disturbing thing is that PGE will NOT replace the burned out boxes -they send out a guy with a box of spare parts, who cobbles together a sort of replica of the old box. I wonder how many home fires will result from PGE's installation of the no-so-Smart meters. (CPUC Complaint, 11/2009, Concord CA)

The following letter and photo were sent to the EMF Safety Network from a California fire department captain (Ross) who saved his home from a potential Smart Meter fire in 2009. PG&E has admitted that Smart Meters have interfered with GFI's and AFCI's, but they have not admitted to any connection with a Smart Meter fire. Smart Meter Arcing Hazard

After a Smart Meter was installed in this Florida woman's home she said the meter "caught fire and fried my beautiful new kitchen" – over \$31,000 in damages to many of her home appliances. The Florida power company refuses to take the blame. See this video: Help Me Howard, FPL Smartmeter

The following reader comments were posted on the above online story:

(Boater39) "In our apartment complex, we had a fire last week at our sprinkler pump. Afterwards, I went to investigate and it was the electric meter that burned up. Took out decent-sized FP&L feeder in the process. I have an electrical background, and from my professional experience, whatever caused the meter to burn up was a dead short carrying a very large amount of current. Based on the damage, the problem was AT THE METER—not at the customer equipment attached to the meter. (like I said, I have professional experience). At the time I found it strange, until I saw this report on TV.... I will be sending some pictures to Patrick today—they can use them on whatever followup they want. It appears that we have a major design flaw with these new meters!!!!!!!!!!!!!!"

(Jenny White) "After FPL installed the new meter at my dad's house all his wires were burned as well and the house almost caught on fire. The problem is those new meter."

(April) "I too had my smartmeter burn out and had a hell of a time getting FPL to fix everything. Their meter burned the wiring in my home behind the box that they said was up to me to get fixed on my own and that they could only repair the meter and wires from the pole to the box. I had 2 electricians come out and they said it was an FPL problem. Ended up there is an outside company that installs the meters for FPL and they ended up paying for my problem after FPL denied my claim for them to pay for the damages."

Fire Tears Through Cutlet Bay Home A family in Florida suspects a Smart Meter was the cause of their house fire. According to the article, "Fire investigators have not released the cause of the blaze. A relative told Local 10 the family believes a recently installed Smart Meter may have started the fire. Florida Power and Light says the company will investigate the allegation..."

In Houston Texas, "Local 2 investigates Smart Meter fires" reports they looked into homeowners complaints of Smart Meter fires and found some people are left with no electricity and major damage to their homes, including burnt out appliances after a Smart Meter has been installed by the utility. See Video. "Charles Phillips saw smoke coming from the transformer in his backyard one morning last November. When he went out to inspect the damage, he said he saw a CenterPoint Energy contractor at his meter box with a fire extinguisher. He told me it had caught on fire, Phillips said." "Inside Phillip's home, two TVs were fried, his air conditioner and garage door opener stopped working, and all of the wires and cables hooked up to his electronics were melted from the jolt his electronics took when a fire sparked after the installer removed his old meter. Phillips was left with a total of about \$2,500 in damages."

According to the article, Centerpoint, the utility for Houston Texas, has admitted the connection between fire risk and Smart Meters, stating there has been less than 100 problems. "CenterPoint's LeBlanc said the problem is mostly in older homes where wiring is not up to code or something has caused a strain on the wires running into the meter box."

Powercor, a utility company in Australia recognizes the safety risk from Smart Meters, stating, "A defect notice is issued when a wiring safety issue is identified. The defect may be identified before or during the smart meter installation or during the testing that we must do before reconnecting the electricity supply. If you are given a defect notice, you will need a registered electrical contractor to rectify the defect and issue a Certificate of Electrical Safety."

Texas Consumer Complaint: Three months ago, Centerpoint installed a smart meter at my home. Since then, I have been experiencing very frequent power outages in different parts of my home. I cannot even turn on my air condition since the power flow is not reliable. I am 64 years old and retired, living on a fixed income. I have called centerpoint numerous times and they have not admitted responsibility and tell me that I am responsible to fix the this issue which is a fire hazard as well. I have consulted with two different experienced electricians and they have told me that when a centerpoint technician installed the smart meter, the 4 prong male connection that plugs into the smart meter was not inserted correctly and he must of forced it in which caused one of the prongs to go bad and burn out. So I now know what is causing the so frequent power outages, but Centerpoint Reps will not take responsibility for the problem that they created. I have been living in my home for 24 years and never have had this occur. This is not a coincidence, How come this problem surfaced once the new smart meter was installed? We all know the truth, I will keep calling centerpoint and I am in the process of filing a formal complaint with texas state regulators.

Oncor Changing Smart Meter Installation After Fires “The Chief Executive Officer of Oncor says the company has a new procedure for installation of smart meters after two house fires in Arlington last week. Robert Shapard says old wiring in two homes could not support the new smart meters. The company now cuts power to the house while the meters are being installed...then as the change is made...electricians check the wiring to make sure there aren’t any problems.”

Reader comment posted on the above story by (Renee Callahan) “My mother had the “new smart meter” installed about a month ago. Since then she has had trouble with the lights blinking on and off. So on this past Friday (sept 17) she called TXU about the problem.They sent Oncor out late that evening while she was gone. Imagine the suprise she had when she returned home late with groceries and NO POWER! A note was on her front door saying...lugs in meter base need to be replaced fire hazard call back when repairs are made we will restore serv[ice]. After several calls to TXU ,ONCOR(representatives were very rude)she was told that she needed to find an electrician to fix problem at her expense. My mother is disabled and elderly and my sister who also lives with her is disabled. Because this was after hours more fees were charged..a total of\$1483.66 to fix this problem that was caused by ONCOR because they decided to put in “smart meter”If there was a problem with lugs,was this not noticed when they were installing “smart meter” or simply that problem didn’t exist until installation of “smart meter”? So here it is 1:35 Monday afternoon and still no power. We are waiting for inspection then we can notify Oncor to have power restored. This is so wrong. These older homes are not equipped to handle these “smart meters”. So why put them in homes that are older and most likely are senior citizens living there and they are on fixed incomes. Something is so wrong with this picture. ...”

5/31/2011 Some blame ‘smart’ meter for Portland restaurant fire

“PORTLAND, Maine— A small fire on May 25 at El Rayo, a York Street Mexican restaurant, was blamed on an electrical problem. But some people are saying there’s more to the fire than a simple wiring issue. Central Maine Power Co.’s vendor had installed a “smart” electrical meter on the building in January. The fire broke out in the electrical box where the meter connects to the building. “Sorry for being closed at lunch. CMP’s allegedly smart meter caught fire and shut us down all day,” the restaurant posted May 25 on Facebook.”

Electrical fire causes power outage at Coddington JC Penney store

JC Penney closes after another electrical panel explodes in Santa Rosa Coddington mall, the third reported electrical panel fire in Santa Rosa within a few weeks. Although the newspaper article does not report it, the manager of the store confirmed these were smart meters involved in the explosion and fire. “The JC Penney store at Santa Rosa’s Coddington shopping center remained closed on Thursday afternoon because of an early morning electrical explosion and fire that cut off power to the store, fire officials said... An electrical panel in a utility room had exploded and begun burning, sending smoke into the first and second floors of the building, fire officials said.”

3 PG&E Smart Meters Explode at Santa Rosa Mall

April 7, 2011 According to the incident report from the Santa Rosa Fire Department on April 7, firefighters found the electrical room at the Santa Rosa Mall “charged with smoke” and “upon investigation found 3 PG&E meters that had blown off the electrical panel causing damage to the interior wiring of the electrical panel. A fire was still smoldering..”

The cause of the fire is listed as equipment failure and arcing coming from the switchgear area, and transformer vault.

El Cerrito Smart Meter Catches Fire El Cerrito CA Fire Dept Report

Smart Meter was reported to catch fire and was still sparking when the fire crew arrived.

Commentary by electrical contractor Lance Houston Unknown: Safety of New Disconnect Switch in Smart Meters: CPUC Meter Safety Testing Confirmation Needed.

Smart Meter Explodes in Oregon, comment from Stop Smart Meters.org “I didn’t know that I had a smart meter until it blew up on 08/12/2010! I am an Oregon PG&E customer, now victim. I want to know if anyone else has seen a smart meter blow up. It threw flames out and black smoke was in the air for hours. I

called PG&E, but they said it wasn't possible for a meter to explode. I wrote letters, called many times, but they said that they were too busy to come look at meter. For five months it sat there black and the house black also from the blast. I had to be taken to the Dr. because the blast knocked me down onto the cement. My doctor has referred me to a specialist. I have never had health problems. Now I have severe pain running through the nerves of the right side of my body. I can only walk with crutches now and only sleep two to four hours per night. The bills continue to go higher each month, and my bill says "estimated usage." Anon, Oregon

"VICTORIA'S [Australia] energy regulator has conceded smart meter contractors might lack required skills and is reviewing the qualifications of workers rolling out the \$2 billion scheme. The Sunday Age [newspaper] can also reveal that, in the course of their work, smart meter installers have identified dangerous and possibly life-threatening electrical hazards in 3500 Victorian homes. Smart Meter Shock: electrical hazards found in 3500 homes

"When PG&E installed their SmartMeters on my duplex in Sunnyvale they almost burned the place down. All the power plugs had burned insulation and wires where the wires connected to the plug receptacle in one of the units. PG&E's SmartMeters are a safety hazard and any good judge would stop PG&E before more people are hurt and more property is damaged." Michael E. Boyd –President, Californians for Renewable Energy, Inc.

SPARKS in Oregon! On November 8th, 2010 Anonymous (not verified) says: "The smart meter that was installed two months ago sparked and made exploding noises. I am still getting a bill. However, after that last boom with fire sparks, I am sure it isn't running. I can't see inside the meter because the front of it is black now! I am going to let it sit there for a while and see if the bill continues to rise drastically. I haven't seen anymore sparks since the last big one. I am assuming my rising PG&E bill is created by the "energy fairy" at PG&E!

State of Maine Utility CMP Supervisor admits finding Smart Meter fire hazards Media report Russ Farwell, a CMP unit supervisor, said the technicians are actually discovering more possible fire hazards than the company anticipated, and informing customers of dangers they otherwise would not have known existed. He said, so far, they have discovered 70 to 80 electrical issues in the Portland area. "I didn't think they'd find that many," he said.

"Farwell said recently a customer's television was destroyed during a meter replacement because the man allegedly did not come to the door when a technician knocked and then left the television on during the meter change.

Media Report: Danville (Virginia) Woman says meter is a fire hazard " Kari Pyrtle says the meter, provided by the city, actually exploded and that it could have set her whole house on fire. The incident happened back on October 8, 2010.

"We were getting up, getting ready for school and for work," said Kari Pyrtle, a Danville resident. "All of the sudden the lights started flickering on and off and we hit the breaker box. Go outside and we could smell electrical burning. And we looked and our whole smart meter was turning black."

Fires Spark During Smart Meter Installations

ARLINGTON – Smart meter installations are being blamed for two house fires in Arlington this week. The problem isn't the meters themselves, but instead what's happening to electrical wiring.

The first fire happened Monday on Brook Hill Lane and the second happened Tuesday on Grants Parkway. Arlington fire investigator Morkita Anthony found that when the old meters were pulled out, the main electric feeds to the houses were accidentally pulled as well. "

What it's doing is making contact somehow with the electric box or the wiring inside and causing a short, which is causing a fire," Anthony said.

Smart meter fire reported in Canada: " The smart meter on the side of my house caught fire and per the Fire Inspector said it was the cause of the fire. Hydro came and took the meter saying it was their property. Who is at fault and if their property burnt my house why should I have to pay my deductible and risk my insurance to go up? Will my insurance go after the Hydro company? Should I get a good Lawyer? "

Media Report: Vacuum Shop Fire Raises Smart Meter Questions “There may have been warning signs that the electrical system wasn’t working properly before the 6:30 a.m. fire. Rawles and a friend of his, offshore crane operator Ty Allen, both said the remote meter appeared to have stopped working months before the fire. Rawles said calls to the utility went ignored.

Allen also described unusual marks on the meter before it caught fire. “It looked like it’d been hot or burned inside the meter,” he said.

“An incident report filed by the Bakersfield Fire Department the day of the fire appears to blame the meter. It said department personnel arrived at the scene and found “a problem with the electric service meter.” “The meter had appeared to failed and shorted out causing arcing,” according to a copy of the report.”

Berkeley Fire Department Report: Smart Meter Fire It states, “Investigation revealed the newly installed PG&E Smart Meter in the kitchen was hot to touch and smoking, with a orange glow inside the meter housing”

The issue was turned over to PG&E.

The following scan of the Berkeley fire department report is a large file and may take a long time to load:
Berkeley Smart Meter Fire

The Utility Reform Network: Are Smart Meters a Better Way to do Business? “They have shorted out appliances, they’ve caught fire, they interfere with garage door openers or security systems.” said Mark Toney of the Utility Reform Network.

Modesto Irrigation District Finally Comes Clean About Smart Meters | THE VOICE OF MODESTO. The original article has been removed. More info [HERE](#).

Meters caused GFI problems-MID spent over \$138,000.00 in overtime repairs to homes where the meters caused the GFI circuit breaker to trip causing service disruption for the homeowner. Modesto’s Head Electrical Inspector said while the people changing home wiring weren’t electricians, that it was the same as having a handyman in your home redoing the wiring so no inspection was needed, and that the homeowner assumed responsibility for the repairs. MID made the claim they weren’t aware of any homeowners paying for their own repairs, but if the homeowner didn’t know MID was at fault, they wouldn’t have contacted them.

From New Zealand: Fire Prone Meter Boxes causing Concern

“Front line firefighters are concerned about the number of household power meter boxes that are bursting into flames.

There have been 67 callouts in Christchurch to electrical malfunctions so far this year, and new smart meters have been involved in three in the last five days. Graham Hobbs considers himself lucky. He was woken at 4:30am to find his smart meter on fire. “I lifted this up it was still glowing and smoking, and slammed it shut to try and seal it off.” The following night Kelvin Dixon, who lives nearby, suffered a similar fate. “I pulled into my drive way and found my meter box on fire great amounts of smoke.” Mr Dixon is a registered electrician and says the contactor that sits beneath the smart meter caught fire and melted.”

PG&E Report: “During the second quarter of 2009, PG&E discovered a limited number of cases of SmartMeter™ radio interference with customer electronics, including ground fault circuit interrupters (GFCI) and arc fault circuit interrupters (AFCI). In response, PG&E implemented a policy to defer meter installations at customer premises that PG&E is aware could potentially be affected by radio frequency interference. PG&E plans to install an adjustable voltage meter to prevent potential interference at these recorded locations. These adjustable meters are currently in final acceptance testing at PG&E. Upon final acceptance and approval, a schedule will be developed to deploy these meters at the premises where installation was deferred.” Pages 6-7 Advanced Metering Infrastructure; January 2010 Semi-Annual Assessment Report and SmartMeter™

Program Quarterly Report (Updated), Pacific Gas and Electric Company. Updated Semi-Annual AMI Report_Jan_2010-12

Online reader comment: “As a newspaper editor in little ole Cleburne County, Alabama we come out tomorrow with a story on a house which may have burned down because of a smart meter, another incident of a meter apparently getting so hot it almost burned along with circuit panel inside the home and people being told either by installer or power co that if they did not replace all the wiring in their home that the meter would indeed cause a fire!!!! I am told by a commercial builder that some meters may be faulty and allow 300-440 volts in on a home’s 220 and 110 lines. We’re seeing problems out here of burn outs in appliances, meltdowns of hair dryers, kitchen appliance , and a number of high-end electronics getting zapped. Goodbye Bose radio, goodbye wide, wide screen tv and see if the utility cos are going to pay for those items – don’t think so!” Link to news article

Electrical Fires reported in Georgia 2009 <http://stopsmartmeters.org/wp-content/uploads/2012/01/Electrical-fires-Georgia-Feb2009.pdf>

Media report on a Smart Meter fire in Bakersfield. “Smart Meter Blows Up At Business”
“On Wednesday, a PG&E technician was called out to replace the meter after employees found the device burned up and lying on the ground. . . .” Basically it was an explosion. I saw the meter on the ground and the face plate was blew off and the whole meter was blackened. Even the breaker box that housed the meter was blackened by what seemed to be an electrical short,” said Vernon Nelson, an employee. Another employee wondered how safe the meters are in general, especially for residential families? ABC 23 contacted PG&E who said they are not aware of any smart meters catching fire or blowing up. However the PG&E technician told the employee as he was replacing the meter, that he had replaced at least 15 meters around town due to the same problem they had, said an employee.”

More Smart Meter Fires stories: [Coalition to Stop Smart Meters](#)

Wireless Smart Meters and Potential for Electrical Fires

Commentary by Cindy Sage, Sage Associates and James J. Biergiel, EMF Electrical Consultant July 2010
Typical gauge electrical wiring that provides electricity to buildings (60 Hz power) is not constructed or intended to carry high frequency harmonics that are increasingly present on normal electrical wiring. The exponential increase in use of appliances, variable speed motors, office and computer equipment and wireless technologies has greatly increased these harmonics in community electrical grids and the buildings they serve with electricity. Harmonics are higher frequencies than 60 Hz that carry more energy, and ride along on the electrical wiring in bursts. Radio frequency (RF) is an unintentional by-product on this electrical wiring.

It may be contributing to electrical fires where there is a weak spot (older wiring, undersized neutrals for the electrical load, poor grounding, use of aluminum conductors, etc.). The use of smart meters will place an entirely new and significantly increased burden on existing electrical wiring because of the very short, very high intensity wireless emissions (radio frequency bursts) that the meters produce to signal the utility about energy usage.

There have now been electrical fires reported where smart meters have been installed in several counties in California, in Alabama, and in other countries like New Zealand. Reports detail that the meters themselves can smoke, smolder and catch fire, they can explode, or they can simply create overcurrent conditions on the electrical circuits.

Electrical wiring it is not sized for the amount of energy that radio frequency and microwave radiation. These unintended signals that can come from new wireless sources of many kinds are particularly a worry for the new smart meters that produce very high intensity radio frequency energy in short bursts. Electrical fires are likely to be a potential problem.

Electrical wiring was never intended to carry this – what amounts to an RF pollutant – on the wiring. The higher the frequency, the greater the energy contained. It’s not the voltage, but it is the current that matters. RF harmonics on electrical systems can come from computers, printers, FAX machines, electronic ballasts and other sources like variable speed motors and appliances that distort the normal, smooth 60 hertz sine wave of electrical power and put bursts of higher energy RF onto the wiring.

Wireless smart meters don’t intentionally use the electrical system to send their RF signal back to the utility

(to report energy usage, etc). But, when the wireless signal is produced in the meter... it boomerangs around on all the conductive components and can be coupled onto the wiring, water and gas lines, etc. where it can be carried to other parts of the residence or building.

It is an over-current condition on the wiring. It produces heat where the neutral cannot properly handle it. The location of the fire does NOT have to be in close proximity to the main electrical panel where the smart meter is installed.

A forensic team investigating any electrical fire should now be looking for connections to smart meters as a possible contributing factor to fires. Every electrical fire should be investigated for the presence of smart meter installation. Were smart meters installed anywhere in the main electrical panel for this building? For fires that are 'unexplained' or termed electrical in nature, fire inspectors should check whether smart meters were installed within the last year or so at the main panel serving the buildings. They should question contractors and electricians who may have observed damage from the fire such as damage along a neutral, melted aluminum conductor or other evidence that would imply an overcurrent condition. They should also look for a scorched or burned smart meter, or burn or smoke damage to the area around the smart meter. Problems may be seen immediately, with a smart meter smoking or exploding. Or, it may be months before the right conditions prevail and a neutral circuit overloads and causes a fire. The fire may or may not be right at the smart meter. Some questions that should be asked include:

Were smart meters installed in the main electrical panel for this building? Problems may be seen immediately, with a smart meter smoking or exploding. Or, it may be months before the right conditions prevail and a neutral circuit overloads and causes a fire. The fire may or may not be at the smart meter. Any smart meter installed in a main panel might start an electrical fire in that building; it would not be necessary for the unit itself to have a smart meter. The RF emissions from any smart meter in the main panel might trigger an electrical fire at any location in the building served by this main panel because harmonics can and will travel anywhere on electrical wiring of that building.

Is there damage at the smart meter itself (burning, scorching, explosion)?

Was there fire damage, a source, or a suspicious area around the neutral where it connected to the main panel or at the breaker panel?

Was the damage around a lug at a connection on the neutral conductor in the attic at Xanadu? Was there any indication of heating or scorching or other thermal damage around the neutral in the area of the fire?

Was aluminum conductor present? Aluminum conductors that were installed in the '70s are today recognized as more of a problem for heating than copper wire. Was the aluminum, if present, showing heat damage or melting?

Even before smart meters were being installed widely in California, people who know something about EMF and RF were expressing concerns that this kind of thing would likely happen (electrical fires due to overcurrent condition from RF signal). What is already postulated, and of concern, is that the rising use of equipment that put RF harmonics onto the electrical wiring of buildings may overload that wiring. Faulty wiring, faulty grounding or over-burdened electrical wiring may be unable to take the additional energy load.

48 Responses to Smart Meter Fires and Explosions

Brian Dafferner says:

May 20, 2011 at 7:44 am

Smart meters fires are now occurring in Houston as well through Centerpoint. I had to pay \$875 after a smart meter caused a fire at the meter box. A third party installer North Houston Pole Line did the installation work. According to Centerpoint, a hang tag is supposed to be placed in situations where older electrical wiring is present. Apparently, older wiring can cause fires during the installation process. I was told by Centerpoint that the meter box needed to be up to date and they denied my claim. I also know of someone whose appliances burned out following a surge caused by a smart meter install. I wound up using an attorney who was able to recover my costs. He is now specializing in these cases since they are popping up all over the country causing property damage and physical harm. Contact Brad Leigh at the Leigh Law Firm (281) 419-3476.

Raymond velez says:

June 1, 2011 at 12:33 pm

i had problems with the smart meter too.....i live in Chicago after they installed the meter i had problems

with my lights going off and on in the house called Comed they send someone to look at it...they tightened up some screws said problem solved. Couple days later same problem called Comed again they said get an electrician to look at itMake a long story short it finally caught on fire the meter and my electric box lucky i was home to turn it off.....they told me since it was in my house it was my problem i had to fix it....but it was there fault for installing the smart meter they should know better than to install them thing in houses that cant handle the outage....I wana know if i can sue them

Sandi says:

June 1, 2011 at 1:09 pm

Yes, you can sue-see the comment on this page where an attorney has sued and won a case.

NapervilleSmartMeterAwareness says:

June 12, 2011 at 9:03 pm

At Raymond Velez: Just read your post about your house fire. I'm sorry to read your problems about your Smart Meter that ComEd installed. I hope you seek a lawyer to assist you in getting your damages paid for. We are in Naperville and fighting our city's plan to install the Smart Meters. Talk to all your friends and neighbors. Try to keep ComEd from spreading these smart meters throughout Chicagoland. There is so much risk, even more than fire. Best of luck.

Linda Ferrari says:

June 19, 2011 at 9:34 am

They put a smart meter on bedroom wall of a cabin I have been renting for 18 years. It is partway into the wall, a board and batting wall. The first night I was awakened with a wave of energy going through my body. I could imagine my body, the internal rib cavity as it passed through and upwards through my head. I was scared. I have moved into the living room to sleep, it happened again. I have shrouded the smart meter with tinfoil to interfere with the microwaves. I have talked to three idiots reading from scripts at PG&E. The last one said, "It only lasts 45 seconds." I want to tell him to put his balls into a microwave for 45 seconds and see how it feels. Any other help?

Maryling Gonzalez says:

June 22, 2011 at 5:37 am

We had a Smartmeter installed in our home. On April 8th, at 5:3 AM, our lights started flickering, luckily my husband is an early riser. He hurried over to the inside electric box and saw it explode. The Smartmeter exploded as well. The rest of the family was able to get out safely, but our house is a total loss. An FPL representative arrived at our house before the fire department did!

I have heard several stories of people saying that their house caught fire after the Smartmeter was installed. Check out what my home looks like now.

Go to this link:

<http://www.miamidade.gov/building/regulation.asp>

PUT IN FOLIO NO.30-5912-002-0830, PRESS SUBMIT, THEN ON THE NEXT PAGE PRESS GO, SCROLL DOWN. Pretty sad, huh?

Jacqueline says:

July 11, 2011 at 11:23 pm

My old meter was defect and Portland General Electric replaced it with a "smart meter". It exploded two weeks later as I walked out my front door. It covered the porch with heavy black smoke and threw me down to the cement. I called PGE seven times and told them that the meter exploded. Each time I called the employees used the same phrase, "smart meters do not explode". They decided to come out and look at the black meter and burned wall on my house five months later because I complained about the extremely high bill. However, before they came to inspect meter they hit the "kill switch" and left me without electricity for eleven hours in 20 degree weather. I put up a barrier on the porch with a sign that said, "Warning. Do not pass this chair. Meter has Exploded". PGE is now blaming me for the explosion! Why? I don't know. There was a PGE inspector's business card on my front door last week that had a note on the back stating, "You will pay for all tampered meters. You will die." I called this man and asked why he would threaten my life. He said, I didn't mean to write "die". Yes, I have been threatened by Portland General Electric.

Evelyn Gray says:

August 11, 2011 at 4:58 pm

My son just lost everything He owned when his mobile home caught on fire. He had been living there for two months without electricity due to being laid off from his job and his unemployment running out. I signed for his power to be reconnected. I couldn't bear to see him living like that any longer. Within less than an hour everything was gone, and his pit bull was

suffering from severe burns and smoke inhalation. We still don't know if Jedamiah (the dog) is going to make it. Audie (my son) was laid off his job that mourning, almost went to prison over \$.50 still owed on his legal fees. The power company assumes no responsibility for the fire (Blue Ridge Electric). I don't know if the meter was a smart meter, but it was installed last year. My point being that while the cause of the fire was undetermined because of structural damage, it did not catch fire also had an explosion until the power was reconnected. You tell me. The power company now wants a \$60.00 reconnect fee. FAT CHANCE!.

All this happened on August 10, 2011. AUDIE TURNED 42 ON AUGUST 10, 2011.

Audie's Mom

Mia Nony says:

August 16, 2011 at 5:18 pm

Look at it this way. Your taxes paid for the meter that harmed you all. Special legislation does not exempt utility corps from illegal use of a frequency weapon to inflict trespass and harm.

Time to stand up for yourselves.

I hear that ebay and electricity shops are good places to buy an analog meter for about \$60. And besides, given that smart meters are illegal, just go get the analog meter installed by any electrician who is willing and who already KNOWS these are illegal devices warned against by the WHO. Then immediately lock that analog meter up tight so thoroughly that no metal saw can get at or shear through the carriage bolts that go inside your home, that no bolt cutters can cut chains, padlocks. Just make it securitized so that no pry bar can remove the good old fashioned mechanical device that is good for 30 years instead of 8.

et says:

August 17, 2011 at 1:15 am

that happened to me at work one of my neighbors house caught on fire a day and a half after they installed it . got evacuated in the motor home park i work at as a in home nurses assistant.

ryan elson says:

August 27, 2011 at 2:15 pm

coming soon, debtors prisons, after the government makes sure everybody owes something.

goldberg says:

September 12, 2011 at 4:55 am

they are unsafeit is with suspicion that i view this implementation of these metrs...even a plan to stagger the emissions from these things to 1 in every 30 houses and on to every 2nd house every 30 days etc...but this is not to be as the ridiculous ness of these things going off every minute for what ? ...they only need to go on every 30 days for 10 seconds to transmit the months usage ...what a bunch of bull shit that you get to log on to your meters usage site to see how you use electricity ,,gee willacers ,really ,,this is stupid and specious on the face of the damaging evidence of severe health problems associated with the meters...stalin could not have set up a better way to anihilate 10's of millions of people with radiation..on top of wifis,,cell towers ,cfl bulbs that emit 30,000 hertz noise waves, etc....yeah i cant wait to log onto my site so i can participate in my own demise ,,come up with a safer way to collect energy data or go straight to hell pg\$e

Mississippi Coal says:

November 11, 2011 at 10:33 am

Smart Meter fire reported in Diamondhead Mississippi, November 4th, 2011. The Diamndhead fire department and Coast Electric reported to the scene. No injuries or house damage reported.

admin says:

November 11, 2011 at 6:08 pm

Thanks for posting. Can you obtain a copy of the fire dept report?

Keith says:

November 16, 2011 at 9:04 am

I am currently having trouble with the socket where electricity is supplied to the meter heating up and causing power surges. FPL and their subcontractor Wilco is denying it has anything to do with them installing a new smartmeter and the underground supply wire subsequently frying. I'm having trouble getting an electrician to work on it and Wilco will do nothing. Is there anything I can do?

admin says:

November 16, 2011 at 9:55 am

This is dangerous. If your utility will not do anything, there are places to purchase an analog meter as I suspect you did not have this problem before?

<http://www.hialeahmeter.com/siphwame.html>

Mar says:

December 19, 2011 at 2:49 pm

New smart meter explosion.

http://www.justicenewsflash.com/2011/12/19/electrical-explosion-at-naples-bay-resort-injures-1_201112199285.html

Burn Center says:

January 26, 2012 at 12:12 am

Grossman Burn Center 2615 Chester Avenue, Bakersfield, CA 93301-2014 (661) 869-6135 sjch.us

serena says:

February 22, 2012 at 3:38 pm

It happened to me.. and i don't have a right to sue because state farm is the ins. company and they decided not to persue it... they decided not to persue because there is no study proving these fires, just numerous reports.. and it would cost them more money now then they would get back.. what about the people who could die in each additional fire.

Molon Labe says:

February 25, 2012 at 11:42 am

I don't think these so called smart meters have Underwriter's Laboratories Certification. I think this may be a loop hole for the insurance companies to use to refuse a claim..

frank walker says:

February 27, 2012 at 4:18 pm

rincon georgia-feb 26th 2012 10pm, brother in laws house burns up, everyone got out alive. they heard loud popping sounds and smelled smoke. fire is out by 11 pm. strangely, in the commotion, no one saw georgia power come in, remove the meter and meter cover, and de-energise the incoming underground electrical line, and then leave, unannounced and unnoticed with the smart meter and cover plate. the next day, when called, they did admitt to being dispatched and removing the equipment in question. no one there saw them, no one knew the power line was off comming into the line side of the meter base, and the meter base cover should have been left on the meter base. the fire started right in front of the meter, on the ground.

admin says:

February 27, 2012 at 5:13 pm

Did you you report this to the fire dept and fire inspector?

Edward Strine says:

March 1, 2012 at 10:35 am

We had a short in our smoke alarm and lost power to our master bedroom smoke alarm. My wife and I have also have had headaches at the same time, I rarely get headaches. This all started happening after our smart meter reader was installed.

Anonymous says:

March 5, 2012 at 11:35 am

THIS INFORMATION IS UNVERIFIED AND I DO NOT KNOW WHAT BRAND OF SMART METER NV ENERGY IN NEVADA IS ACTUALLY USING...BUT IF THIS INFORMATION I READ ON THE "NET" HAS ANY TRUTH TO IT WHAT-SO-EVER, IT WARRANTS FURTHER LOOKING INTO.

According to the Smart Meters I have seen they appear to be a Sensus brand smart meter. I do not know if these are the original smart meters or the current ones being installed by NV Energy...but I have learned that the Sensus brand smart meter does lacks UL Certification.

- From what I read online many of the smart meters being installed around the country also lack UL Certification.

According to Underwriter Laboratories the standard meter manufactured by Sensus are certified by Underwriter Laboratories but the Smart Meters are NOT! This has me concerned.

- I have read online that some people are learning after the fact that some of the home owner/renters policies and home warranty policies are NOT covering damage claims to in-home electrical systems, HVAC, appliances, electrical fires, etc. if an uncertified smart meter was already installed at the time of the damage.

This is way above my pay grade but it is an interesting information and makes one ponder if a

homeowner's policy or home warranty policy disallows a claim due to an uncertified smart meter, does that make the various electric companies culpable for any/all damages if they are in fact using uncertified smart meters??

If this is the case...how were uncertified meters ever approved by the Nevada PUC in the first place.

admin says:

March 14, 2012 at 10:07 am

A man from Red Bluff called today to talk about how he believes the smart meter, installed 6 weeks prior caused his house to burn down in May 2011. His insurance company, Nationwide, has paid for the damages, then Nationwide started a lawsuit against PG&E, but withdrew it in 3 months. Every breaker in the electric panel was tripped, and the meter may have exploded. (sounds like arcing) His house was built in 1985. He said PG&E has denied the smart meter caused the fire.

ANGE says:

April 1, 2012 at 1:38 am

Just recieved a new smartmeter. Not great lights have started to flicker the next day. We really are being stooged. The people must revolt against all this injustice.

Jodi McCluskey says:

April 14, 2012 at 1:33 pm

I lived in Laguna Woods, CA until the house burned down on April 3, 2012. Absolutely caused by arcing from the new smart meter. This community of 12,000+ was built in the 60's and has wiring and breakers that are a half a century old!

Powerful high-tec meters on ancient wiring. The management company, PCM, is not warning the residents of the dangers. How many people are going to have to be injured or die before they finally take their heads out of the sand?

Concerned Daughter says:

June 23, 2012 at 10:07 pm

About 3 weeks ago my Mom who is 76 was at home, when power went out sporadically throughout the house, no breakers were blown. The lights in the living room tv had power. the small bedroom was without power, the bathroom, parts of my brothers room, her overhead light in her room and the appliances in the kitchen. That caused her fridge to stop working. The electric company came out took a look and said that the smart meter had a wire that had come loose or wasn't properly attached which caused this. He supposedly fixed the problem. twelve days later there was a popping noise and smoke shortly after fire. The electric company same man mind you came out for that as well. he is tryin to blame her wiring and box someone must have stuffed cotton down in it he said. The fire marshal told her it started at the smart meter. There have been 4 fires in a week in a small town of about 6000 that were far worse than hers. Which seems kinda high if you ask me. luckily she lives less than 2 miles from the fire station or her house would have been gone as well. Thankfully it was around 7:30 pm instead of the middle of the night. She lost everything that was in the room which was a lot to due smoke and water damage. Was without power for 6 days and lost all perishable food. Please due something about these smart meters before it is to late!

Bonnie Medd says:

July 31, 2012 at 2:41 pm

Our new smart meter exploded yesterday causing half our circuits to stop working. The men from the electric company asked if I had any work done recently and I told them the electric company had upgraded the meter. He rolled his eyes at me and said, "yeah, some people CALL it an upgrade" and preceded to tell me of other smart meters catching fire. He said we were extremely lucky our house did not go up in flames. Now, I'm going to be a hesitant activist in order to get the word out that these smart meters are DANGEROUS! I don't feel I have to put my family's lives in danger in order to make my electric company's job easier. There is NO opt-out program where I live and DTE told one woman who wanted to opt out that they would just shut her electricity off. Time to put the gloves on...

Mia Nony says:

August 6, 2012 at 11:54 pm

8/5/2012

Smart meter fire on Darwin Ave., Coquitlam, BC.

As with the Mission fire BC Hydro is blaming the smart meter base again.

Problem is that this is a brand new subdivision so how can they postulate that a brand new meter base is

cracked, or is an old crumbling meter base?

BC Hydro doubts smart meter to blame for Coquitlam fire

COQUITLAM/CKNW (AM980)

CKNW News Staff | Email news tips to nwnews@cknw.com

8/5/2012

Could a newly installed BC Hydro smart meter be partially to blame for an early morning fire in Coquitlam?

Hydro crews don't believe so, but they are investigating after a small fire broke out on the outside of a home on Darwin Avenue.

Spokesman Greg Alexis says it appears the cause was likely a faulty meter base.

"The meter base is the piece of the customer's equipment that we plug the smart meter into. The smart meter is the end of our grid and the meter base is the piece of customer equipment."

Alexis says damaged sockets are blamed for a series of recent electrical fires, but stresses the smart meter itself isn't the problem.

Mia Nony says:

August 7, 2012 at 1:20 am

BC Hydro says it's not yet clear what caused a fire at a Coquitlam home where a smart meter had been installed one month earlier.

<http://bc.ctvnews.ca/2-home-fires-probed-where-new-smart-meters-were-set-up-1.905587>

2 home fires probed where new smart meters were set up

Published Monday, Aug. 6, 2012 4:04PM PDT

BC Hydro says it's not yet clear what caused a fire at a Coquitlam home where a smart meter had been installed one month earlier.

The cause of the blaze that broke out early Sunday morning at the house on Darwin Avenue is under investigation.

BC Hydro says smart meters are safe and that inspections are carried out before the devices are set up.

"In the vast majority of cases we actually find problems when we actually pull the old meter off. It's extremely rare that there is any kind of incident after a meter is installed," BC Hydro spokesperson Cindy Verschoor said.

The Crown corporation also says it has repaired about 1,000 meter bases around the province.

In June, a fire also began at a home in Mission where a smart meter had recently been installed. BC Hydro says the BC Safety Authority is investigating that blaze.

Norm says:

August 18, 2012 at 8:53 pm

I strongly recommend that all those home owners and/or tenants who now have "smart meters" instead of the analog type to go to the meter area and give it a visual and physical check for any apparent discoloration or burning. Use the back of your hand to check the meter base for heat. (You don't want to suffer burns on your palms or fingers.)

Some of these installations of so called "smart meters" have resulted in fires almost immediately, or in a matter of months. There should be no heat! If there is, it could indicate a poor connection between the "lugs" of the base and the "stabs" of the meter.

A fire potential!

Jennie says:

August 20, 2012 at 5:31 pm

I had a really difficult day, the other day.

I woke up. The sun was shining. Life was good. I was heading out to take my dog for a walk, and I bumped into a nice PG&E man. We both spooked each other.

He told me that they were getting a "hot meter" alert from my "smart meter". Heard about those? They are new meters that are internet connected, and speak both to your appliances, and to the head office. Sounds spooky, huh?

Anyhow, he took the meter off, and the clips that I own with the house, were melting and were a fire hazard. Key word: The part "I own".

So, in all good faith, he couldn't walk away from my home, knowing that it was a fire danger, until "I" got it fixed! He put a jumper on it, so that I had at least 110 power, (but no 220) and left. He took my meter

with him, so that I had to get it fixed.

Good day: OVER.

I called my preferred electrician, and then realized I have First American Home insurance. So, I called them. They said, "Yes, it was a covered expense", and they were sending out their electrician to fix it. The electrician they sent out had a bad reputation on Angie's list.

Well, they couldn't come till Tuesday.

It is a fire hazard, and they can't come till Tuesday??? It was Friday! It is 100 degrees out, and I have no electricity! So, my insurance called until they found someone that could do it, today.

RWE came out, (they had a better reputation on Angie's list, too!) and ordered the parts, and fixed it, (this, about 5 PM) and called PGE to shut down my main power on the street, and wait till it was fixed, to turn it back on. I had 5 large PGE trucks in front of my house! Yikes!

In the meantime, I found out that PGE had previously installed THREE (count em!) smart meters into my home, since Feb 2010 and all had failed. In March 2010, the house was not occupied. I bought the home in July of 2011.

All three "smart meters" had given out "hot socket" alarms and one had actually melted, and they had come out to change each one, without notifying anyone. Somehow, though, this fourth one is my fault?! I'm a little weird-ed out by this. I also found out that these smart meters are starting fires in homes, by doing the very same thing, this one did. I don't know if it's due to installing smart meters into older equipment, or what? But, I found some interesting links about them.

People aren't liking them at all. It's kind of a 1984 "big brother" thing.

Anyhow, when all was said and done, after the insurance company said they'd pay for it, well, the electrician called to make the claim and they ended up denying it! So, I paid \$720.00 on my VISA for something I'm not thinking is my doing! Do you even know how long this will take for me to pay off?

Wah. I'm a single disabled woman, and I live from paycheck to paycheck.

I mean, why, when the meter was giving out hot signals, did PG&E not tell me and instead, replace it three times.... but then not the fourth time? I have on record from Portland General that they replaced it once due to it being melted, once giving out a not socket alarm, and once again a hot socket alarm.

Why were my meter clips OK until they installed one of these new meters? Why did the insurance company say they'd pay for it, and then not? Do they do that, sometimes? Did they look up this problem like I did, and find the problems with these meters?

I'm new at this whole home ownership thing, but I think I'm going to be doing some research.

Thing is, I don't feel safe, even now, after having this thing get hot, melt, and then melt the clips. Is it going to happen again? While I'm out of town, or in town? What's worse?

I don't know, but I'm sure interested in doing something about all of this.

Jen

zeebo says:

August 31, 2012 at 5:07 pm

It is not the smart meter. It is the wiring and the meter-base that causes the fire.

I have been removing and installing electric meters for 30 years for a major utility and it is very common, up to 80 percent, to observe fatigue in older and rarely even new meter base wiring. When this fatigue is disturbed micro fractures occur in wire insulation and meter lugs and lug mounting brackets. Micro fractures do not sit and do nothing, electricity is a volatile product and seeks a path of least resistance to ground, these fractures expand according to severity and may last hours or years until ground is established then you have your flash. This is what causes the smoke and or fire not the meter, but the disruption of brittle or faulty equipment/wiring. This is fact. Been there done that.

admin says:

August 31, 2012 at 5:32 pm

Perhaps what you say is true...considering the unsuspecting homeowner is the victim of these fires, why aren't the utility companies ENSURING installation safety – instead of denying that there's a huge problem, or paying off insurance companies and not addressing the problem? What utility company do you work for? In California there's a major cover up happening.

John Edmonds says:

September 11, 2012 at 3:13 pm

About four weeks after ONCOR installed a SmartMeter at my home in Plano, Texas, one of the lugs in the meter base broke, causing half of my house to lose power. The lug was obviously corroded, and the new meter should not have been installed in the old base.

I was lucky, in that nothing was burned. The electrician that replaced the meter base for me pointed out that my circuit breaker box, a Federal Pacific Electric, showed signs of having been overheated. So I followed his recommendation, and had it replaced.

GIOVANNI DANIELLO says:

October 12, 2012 at 8:17 am

WOW WHERE DO I START.

I live in Edgewater Florida. i have 2 Rottweilers and a dutch Shepherd in my yard. i have 12 beware of dog signs. HONEYWELL STILL WENT IN MY YARD AND LET MY DOGS GO. whan i came home i had to search for my dogs. i found 2, but not the shepherd that will bite someone. HONEYWELL TOLD ME... SORY FOR YOUR LOST. WE CAN NOT HELP YOU. Fpl sent me a check for my lost dog, that check does not get me back my Guard Dog. HoneyWell did not care. i get my check in 3 weeks. IT GETS WORST. my air conditioner wires all melted and the condenser blew up out side. my refrigerator power just went out on a different line. my room power is out and wire are melting. some of my fuses are now popping. i do not know what to do. what next a house fire..... i had no PROBLEMS UNTIL THE SMART METER.....

John Collier says:

November 13, 2012 at 9:29 pm

After a smart meter was installed at my home my dishwasher and 46 "Sony hd tv both went out . After being in house for 10 to 15 min started suffering from head aches but head aches go away after leaving home .I filed a claim with Honewell after 2 weeks still havent heard anything after theyr inspector came to check them both . But they waited till meter was changed before they came out to check the equipment . this is in Daytona Bch Florida

pat doran says:

November 14, 2012 at 3:31 am

i was afraid of smart meters so when i heard they were being installed in Houston, I wrote txu and centerpoint energy refusing them on health grounds—also called them several times. Then one day i was awakened one afternoon with a noise outside my bedroom window-i ran outside and found a man installing a smart meter-he had not rung doorbell even and was trespassing and refused to stop and refused to identify himself and when i demanded he put my old meter back and picked up the box with my old meter in it, he grabbed the box, threatened me and knocked me to the ground. When i told him he better leave now or i would call the police he laughed at me and said go ahead-that he would make sure i was the one that would be thrown in jail. Since he was so certain that he could assault a 64 year old woman with impunity, and knowing the reputation of Houston police, I believed him. He casually continued his tasks and then went back to his truck while I went inside to call txu-who just passed the buck to centerpoint who just passed it back to txu-just before driving off, the monster that assaulted me did give me his bosses phone number. I called it immediately and that man was a true psychopath. After being mister nice and saying his employee should not have assaulted me (duh!), he told me he used to work for Centerpoint and that he had been awarded the contract to install all the smart meters in Houston and that I had no choice but to comply and that I was to believe everything he said BECAUSE HE WAS A CATHOLIC—I was so insulted by his arrogance and bizarre statements that I started complaining some more to Centerpoint and TXU—TXU immediately started sending me bills that were 3-4 times what they were before the installation, then when I complained about that, they threatened to cut off my electricity with no notice at all...and kept this up until I switched electric companies. THEN Centerpoint sent TWO thugs to my house to threaten and intimate me—when I complained the meter was making popping noises and when I came near any electric plug i felt heat and static electricity and the plug would short out, they said nothing was wrong with my meter and then said if I complained, they would say I was threatening THEM and have me thrown in jail. I told them to get out, and shame on them. THEN Centerpoint had someone else break into my yard without knocking and installed ANOTHER smart meter on my gas line. When I told that guy to leave-that he was trespassing and had no permission from me to install that second meter, he left. Then someone called me

from Centerpoint with more lies about how there are no problems with smart meters and then questioned my sanity again for objecting. They said the man had not installed the new smart gas meter...then sent ANOTHER man out who broke into my yard and installed a smart meter-easily observable by the different red tabs but Centerpoint insists i imagined the whole thing. The utility companies in this world are the ones that are quite mad-and murderous. Psychopaths-all of them. Since this attempted robbing and murder spree, half my hair has fallen out-I can't sleep at night, and i fear my house will burn down from what these meters are doing to my electrical system... and yet NOT ONE PERSON will stop them.

vickie says:

December 7, 2012 at 1:39 pm

My smart(DUMB)meter was installed on or around october12,2012-Nov 12,2012. The middle of November My \$3,600.00 TV exhibited a snowy picture while me and my grandchildren were watching cartoons. I got up to check the TV, and suddenly the power in that part of the house went off. My granddaughter and I went outside to check the breaker box and as I attempted to open the box, sparks started shooting from the top of the box. After reading all of these complaints, I am now terrified to go to sleep at night. Because I know there is a short somewhere in the smart box. I never had any problems until this so-called smart-box was installed. Now I am out an expensive TV. I had to go and buy another cheaper model. GO FIGURE!! GOVERNMENT IS TAKING OVER. SO PEOPLE GET READY!!

Robert LaChance says:

January 8, 2013 at 7:59 pm

My 80 year old mom was dying, dizzy all the time, falling, tired, no color, headaches, sleepless, confused, chest pains and more test after test but nothing....she even died but was revived during one test, all provided no answer. They put her on oxygen 24/7. Thankfully for people that are sharing information on these Death meters. I started searching and found others having the same issues and blaming the so-called smart meter, which is by the way, the greatest oxymoron of all times.

We ordered the removal of the death meter and mom's health started to improve with in two days. Now two months later, she is up and about, active and doesn't use the oxygen tank any more, she is nagging at me again, has great color, spunk, energy, no more headaches, dizziness, or seizures, she is no longer falling to the ground or confused and is sleeping well again.

We are not happy paying an extra \$12 a month to opt out but if that is the price of life, it's a hell of a good deal.

PS my mom's pacemaker manufacture warns against smart meters and radiation/RF EMF.... however the utility company didn't not warn us about the possible effects of these death meters which they installed without our knowledge and the PUC doesn't seem to care. But that is not news.

Again thank you all for your input and everyone that is fighting this terrible device, as without this resource and the effort of those before me, my mom would have died by now; that is why I call IT the Death meter.

Ntheknow says:

April 9, 2013 at 7:06 am

As I read these frustrating posts sadly all of them miss the true target. It is NOT evil oil companies but the dolts that think "Green Energy" is the way of the future. There were NO problems until Mr. Green OBO, or Bush with his corn for fuel idea and all the Whacked Environmentalists, vehicles are being destroyed but idiots like Daryl Hannah, TBoon, et all continue. Too bad the face lift idiot did not fall out of the tree in South LA.

Live next to a windmill farm and see how noisy it is and enjoy the EMF it produces. Solar panel farms in the desert where broken panels are just allowed to fall to the sand and we don't have to speak of car companies like Fisker do we? Not to mention, the elite do not have them, only YOU do! I would say wake up, but you are living the nightmare. The only thing "green" about this energy is the money leaving YOUR account! I am for a clean planet out of common sense, however as they insert another ring in your nose with a leash how free are you. I have NEVER heard of an analog meter doing this, even SCE employees opted out, but clown organizations (CPUC) that are appointed are not beholden to the voter and let electo comps install SM so when they finally said. well you do not have to have them.. too late.. installed. Do some research on San Francisco residents wanting Green, now that Nanny Meters been put in people are mad, putting foil to stop the RF (tin hat syndrome) but too late.. In efforts to break a society that was decided over a century ago, they think ugly propeller driven generators and solar panels where <90% are not made here is smart. Chew that bitter pill up in small chunks gang and swallow, those that voted for this

ilk will NOW reap those rewards. Remember "As they fiddled while it burned.. well, now they text while Capt Edward Smith aims for the iceberg. Unfortunately, your stupid decision is taking us with you and there are not enough life boats.

USA the country that once dominated by power, intelligence and pride.. now they are just words.

tony teubert says:

June 3, 2013 at 9:00 am

I need help I have seen high electrical field get pulled off power line at my house have been looking for the source for 6 months until I read about smart meters all of my appliances have burnt up 4 times my ears ring high pitch when in house the water softer doing electrolysis on sodium chloride water ph of 11 alkalinity and hardness off the chart copper casing of phone line melt when ungrounded I saw a lithium phone battery crack open 50 volts on all ground wires my hvac led bulbs off them I. Get shocked so bad in my house it drops me to my knees I have had the power company and 2 electricians look at it now there just pointing fingers at each other with nothing getting fixed.

admin says:

June 4, 2013 at 2:48 pm

Where are you from? Who is your utility? Do you have a Smart Meter on your home?

Clare Donegan says:

June 15, 2013 at 8:54 am

Ontario Fire Marshall:

"Since May 2011, there have been seven reported incidents of smouldering fires and/or explosions involving either the electrical smart meter or the meter base to which it is mounted. Anecdotal information indicates that these incidents resulted from a meter base problem, an installation problem or a failed meter."

Michael Chambers says:

August 26, 2013 at 3:58 pm

On Sunday 8/25/13 at 5 am, asleep in bed, I awoke to explosions in my backyard. Seeing this I immediately went outside to investigate finding a fire was started coming from the smart meter on the back of the garage.

With explosions continuing, and fire getting bigger, eventually engulfing the garage, I quickly realized I was in over my head.

Electrical damage is severe. 200A service total trash. Line fuse on the pole never took out the service, so it kept burning. Guess smart meters aren't quite that smart.

The power company (Centerpoint Energy) was Johnny on the spot. While the firefighters were putting out the fire, CNP replaced the line fuse and took the smart meter with no contact with anyone.

admin says:

August 26, 2013 at 4:54 pm

See this thread comments for the Texas attorney who's won a smart meter fire case already. If there was a news report on this fire, can you post it here? Good luck.

Susan says:

September 26, 2013 at 12:07 pm

I do not have a smart meter.

I have offered a Courtesy Notice (CN) (an offer to contract) to my local utility monopoly and we are now in contract because they called me on the phone to offer installation of a smart meter with their legal, but not lawful, new definition of the term "opt-out", a practice of slight-of-hand practiced by most utility monopolies these days. Under that plan, opt-out means you still get a smart meter, but supposedly it does not transmit, and extra fees and monthly charges are applied that no one else has to pay. I do not consent and would be therefore harmed, thus the CN. Meaning that they can put a smart meter in, but they would have to pay me. And BTW, I am prepared to move out if they install one or do a shut-off.

Last week they installed smart meters on all condos in my complex, but skipped mine. I suspect I have not heard the last of this.

I am energy sensitive and so are you, whether you know it or not. Your local utility monopoly knows of such toxicity, but they say they don't to keep peace with the cattle.

I suffered for 15 years with severe health problems before I found the reason was the non-ionizing radiation coming from the energy grid and certain electrical devices. I have filtered my complete condo for the toxic non-ionizing frequencies coming from the wires inside the walls for \$300, have a meter, \$100, and have added more filters of of new manufacturer, and have a small device that neutralizes frequencies such as WiFi. My computer is connected by wire, not WiFi. The day I put in the filters, all my health problems went away. Yes, on that very day. Never came back.

My local utility monopoly let out that they will not turn the smart meters on until all homes are thus metered. That makes me suspect that they get turned on a little when newly installed just to read the whole house usage, and in months or years is when they turn them on 'for real', metering each and every one of your appliances of any kind and boy will your usage go up (in flames).

Remember, it costs much less to read the old meter than the cost of metering with smart meter and they lie about that by reducing the real estimated cost in one community, \$10 billion, reduced down to \$2 billion for public consumption, to keep peace with the community cattle. I suggest that you are not cattle and should say so.

Quit respecting these people, but be friendly and nice to them, even though they are criminals. Lying to the public like that. Educate their paid agents as to the real story.

I made a rousing speech to my local Stop Smart Meters group. One symptom of 15 years of ill-health that I mentioned in the speech, but certainly not the worst symptom, was the 15 years of 'menopause from hell'. After my speech a woman certainly too young for menopause, and she said so, said to me that immediately after installation of her smart meter she went into menopause. And that is with the low dose, not the 'for real' dose.

They know about this and have known for decades, probably since the late 1800s at least, which is when the electric grid was first installed, and when cancer, heart disease, and diabetes rate began to rise. It got much worse after the snake-like fluorescent light bulbs were invented as a result of oil embargo in the 1970s. And all such toxic non-ionizing frequencies travel over the the utility lines. And surprise, surprise, is quite easy and cheap to fix.

But the smart meters are WiFi, and will use a lot of energy to spy on us, ruin our health, steal our money, and possibly other nefarious deeds.

<http://smartgridawareness.org/2014/01/18/symptoms-from-exposure-to-smart-meters/>

Symptoms Resulting from Exposure to Smart Meters

Posted on [January 18, 2014](#) by [SkyVision Solutions](#)

This posting represents a “re-blog” of a posting from the “[Maryland Smart Meter Awareness](#)” website, plus some added remarks based upon content of the referenced testimony about a smart meter health effects [survey](#).

[Symptoms](#) Resulting from Exposure to Radiofrequency/Microwave Radiation from Smart Meters; by Ronald M. Powell, PhD [1], January 13, 2014

In February 2013, the expert testimony [2] of Richard H. Conrad, PhD [3], and many other experts worldwide, was submitted to the Maine Public Utilities Commission when the Commission was considering the future of Smart Meters in that state. Dr. Conrad reported the results of a survey of 210 individuals who had experienced symptoms resulting from exposure to Smart Meters.

[As described in the expert testimony, a “Smart Meter Health Effects Survey” was conducted by Dr. Richard H. Conrad. The purpose of the survey “was to develop reliable data much more solid than ordinary anecdotal evidence, about possible smart meter health effects, and their time-line ...”

According to Dr. Conrad, “the survey results provide very strong evidence that smart meters are causing painful and debilitating new symptoms in many previously normal healthy people, and causing them to become electrically sensitive to a whole range of electronic devices including Wi-Fi, cell phones and computers. *Because of exposure to smart meters, people are becoming electrically sensitive at an unprecedented rate. ...*”]

What the survey does and does not tell us

The survey does not address the frequency of occurrence of symptoms in the general population when exposed to Smart Meters. So the survey does not tell us how likely it is that a person in the general population will experience symptoms after exposure to Smart Meters. But the survey does tell us what types of symptoms *are* being experienced by those who *do become* symptomatic after exposure to Smart Meters.

Individuals who reported previous symptoms that worsened to severe

Appendix 2 of Dr. Conrad’s report shows the number of persons, out of the 210, who reported

“... previous symptoms that worsened to severe intensity (from either mild or moderate intensity) following smart meter exposure. [4]

A copy of Appendix 2 is below.

Individuals who reported new symptoms

Appendix 3 of Dr. Conrad's report shows the number of individuals, out of the 210, who reported symptoms that were new, that is,

“... symptoms suffered for the first time in their lives, symptoms they had never experienced before smart meters [5]

and that were either severe or moderate in intensity after exposure to Smart Meters. A copy of Appendix 3 is also below.

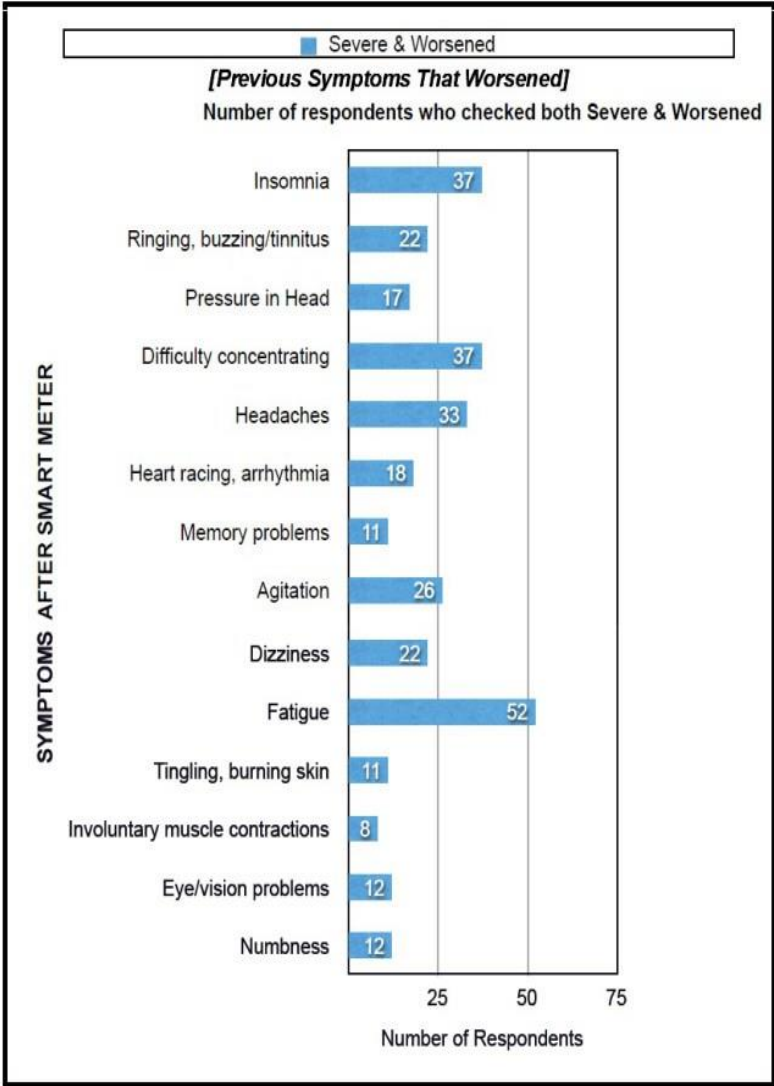
Causality

Because the symptoms in both Appendix 2 and Appendix 3 can have causes other than exposure to Smart Meters, the survey included an extensive list of questions designed to determine whether Smart Meters were the cause. Only individuals whose answers were persuasive of a causal connection were included in the survey results.

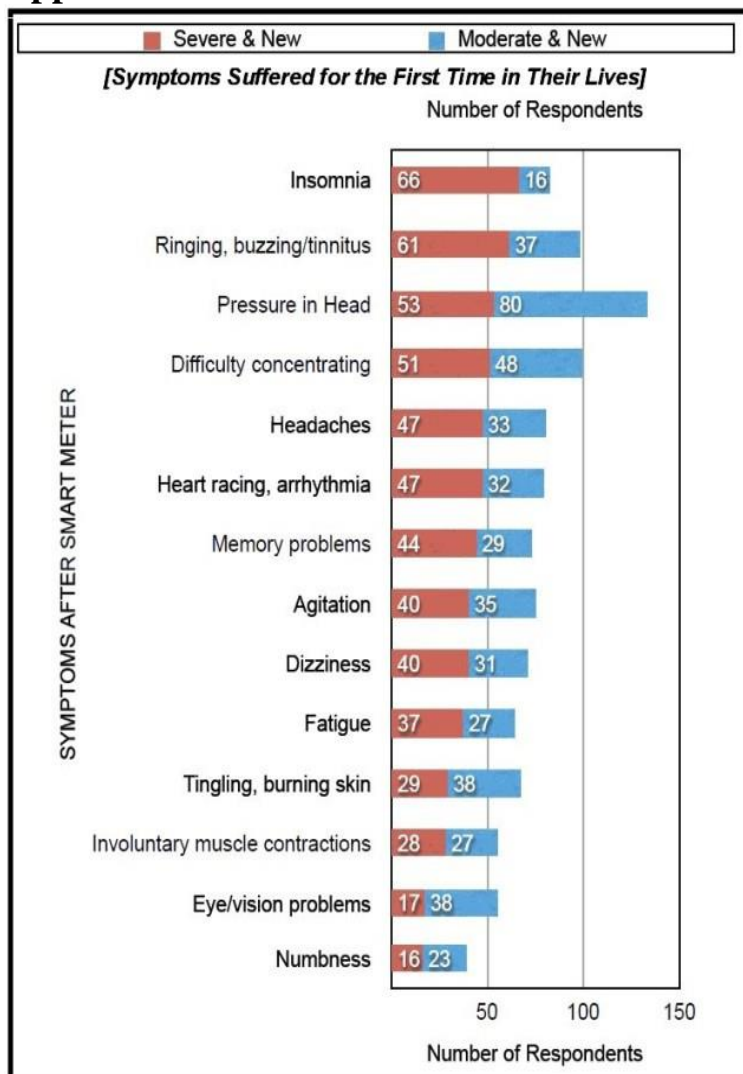
Symptoms versus biological effects more broadly

Symptoms, as that term is used here, are biological effects that can be sensed. But an absence of symptoms does not mean an absence of biological effects. Many of the biological effects associated with radiofrequency/microwave radiation either cannot be sensed at all, such as a loss of [male fertility](#), or cannot be sensed until an advanced state of disease has been reached, such as cancer. A broad range of biological effects, both those that can be sensed and those that cannot be sensed, have been researched extensively by the international biomedical research community. The findings are described in detail in two comprehensive reviews of the resulting published research literature. [6,7]

Appendix 2



Appendix 3



Ronald M. Powell holds a Ph.D. in Applied Physics from Harvard University and has worked for the Executive Office of the President, the National Science Foundation, and the National Institute of Standards and Technology.

[Pre-Filed Testimony](#) of Richard H. Conrad, Ph.D., Appendix 2 for worsened symptoms and Appendix 3 for new symptoms. This 198 page [testimony] documents the survey design and results in detail.

Richard H. Conrad holds a Ph.D. in Biochemistry from Johns Hopkins University and did postdoctoral research at the Institute of Molecular Biophysics of Florida State University and in the Department of Biochemistry of Cornell University.

See [reference 2 above], Exhibit D, page 3.

See [reference 2 above], Exhibit D, page 3.

BioInitiative Working Group, Cindy Sage and David O. Carpenter, Editors, BioInitiative Report: A Rationale for Biologically based Public Exposure Standards for Electromagnetic Radiation, December 31, 2012 (<http://www.bioinitiative.org>). This review of the biological effects of electromagnetic fields is 1479 pages long and considered the findings of about 1800 publications.

Paul Dart, MD, Kathleen Cordes, MD, Andrew Elliott, ND, James Knackstedt, MD, Joseph Morgan, MD, Pamela Wible, MD, and Stephen Baker (technical advisor), Biological and Health Effects of Microwave Radio Frequency Transmissions, A Review of the Research Literature, A Report to the Staff And Directors of the Eugene Water And Electric Board, June 4, 2013 (<http://apps.fcc.gov/ecfs/comment/view?id=6017465430>). This review is 74 pages long and references the findings of 279 publications. Also included on this web site are six files containing viewgraphs of a presentation given to the Eugene Water and Electric Board on this subject.

See Complete File with all Documents

Cell Phones and Risk of Brain Tumor



INTERPHONE Study 2010

Published by Oxford University Press on behalf of the International Epidemiological Association
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International Journal of Epidemiology 2010;39:675–694
doi:10.1093/ije/dyq079

THEME: CANCER

Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case–control study

The INTERPHONE Study Group*

Corresponding author. Elisabeth Cardis; CREAL, Doctor Aiguader 88, 08003 Barcelona, Spain. E-mail: ecardis@creal.cat

*List of members of this study group is available in the Appendix.

Accepted 8 March 2010

Background The rapid increase in mobile telephone use has generated concern about possible health risks related to radiofrequency electromagnetic fields from this technology.

Methods An interview-based case–control study with 2708 glioma and 2409 meningioma cases and matched controls was conducted in 13 countries using a common protocol.

Large case–control study at multiple centers.

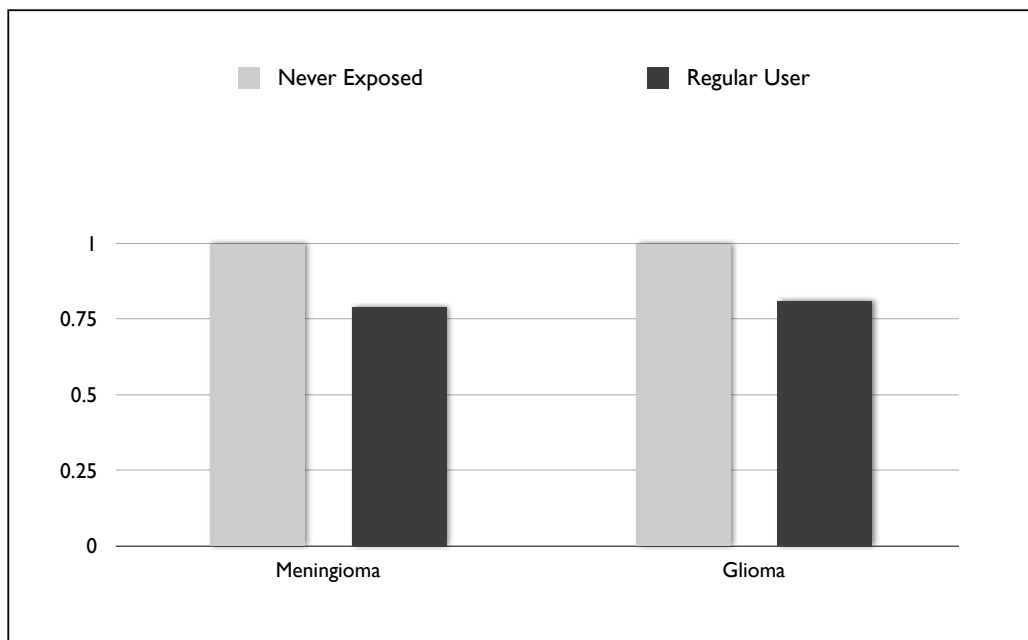
Funded in significant part by the telecommunications industry.

INTERPHONE Study 2010

Conclusions Overall, no increase in risk of glioma or meningioma was observed with use of mobile phones.

From the authors' published conclusions.

Odds Ratio for Meningioma and Glioma



In the 2010 Interphone Study combined analysis of data for all levels of exposure found that “regular cell phone users” were less likely to have brain tumors than non-users.

This is what was reported in the media about this study.

A reduced odds ratio (OR) related to ever having been a regular mobile phone user was seen for glioma [OR 0.81; 95% confidence interval (CI) 0.70–0.94] and meningioma (OR 0.79; 95% CI 0.68–0.91)

INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

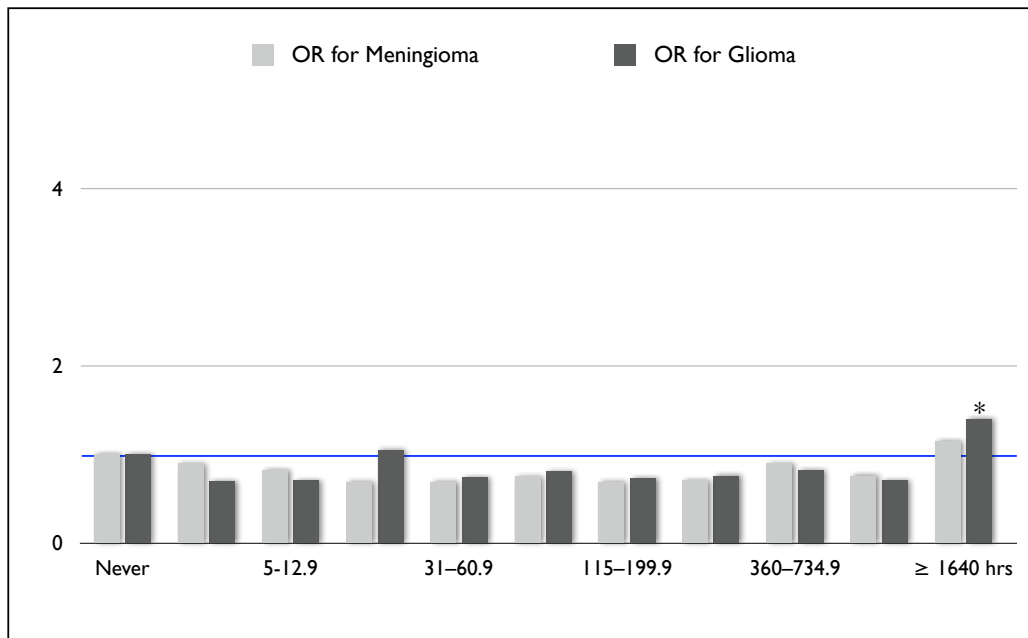
INTERPHONE Study 2010 – Definition of “Risk”

if the subject had ever been a regular user of a mobile phone (had an average of at least one call per week for a period of ≥ 6 months).²⁶

However, “regular use” was defined as a minimum of one call for week for at least 6 months.

In other words, anyone who had made at least 26 cell phone calls in their lifetime was categorized as a “regular user” and placed in the risk group.

Odds Ratio for Meningioma and Glioma with Cell Phone Use



Cumulative call time without hands-free devices, **divided into deciles.**

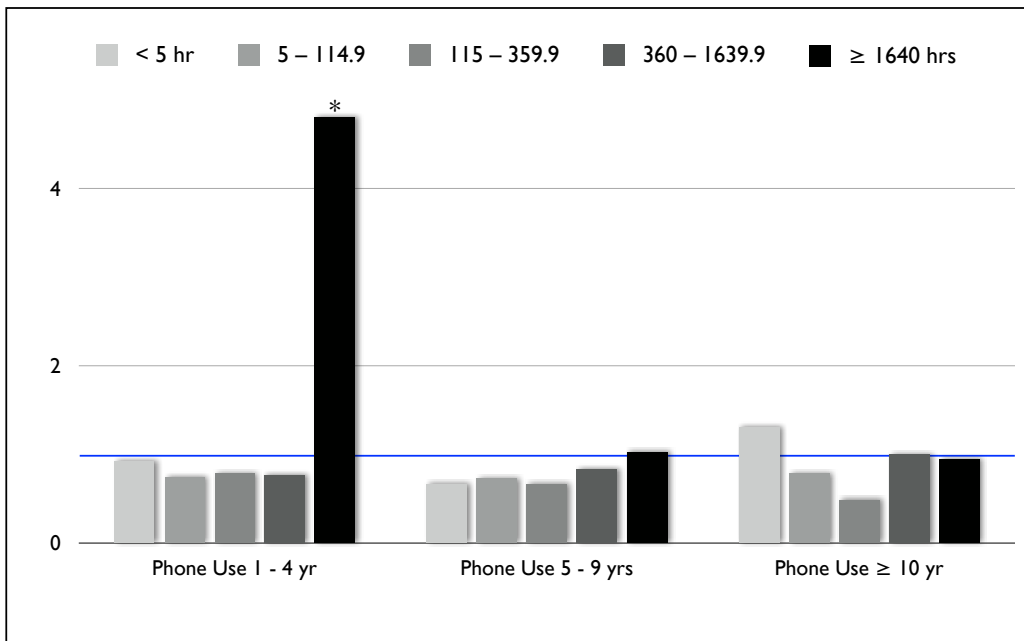
Blue line is Odds Ratio of 1.0 (equal to control group).

Half of the subjects in the study had less than 115 hours of lifetime exposure.

Note that a significantly higher risk for glioma was seen with more than 1640 hours of exposure.

OR for glioma = 1.40 [95% CI = (1.03–1.89)]

Odds Ratio for Meningioma with Cell Phone Use



Charted data from the Interphone study for risk of meningioma.

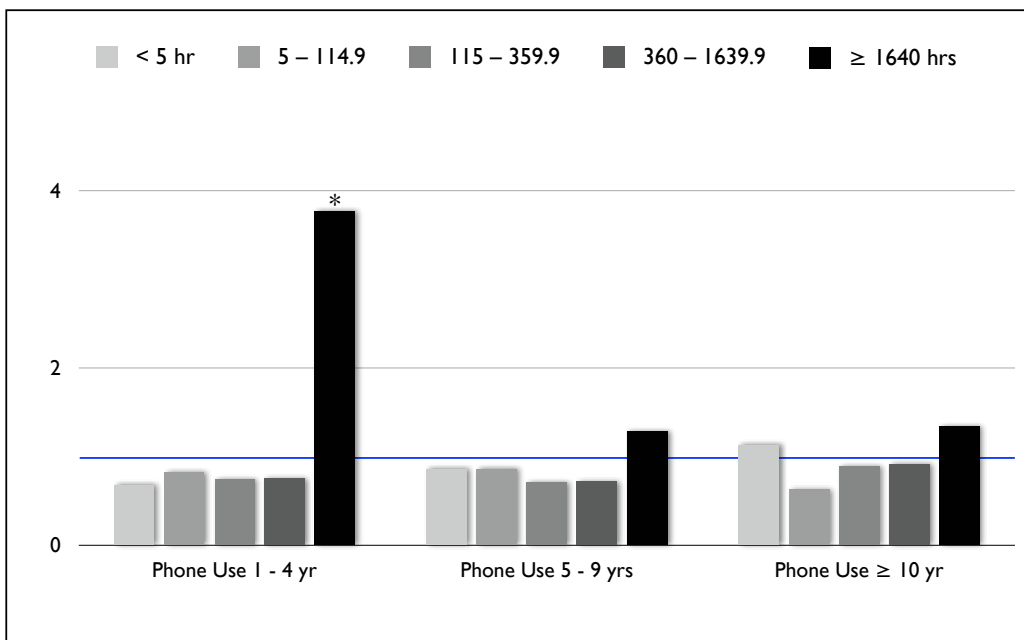
With ≥1640 hrs exposure in 1 - 4 years, OR = 4.80 [95% CI = (1.49-15.4)]

1640 hours in 4 years = 7.9 hrs/wk

(range in cohort was 8 - 30 hrs/wk, which the authors discounted as “implausible values of use” in their summary of results)

From Table 3: INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

Odds Ratio for Glioma with Cell Phone Use



Charted data from INTERPHONE study group, glioma risk.

Stratified by cumulative call time (without hands/free devices).

Also stratified by years of use.

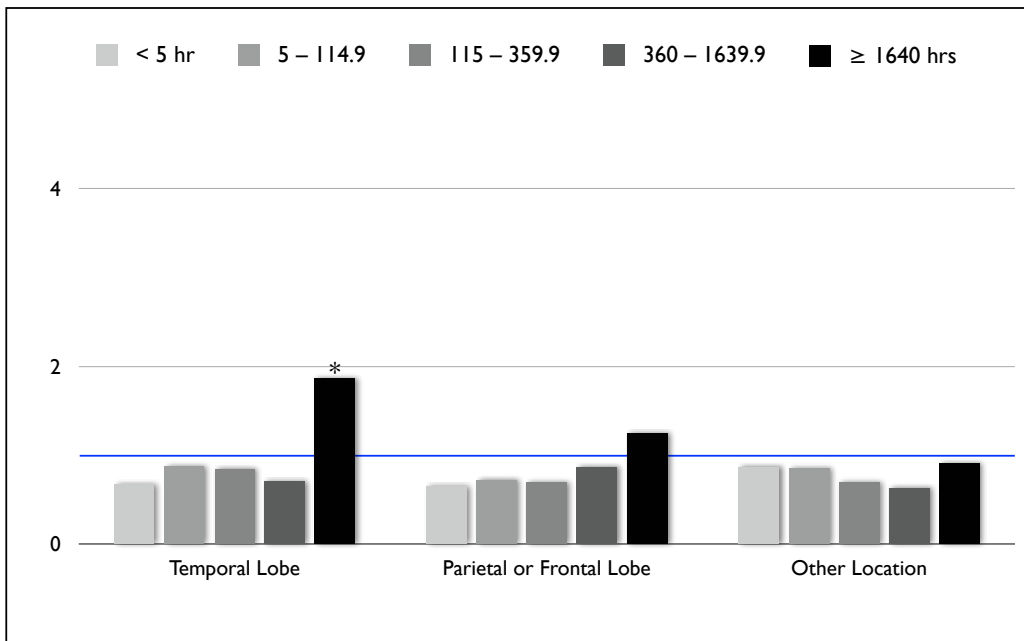
With ≥1640 hrs exposure in 1 - 4 years, OR for Glioma = 3.77 [95% CI = (1.25-11.4)]

1640 hours in 4 years = 7.9 hrs/wk (range in cohort was 8 - 30 hrs/wk)

The authors rejected their own findings on glioma, stating that this level of reported cell phone use was “implausible”.

From Table 3: INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

Odds Ratio for Glioma with Cell Phone Use



Glioma risk by **location in the brain.**

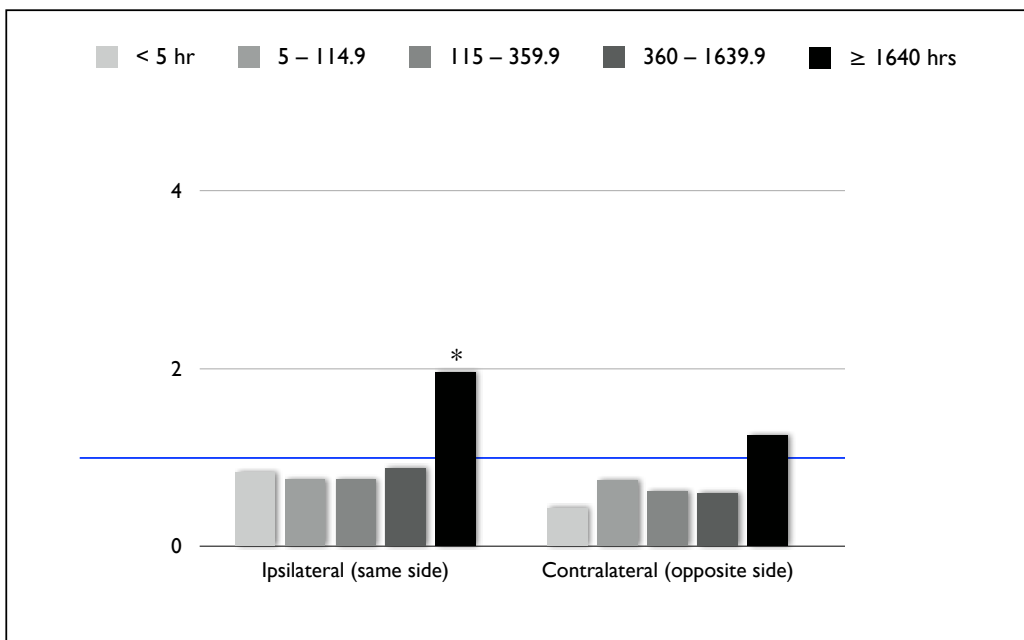
Also stratified by **cumulative call time.**

Temporal lobe (With ≥1640 hrs exposure, OR = 1.87 [95% CI = (1.09–3.22)]

From Table 4: INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

Interestingly, the study did report its statistics stratified by total time of reported use, and the top decile (greater than 1640 hours use over a ten year interval, averaging out as greater than 3 hours a week) had an increased risk of certain tumors. Individuals who accrued that greater than 1650 hours of use over a 1 to 4 year interval (ranging from 8 to over 30 hours a week) had a markedly higher odds ratio of meningioma (OR 4.80) or glioma (OR 3.27).

Odds Ratio for Glioma with Cell Phone Use



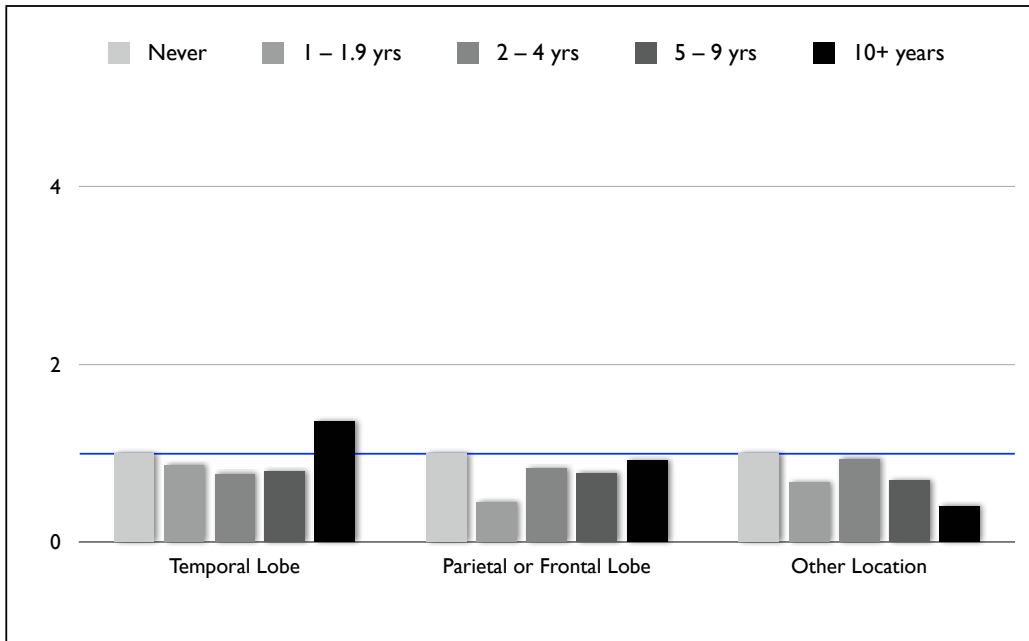
Glioma risk by **side of head they habitually held the phone.**

Also stratified by **cumulative call time.**

(With ≥1640 hrs exposure, Ipsilateral OR = 1.96 [95% CI = (1.22–3.22)]

From Table 5: INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

Comments on Notice of Inquiry, ET Docket No. 13-84
Odds Ratio for Glioma (by Years of Use)



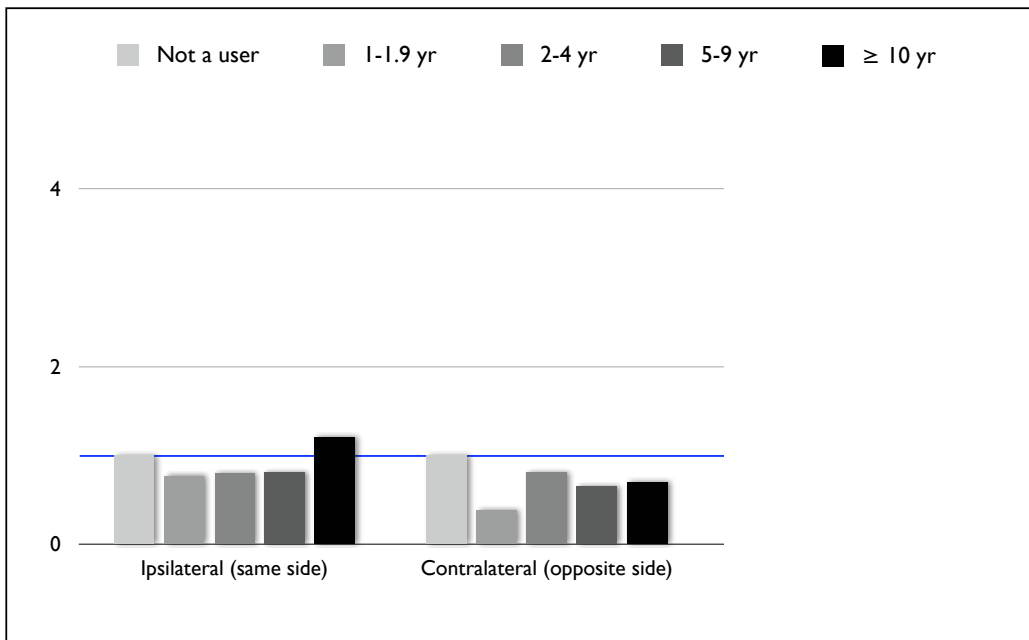
Stratified by years of exposure.

1640 hours in 10+ years ~ > 3 hrs/wk

1640 hours in 4 years = 7.9 hrs/wk (range in cohort was 8 - 30 hrs/wk)

INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

Odds Ratio for Glioma (by Years of Use)



Glioma risk by side of head they habitually held the phone.

Also stratified by cumulative call time.

1640 hours in 10+ years ~ > 3 hrs/wk

INTERPHONE Study Group. Brain tumour risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Int J Epidemiol* (2010); 39(3):675-694.

INTERPHONE Study 2011

Acoustic neuroma risk in relation to mobile telephone use: Results of the INTERPHONE international case-control study

The INTERPHONE Study Group^{*,1}

ARTICLE INFO

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 Brain tumour
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 Radiofrequency electromagnetic fields
 Epidemiology

ABSTRACT

Background: The rapid increase in mobile telephone use has generated concern about possible health risks of radiofrequency electromagnetic fields from these devices. **Methods:** A case-control study of 1105 patients with newly diagnosed acoustic neuroma (vestibular schwannoma) and 2145 controls was conducted in 13 countries using a common protocol. Past mobile phone use was assessed by personal interview. In the primary analysis, exposure time was censored at one year before the reference date (date of diagnosis for cases and date of diagnosis of the matched case for controls); analyses censoring exposure at five years before the reference date were also done to allow for a possible longer latent period. **Results:** The odds ratio (OR) of acoustic neuroma with ever having been a regular mobile phone user was 0.85 (95% confidence interval 0.69–1.04). The OR for >10 years after first regular mobile phone use was 0.76 (0.52–1.11). There was no trend of increasing ORs with increasing cumulative call time or cumulative number of calls, with the lowest OR (0.48 (0.30–0.78)) observed in the 9th decile of cumulative call time. In the 10th decile (≥ 1640 h) of cumulative call time, the OR was 1.32 (0.88–1.97); there were, however, implausible values of reported use in those with ≥ 1640 h of accumulated mobile phone use. With censoring at 5 years before the reference date the OR for >10 years after first regular mobile phone use was 0.83 (0.58–1.19) and for ≥ 1640 h of cumulative call time it was 2.79 (1.51–5.16), but again with no trend in the lower nine deciles and with the lowest OR in the 9th decile. In general, ORs were not greater in subjects who reported usual phone use on the same side of the head as their tumour than in those who reported it on the opposite side, but it was greater in those in the 10th decile of cumulative hours of use. **Conclusions:** There was no increase in risk of acoustic neuroma with ever regular use of a mobile phone or for users who began regular use 10 years or more before the reference date. Elevated odds ratios observed at the highest level of cumulative call time could be due to chance, reporting bias or a causal effect. As acoustic neuroma is usually a slowly growing tumour, the interval between introduction of mobile phones and occurrence of the tumour might have been too short to observe an effect, if there is one.

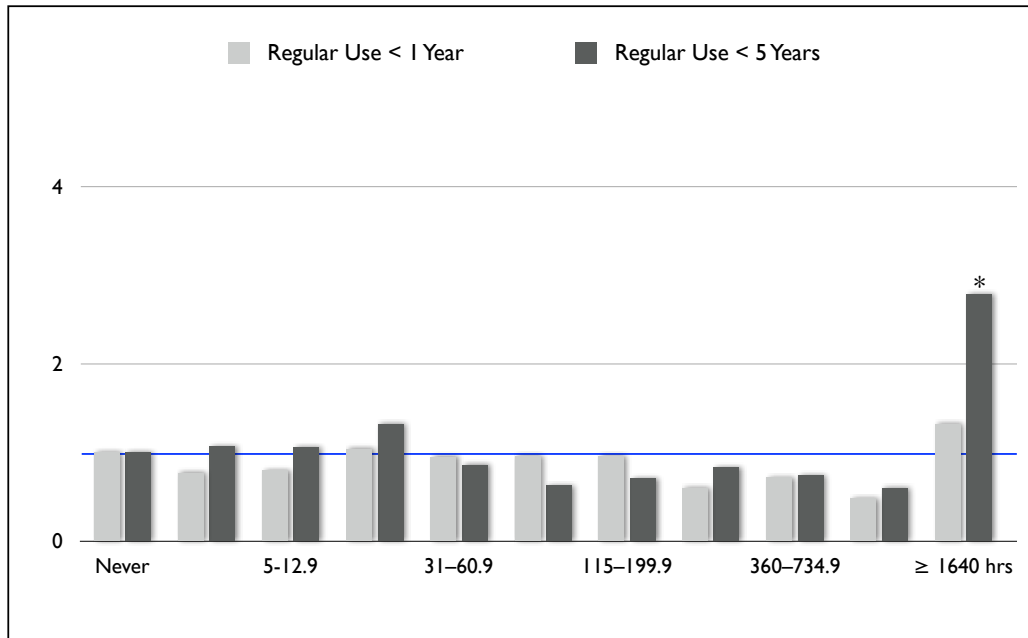
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2011 INTERPHONE study of acoustic neuroma

Funded in significant part by the telecommunications industry.

Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Odds Ratio for Acoustic Neuroma with Cell Phone Use



From 2011 INTERPHONE study of acoustic neuroma, Table 2.

This study was also funded in major part by the telecommunications industry.

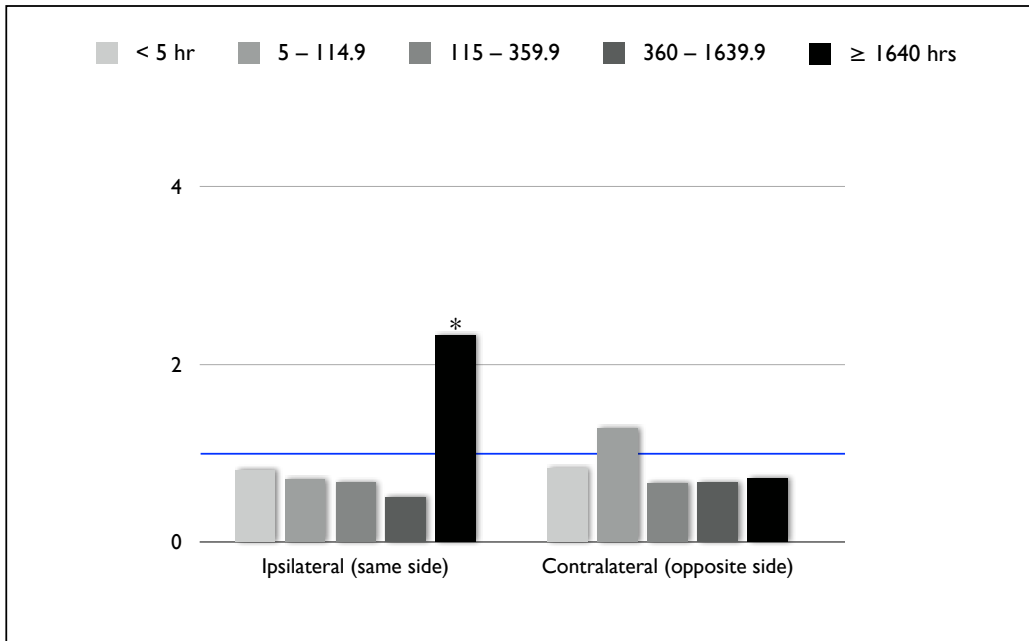
In their conclusion, the authors stated that this data showed “no trend of increasing risk with increasing cumulative call time”

They discounted their findings for the highest decile of exposure.

But with ≥ 1640 hrs exposure in 1 - 5 years of exposure, OR = 2.79 [95% CI = (1.51–5.16)]

From Table 2: Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk (< 1 year of cell phone use)



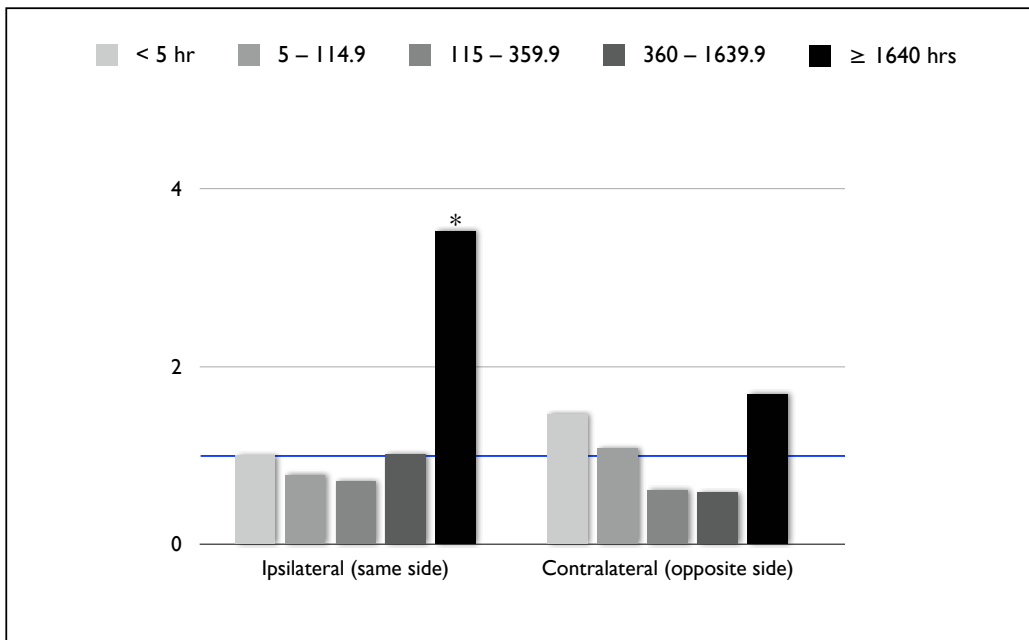
In the high use group, risk of acoustic neuroma was significantly higher on the side of the head where the subject habitually held the cell phone.

1640 hours in 1 year = 4.5 hours a day = 31.5 hours/week

With ≥1640 hrs exposure, ipsilateral tumor Odds Ratio = 2.33 [95% CI = (1.23-4.40)]

From Table 3: Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk (< 5 years of cell phone use)



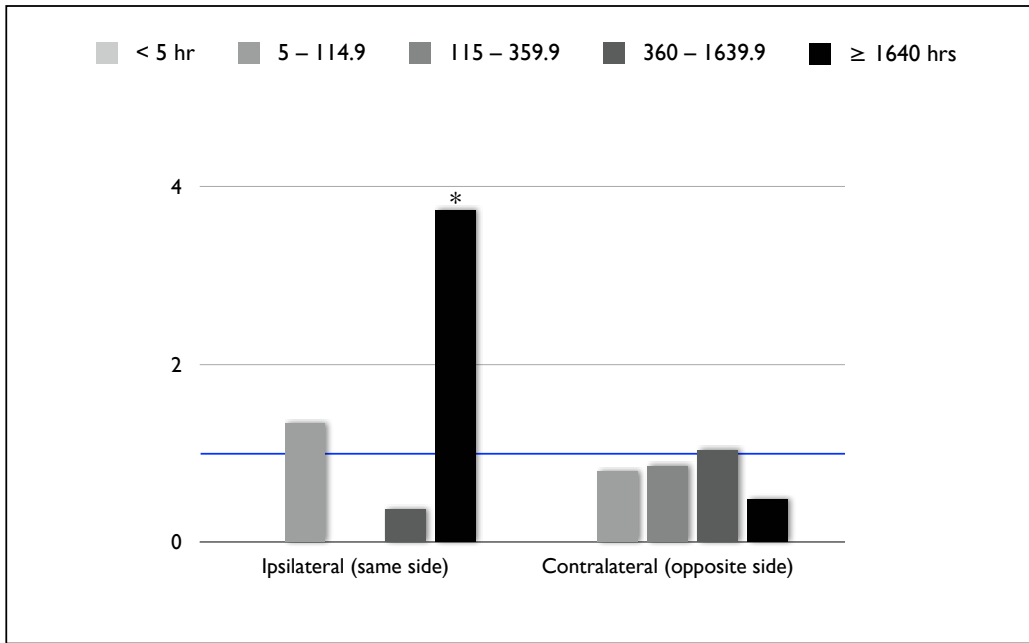
Risk increased with increased years of exposure.

1640 hours in 5 years = 0.9 hours a day = 6.3 hours/week

With ≥1640 hrs exposure, ipsilateral tumor Odds Ratio = 3.53 [95% CI = (1.59-7.82)]

From Table 3: Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk (≥ 10 years of cell phone use)



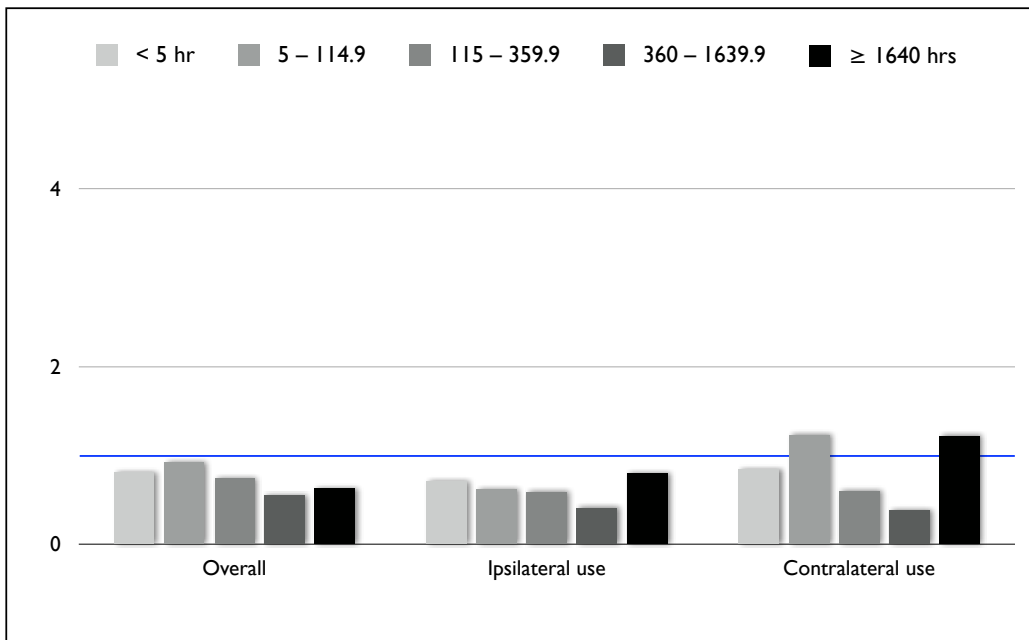
Higher risk with ten or more years of exposure.

1640 hours in 10 years = less than half an hour a day. = 3.2 hours/week = 0.45 hours a day

With ≥ 1640 hrs exposure, ipsilateral tumor Odds Ratio = 3.74 [95% CI = (1.58–8.83)]

From Table 4: Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk with 1 to 4 Years of Cell Phone Use

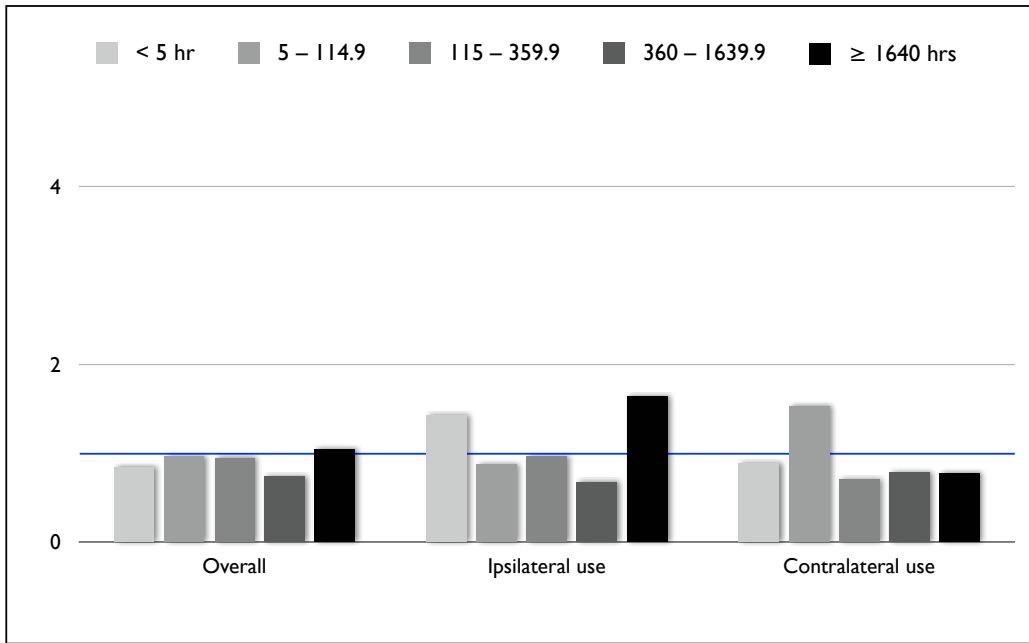


2011 INTERPHONE study of acoustic neuroma

From Table 4: Short, medium, long-term accumulation of >1640 hours.

Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk with 5 to 9 Years of Cell Phone Use

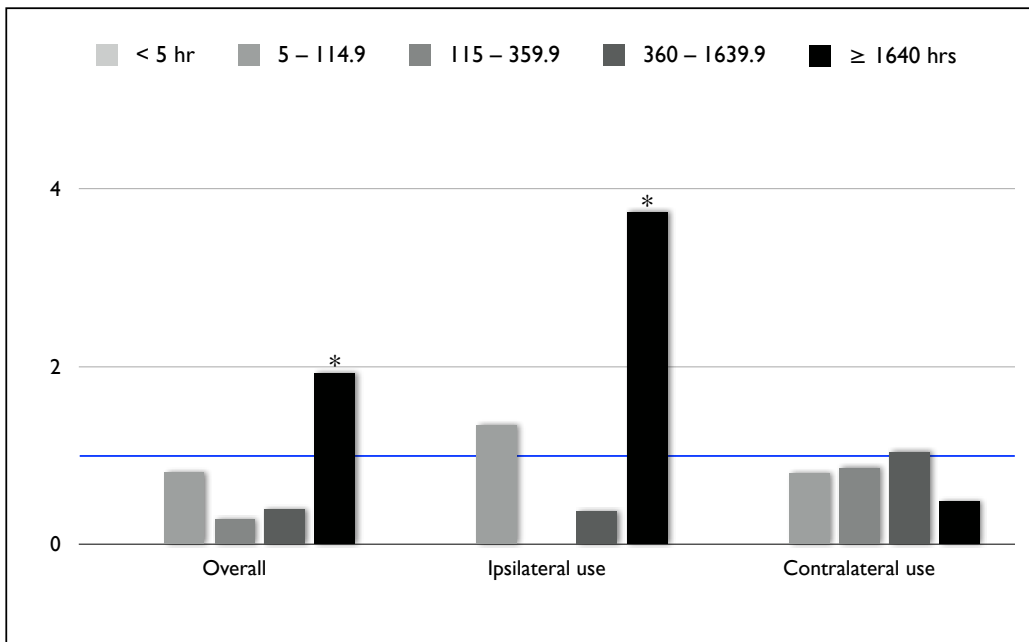


2011 INTERPHONE study of acoustic neuroma

From Table 4: Short, medium, long-term accumulation of >1640 hours.

Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

Acoustic Neuroma Risk with 10 + Years of Cell Phone Use



2011 INTERPHONE study of acoustic neuroma

From Table 4: Short, medium, long-term accumulation of ≥1640 hours.

Cardis E, Schüz J. Acoustic neuroma risk in relation to mobile telephone use: results of the INTERPHONE international case-control study. *Cancer Epidemiol* (2011); 35(5):453-464.

INTERPHONE Study 2011



Risk of brain tumours in relation to estimated RF dose from mobile phones: results from five Interphone countries

E Cardis,¹ B K Armstrong,² J D Bowman,³ G G Giles,^{4,5} M Hours,⁶ D Krewski,⁷ M McBride,⁸ M E Parent,⁹ S Sadetzki,^{10,11} A Woodward,¹² J Brown,² A Chetrit,¹⁰ J Figuerola,¹ C Hoffmann,^{11,13} A Jarus-Hakak,¹⁰ L Montestrucq,⁶ L Nadon,⁹ L Richardson,¹⁴ R Villegas,¹ M Vrijheid¹

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Published Online First 9 June 2011

ABSTRACT

Objectives The objective of this study was to examine the associations of brain tumours with radio frequency (RF) fields from mobile phones.

Methods Patients with brain tumour from the Australian, Canadian, French, Israeli and New Zealand components of the Interphone Study, whose tumours were localised by neuroradiologists, were analysed. Controls were matched on age, sex and region and allocated the 'tumour location' of their matched case. Analyses included 553 glioma and 676 meningioma cases and 1762 and 1911 controls, respectively. RF dose was estimated as total cumulative specific energy (TCSE; J/kg) absorbed at the tumour's estimated centre taking into account multiple RF exposure determinants.

Results ORs with ever having been a regular mobile phone user were 0.93 (95% CI 0.73 to 1.18) for glioma and 0.80 (95% CI 0.66 to 0.96) for meningioma. ORs for glioma were below 1 in the first four quintiles of TCSE

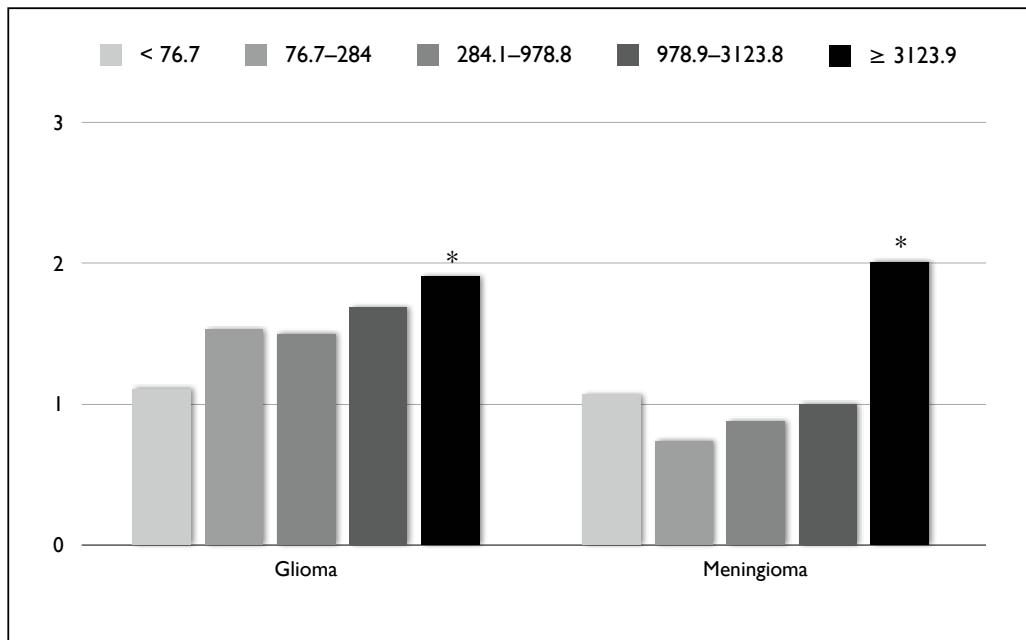
What this paper adds

- ▶ Previous epidemiological studies of mobile phone use and brain cancer risk have used information on mobile phone use as a proxy measure of exposure to radio frequency fields from mobile phones.
- ▶ Most studies have not observed increased ORs in relation to ever having been a mobile phone user. There were suggestions, however, of an increased risk of glioma in long-term and heavy users, though biases and errors prevent a causal interpretation.
- ▶ The relationship between radio frequency energy absorbed at the tumour location and mobile phone use history is complex. In addition to amount of use, it depends on phone type, network properties, conditions of use and

Interphone latest study 2011

Cardis E, Armstrong BK, Bowman JD et al. Risk of brain tumours in relation to estimated RF dose from mobile phones: results from five Interphone countries. *Occup Environ Med* (2011); 68(9):631-640.

Odds Ratio for Brain Tumor (7+ years of cell phone use)



Stratified by Total Cumulative Energy Exposure (joules/kilogram)

From Table 3: Cardis E, Armstrong BK, Bowman JD et al. Risk of brain tumours in relation to estimated RF dose from mobile phones: results from five Interphone countries. *Occup Environ Med* (2011); 68(9):631-640.

INTERPHONE Study 2011

Our results suggest that there may be an increase in risk of glioma in the most exposed area of the brain among long-term and heavy users of mobile phones. These results are uncertain (in light of the uncertainties associated with tumour centre localisation, radio frequency dose estimation and sample size) and require replication before they can be taken to indicate a cause effect relationship.

From the conclusions of the 2001 INTERPHONE study (industry-financed).

Study authors finally admitted that their data showed increase risk of glioma, but said that this finding required replication before being taken as a cause and effect relationship.

This despite the fact that this finding was already a replication of their previously published data, and had also been confirmed several times in the published data of the Hardell group in Sweden.

Danish Study 2011

BBC NEWS

HEALTH

20 October 2011 Last updated at 21:11 ET

Mobile phone brain cancer link rejected

By Nick Triggle

Health correspondent, BBC News

Further research has been published suggesting there is no link between mobile phones and brain cancer.

The risk mobiles present has been much debated over the past 20 years as use of the phones has soared.

Danish study: Proclaimed as evidence that cell phones are safe.

420,095 subscribers in the cohort — who had subscriptions by 1994/95.

Exposure is judged by presence of a cell phone contract, no record of actual usage.

200,507 corporate users excluded — **and placed in the control group.**

2550 juveniles excluded — **and placed in the control group.**

Frei P, Poulsen AH, Johansen C, Olsen JH, Steding-Jessen M, Schuz J. Use of mobile phones and risk of brain tumours: update of Danish cohort study. *BMJ* (2011); 343(d6387).

Danish Study 2011

Danish study: Proclaimed as evidence that cell phones are safe.

420,095 subscribers in the cohort — who had subscriptions by 1994/95. Exposure is judged by presence of a cell phone contract, no record of actual usage.

200,507 corporate users excluded — and placed in the control group.

2550 juveniles excluded — and placed in the control group.

Half the subjects in the 2009 Johansen et al study had less than two years of cell phone use.

Second publication: Schuz 2006

Only 61% of subscribers reported making or receiving at least 1 call a week in prior six months

All users who began subscription after 1995 were put in the “unexposed” reference population.

Third publication Schuz et al 2011

Same study group

Control group 2.9 million Danes

Fourth publication: Frei et al 2011 *BMJ*

~ 42% of initial cohort excluded (and placed in control group).

Also in the control group — the 85% of Danes that got a cell phone contract between 1995 and 2004.

“Number of subscription years” is used as a surrogate for actual hours of usage.

18–29 year old excluded

Cohort established by grants from Danish telecom companies. Sources of funding of the International Epidemiology Institute (Rockville, MD, USA) have never been declared.

In this study, the control group was contaminated with so many cell phone users that the results of the study were essentially meaningless. Two reviews stating this fact were published in the same issue of *BMJ*, along with the Frei study.

Frei P, Poulsen AH, Johansen C, Olsen JH, Steding-Jessen M, Schuz J. Use of mobile phones and risk of brain tumours: update of Danish cohort study. *BMJ* (2011); 343(d6387).

Philips A, Lamburn G. Updated study contains poor science and should be disregarded. *BMJ* (2011); 343(d7899); author reply d7912).

Soderqvist F, Carlberg M, Hardell L. Review of four publications on the Danish cohort study on mobile phone subscribers and risk of brain tumors. *Rev Environ Health* (2012); 27(1):51-58.

Studies from the Hardell Group in Sweden

INTERNATIONAL JOURNAL OF ONCOLOGY 38: 1465-1474, 2011

Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects

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²Department of Radiation Physics, Umeå University, SE-901 87 Umeå, Sweden

Received December 6, 2010; Accepted January 20, 2011

DOI: 10.3892/ijo.2011.947

Abstract. We studied the association between use of mobile and cordless phones and malignant brain tumours. Pooled analysis was performed of two case-control studies on patients with malignant brain tumours diagnosed during 1997-2003 and matched controls alive at the time of study inclusion and one case-control study on deceased patients and controls diagnosed during the same time period. Cases and controls or relatives to deceased subjects were interviewed using a structured questionnaire. Replies were obtained for 1,251 (85%) cases and 2,438 (84%) controls. The risk increased with

emissions from wireless devices such as mobile phone base stations, broadcast transmission towers, pagers and personal digital assistants, wireless networks and other sources of RF radiation (1).

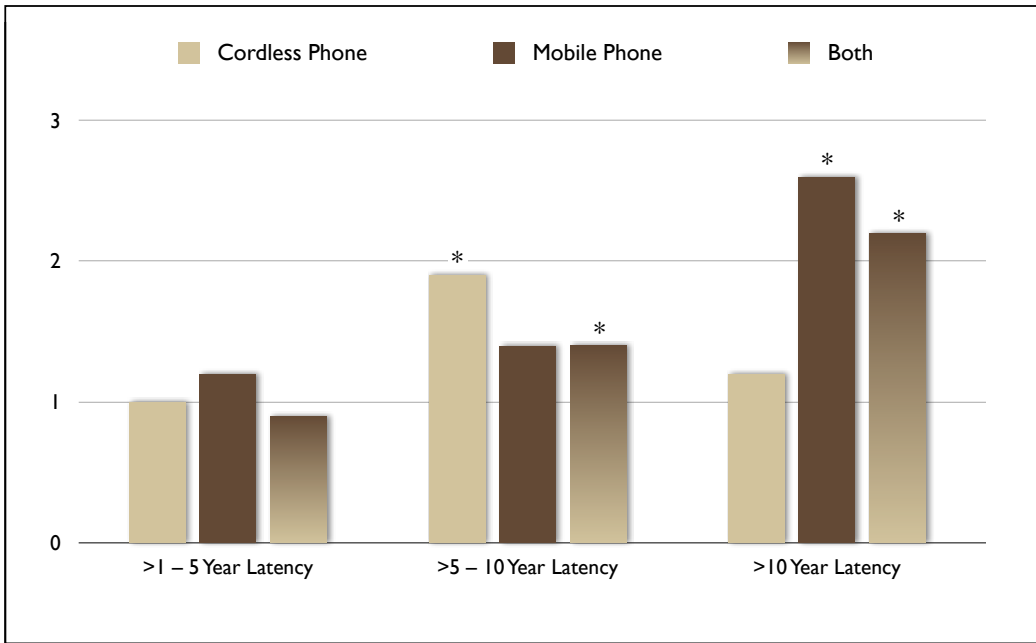
The brain is the target organ of the body with highest near field exposure to microwaves during use of a handheld wireless phone. Thus, fear of an increased risk for brain tumours from RF fields emitted from mobile phones has dominated the debate the last decade. Of equal importance is use of the desktop cordless phones.

The most reliable research on the tumor risks of cell phones has been performed by the Hardell group in Sweden. This group does not receive funding from the cell phone industry.

This is the only group that has controlled for use of in-home cordless phones as well as cell phones [which makes their data more reliable].

Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

Tumor Risk by Years of Use – Glioma

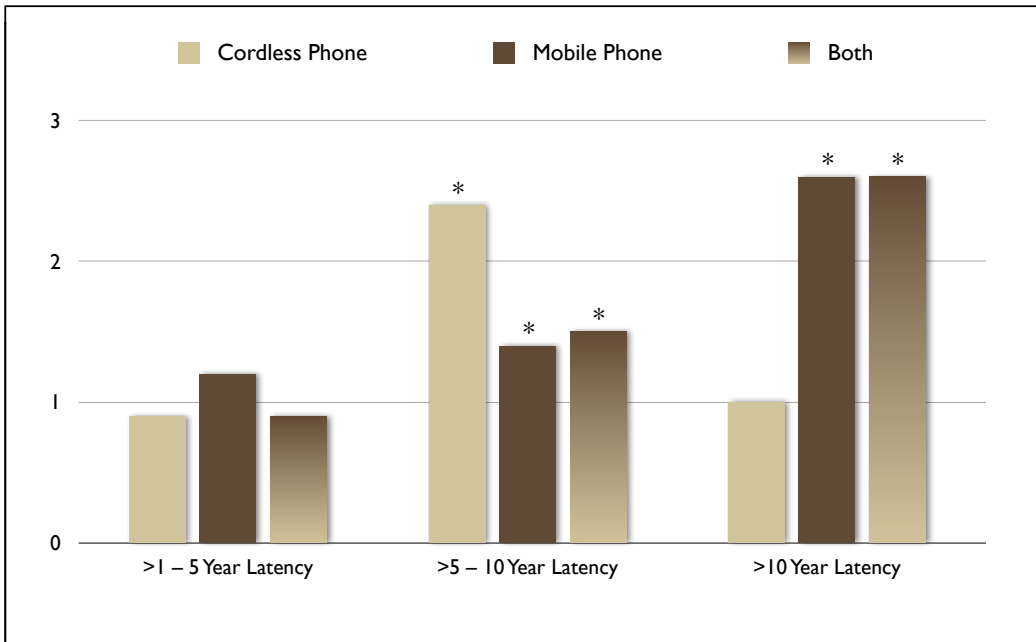


Orient to the bar graph.

Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

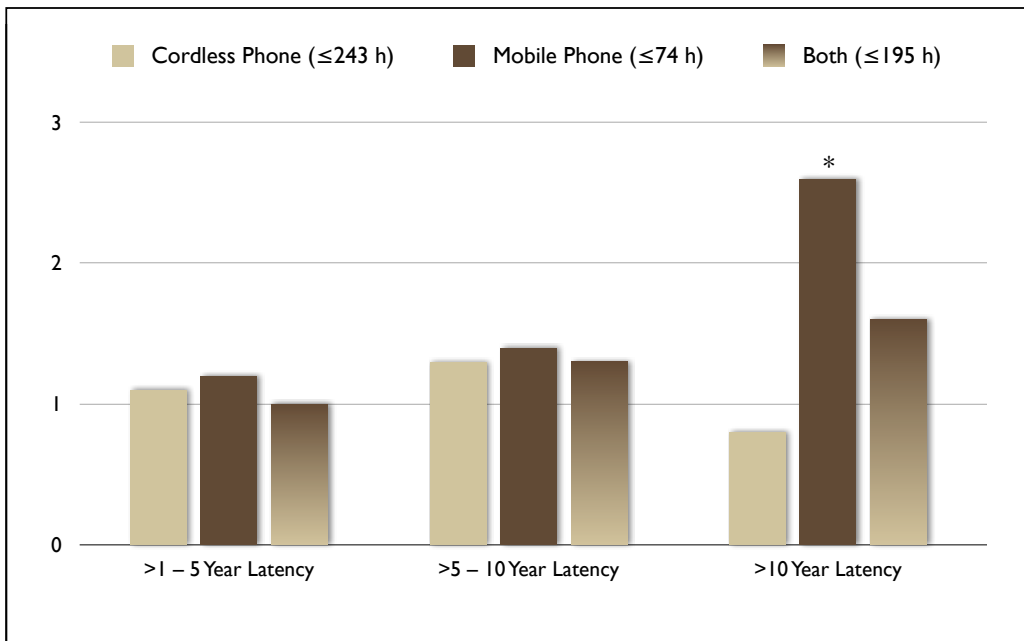
Tumor Risk by Years of Use – Astrocytoma



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

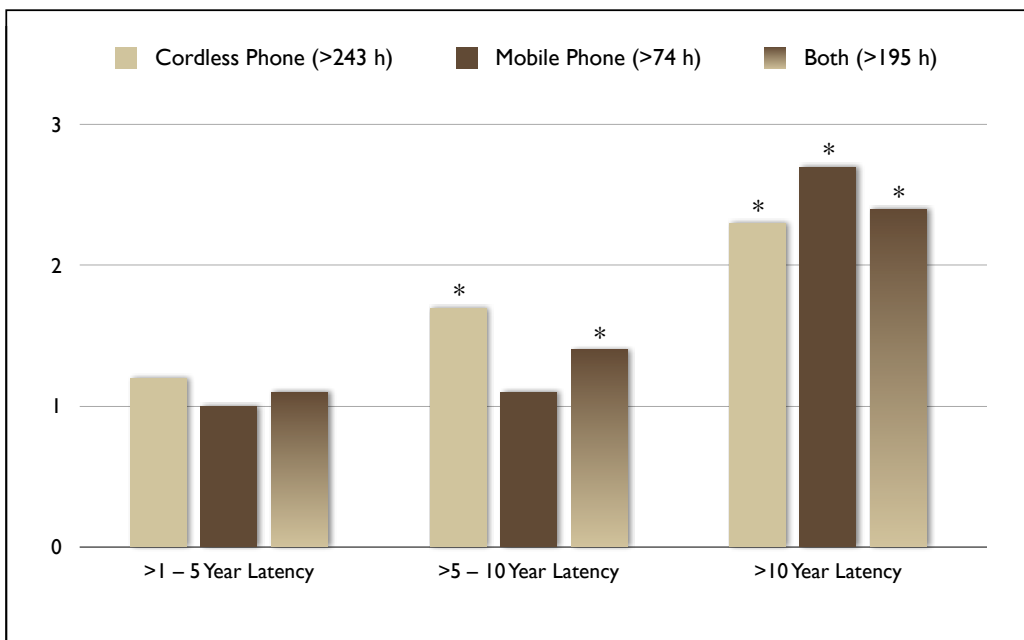
Risk of All Brain Tumors (Usage Below Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

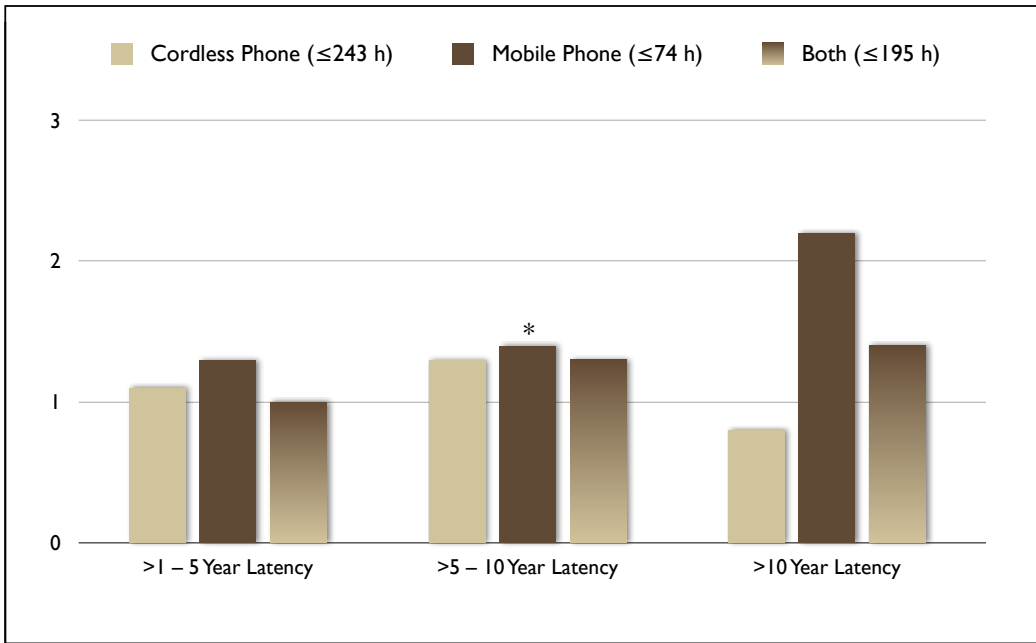
Risk of All Brain Tumors (Usage Above Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

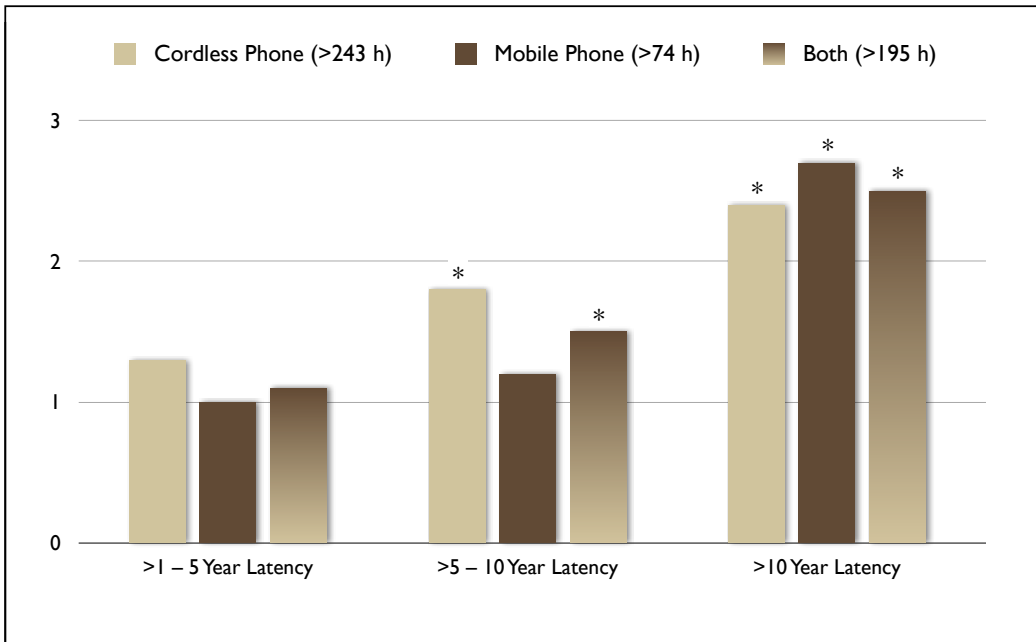
Risk of Glioma (Usage Below Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

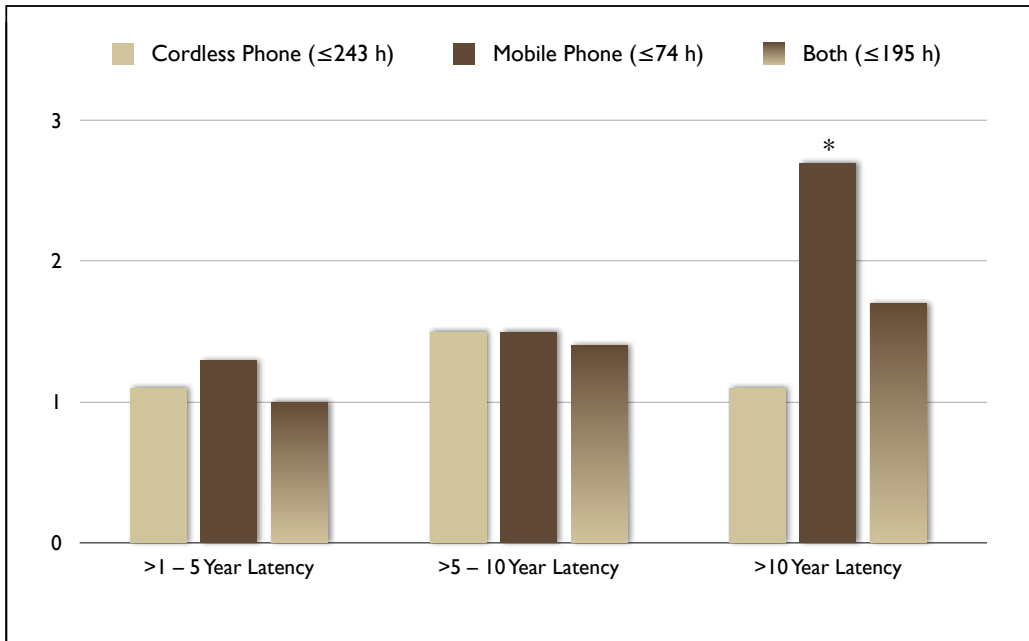
Risk of Glioma (Usage Above Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

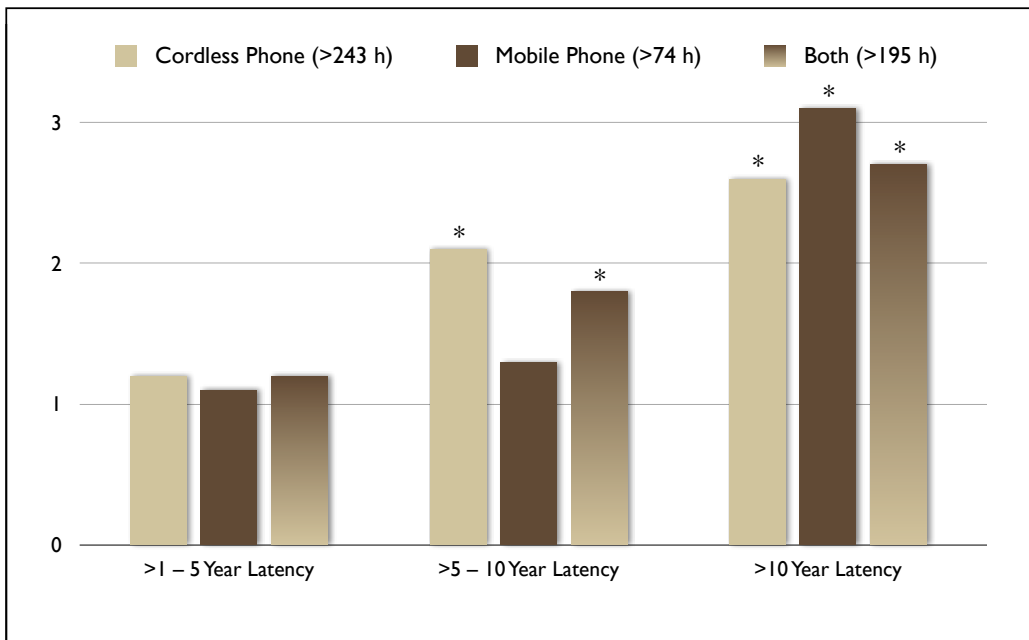
Risk of Astrocytoma (Usage Below Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

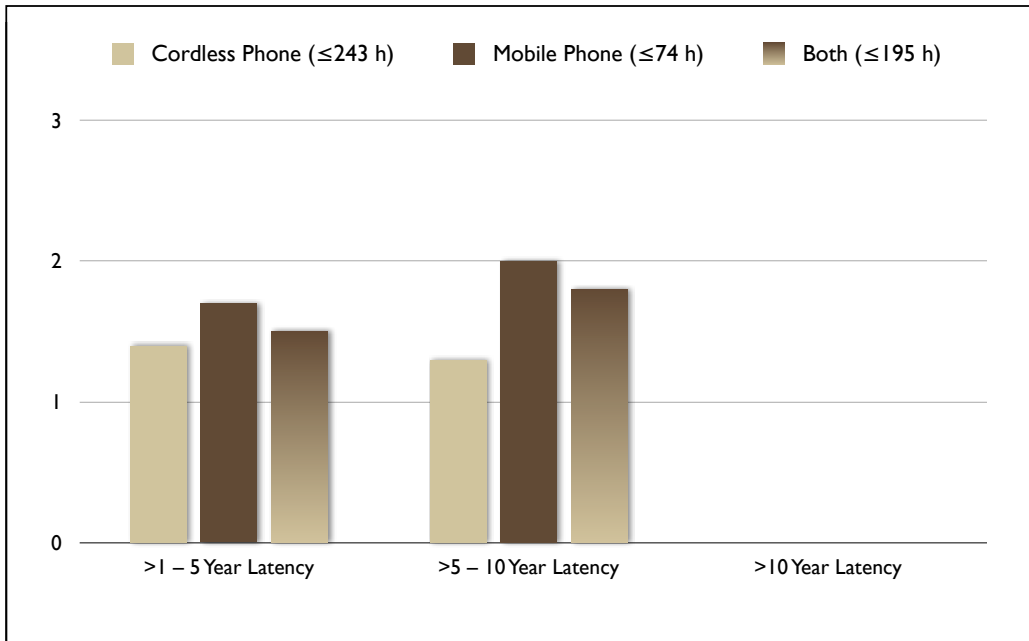
Risk of Astrocytoma (Usage Above Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

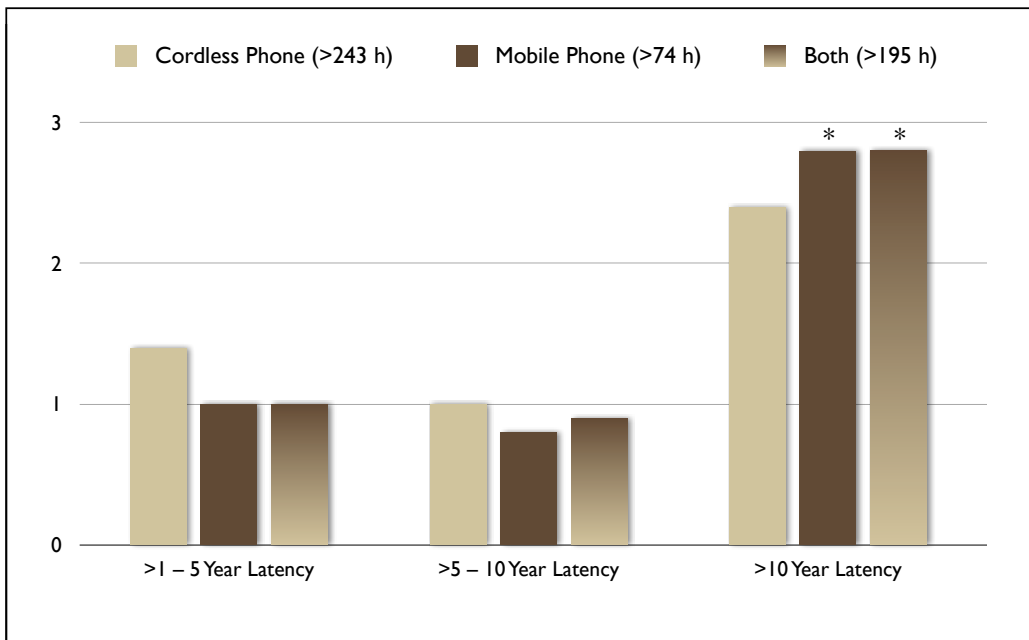
Risk of Oligodendroglioma (Usage Below Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

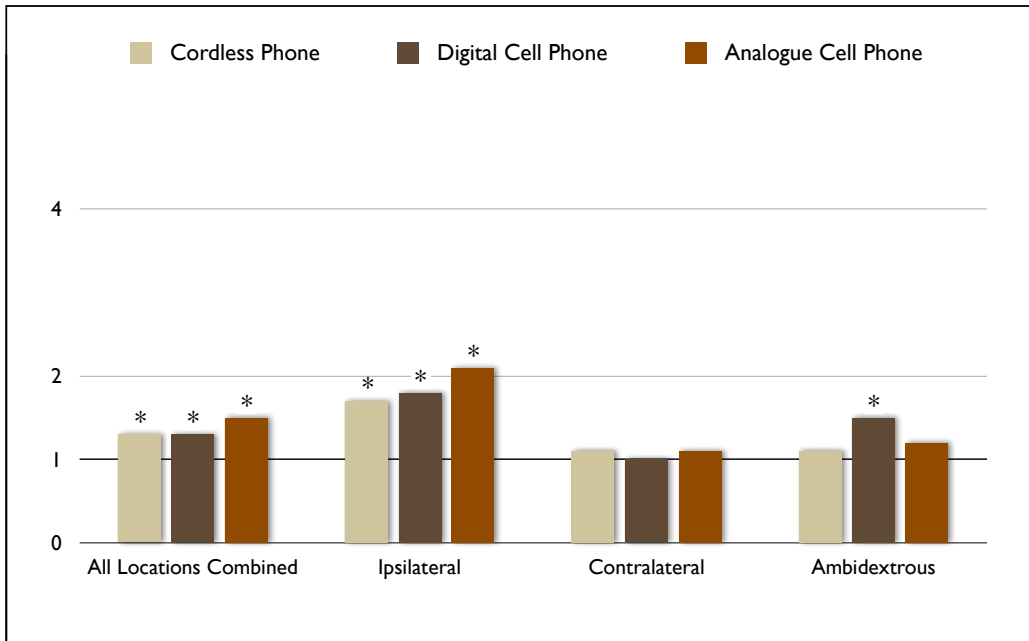
Risk of Oligodendroglioma (Usage Above Median)



Hardell group -- current summary

From Table IV: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

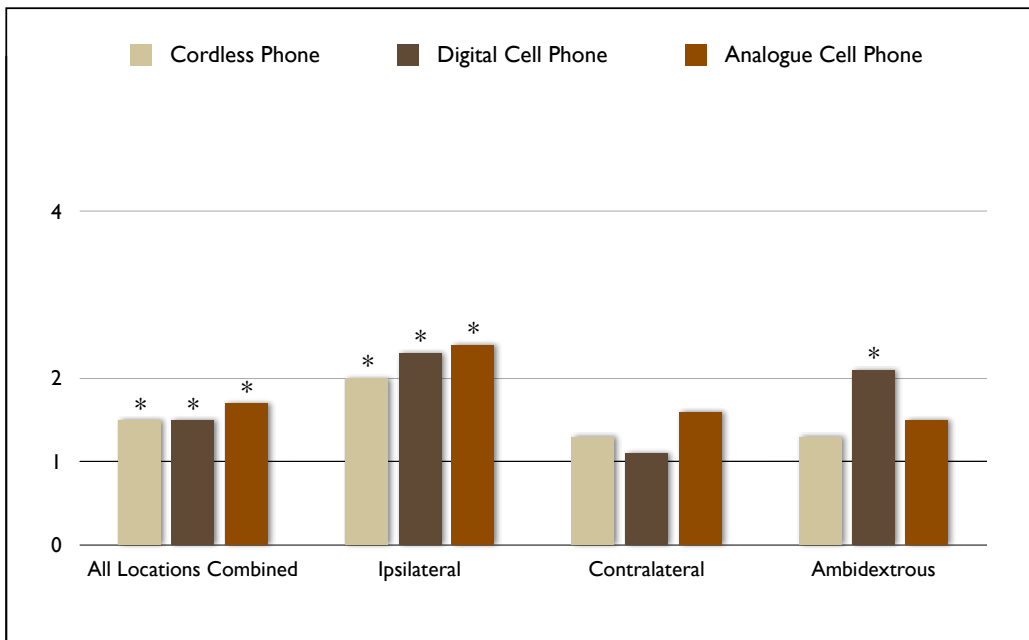
Risk of Tumor by Location – All Tumor Types



Hardell group -- current summary

From Table 3: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003. *Int Arch Occup Environ Health* (2006b); 79(8):630-639.

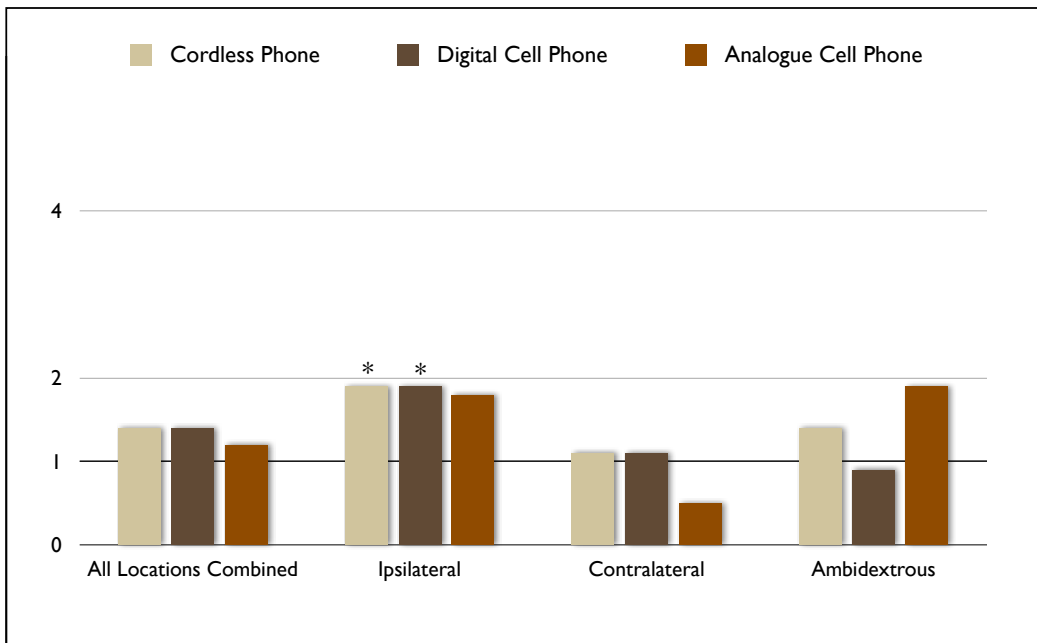
Risk of Tumor by Location – High Grade Astrocytoma



Hardell group -- current summary

From Table 3: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003. *Int Arch Occup Environ Health* (2006b); 79(8):630-639.

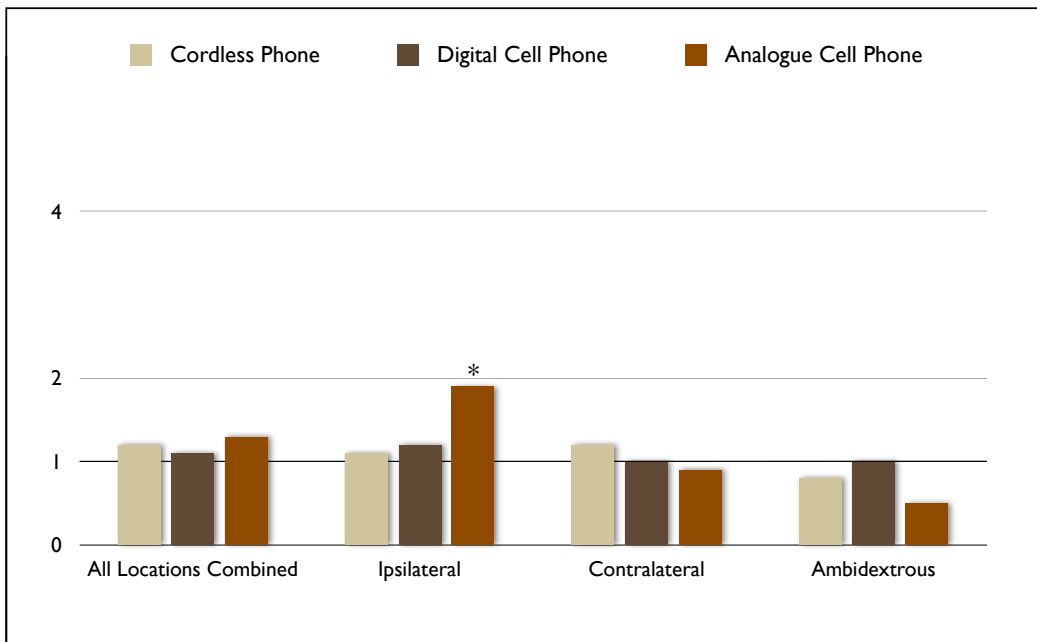
Risk of Tumor by Location – Low Grade Astrocytoma



Hardell group -- current summary

From Table 3: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003. *Int Arch Occup Environ Health* (2006b); 79(8):630-639.

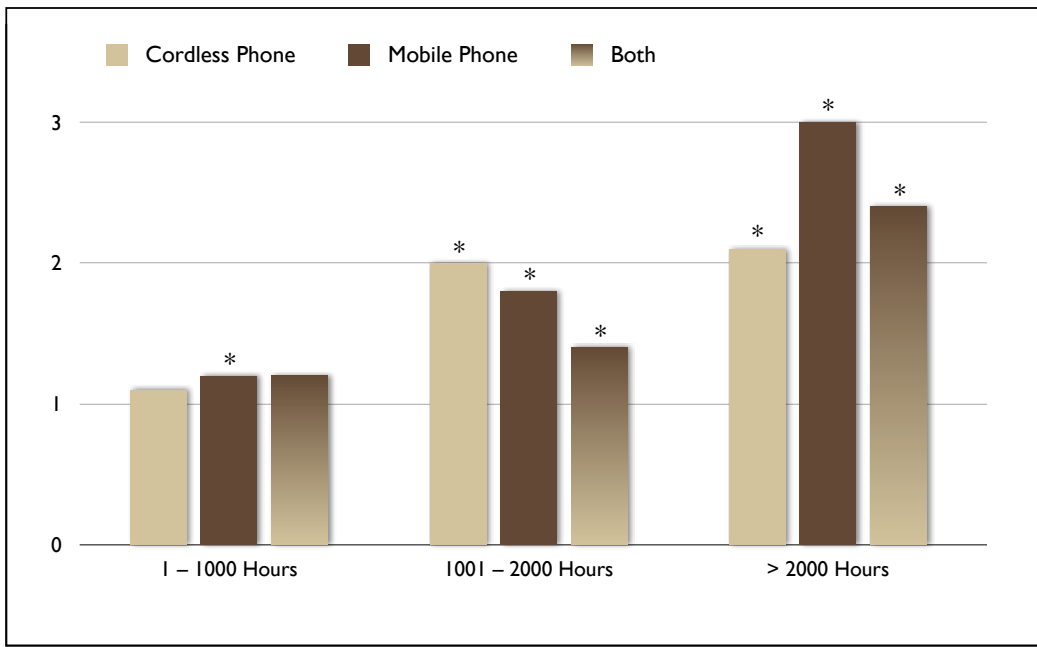
Risk of Tumor by Location – Other Malignant Tumors



Hardell group -- current summary

From Table 3: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003. *Int Arch Occup Environ Health* (2006b); 79(8):630-639.

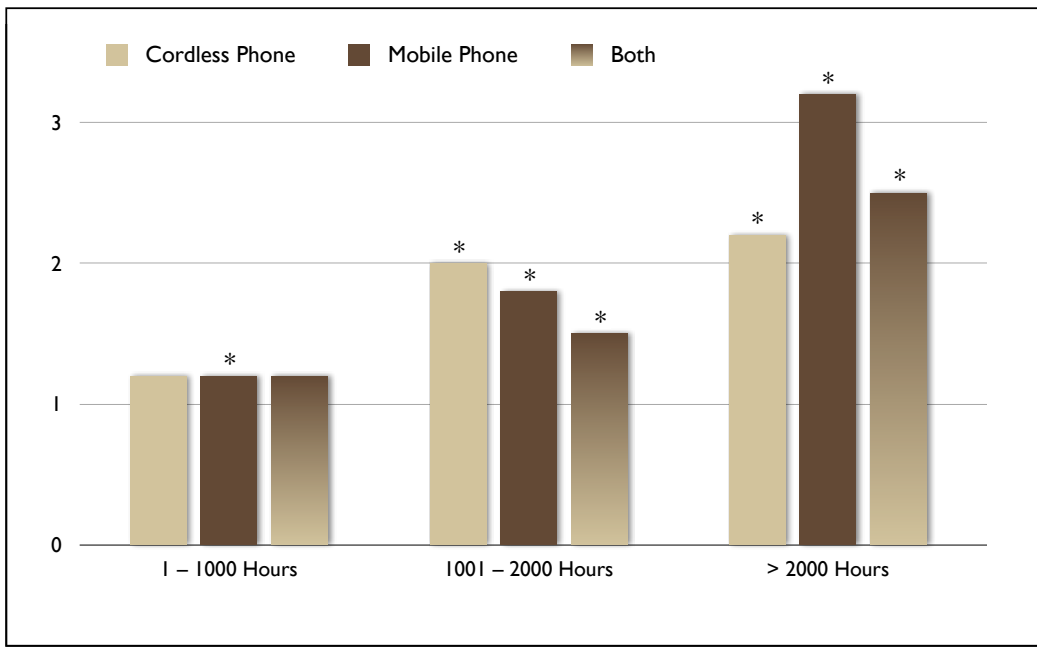
Tumor Risk by Cumulative Hours of Use – Any Brain Cancer



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

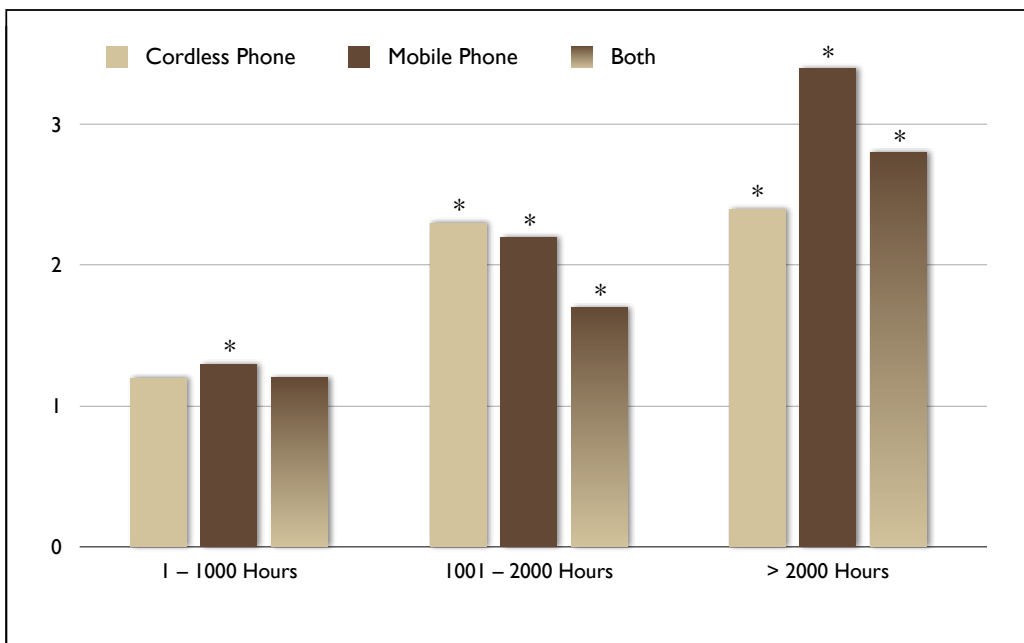
Tumor Risk by Cumulative Hours of Use – Glioma



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

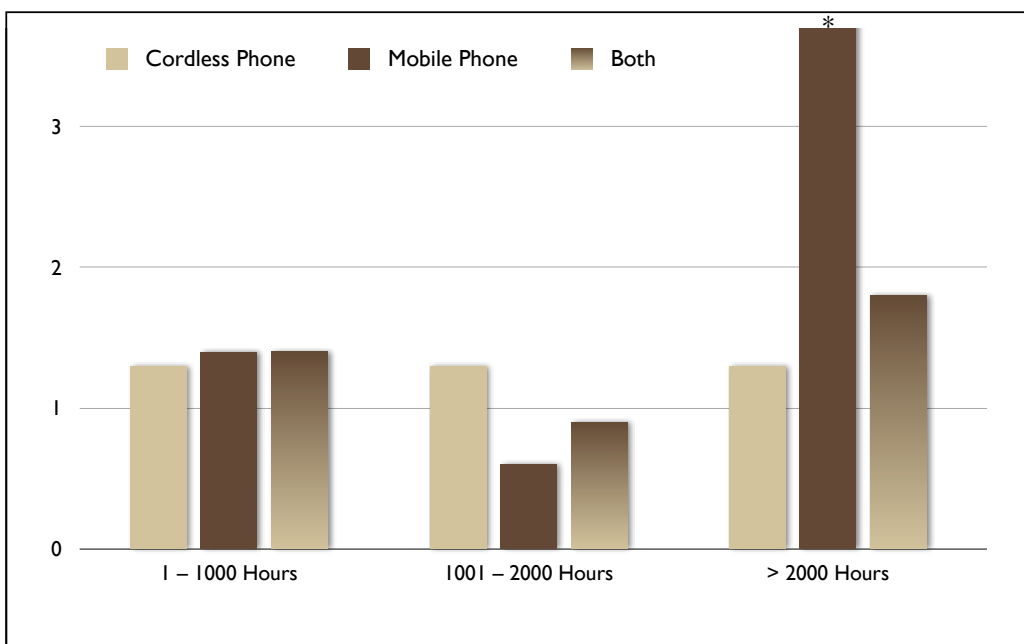
Tumor Risk by Cumulative Hours of Use – Astrocytoma



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

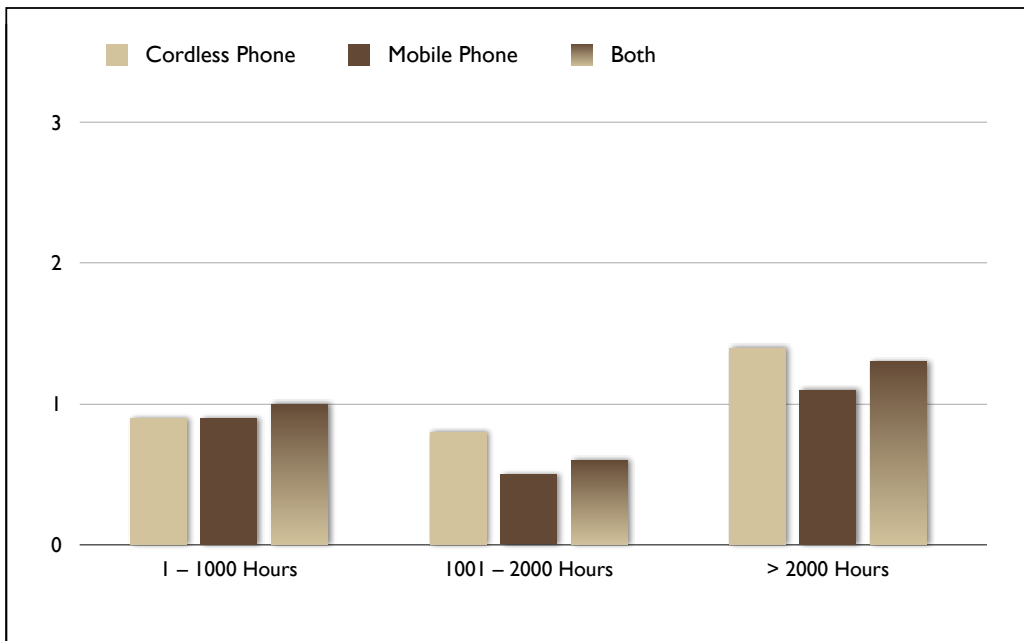
Tumor Risk by Cumulative Hours of Use – Oligodendroglioma



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

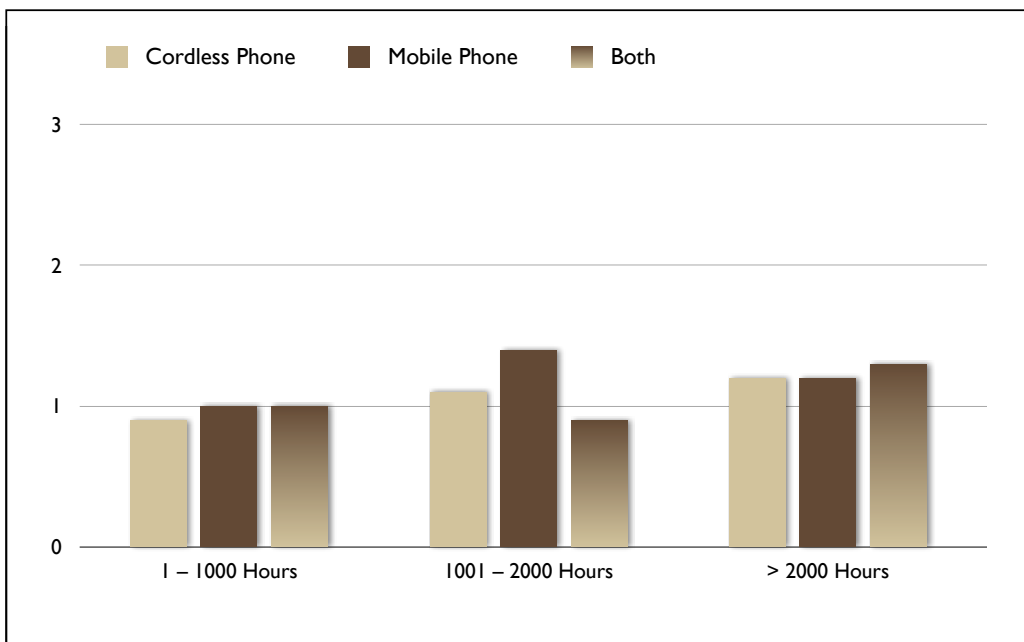
Tumor Risk by Cumulative Hours of Use – Other/Mixed Glioma



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

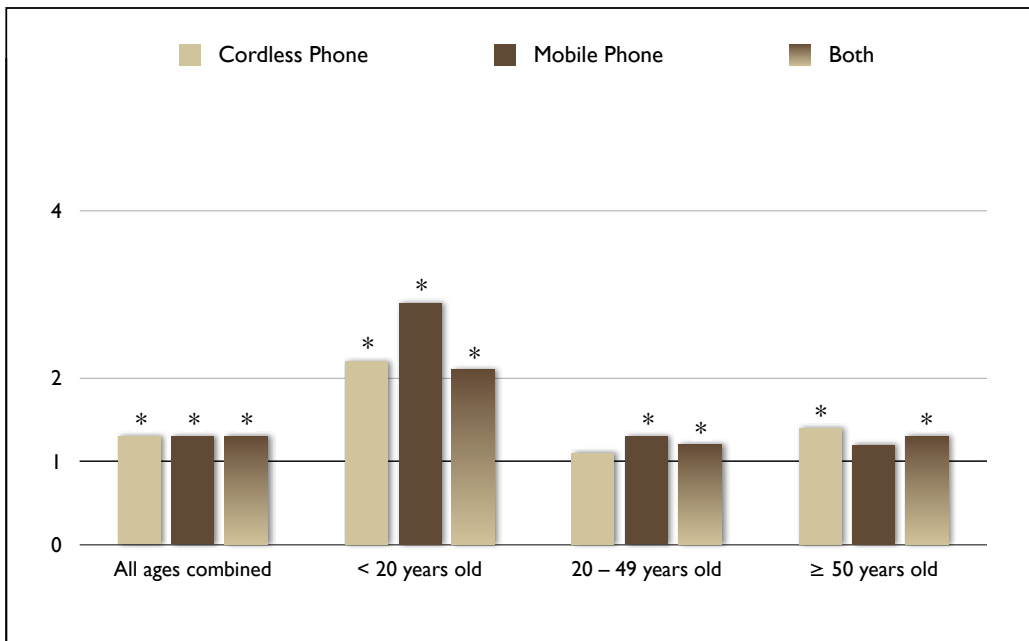
Tumor Risk by Cumulative Hours of Use – Other Brain Malignancy



Hardell group -- current summary

From Table III: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

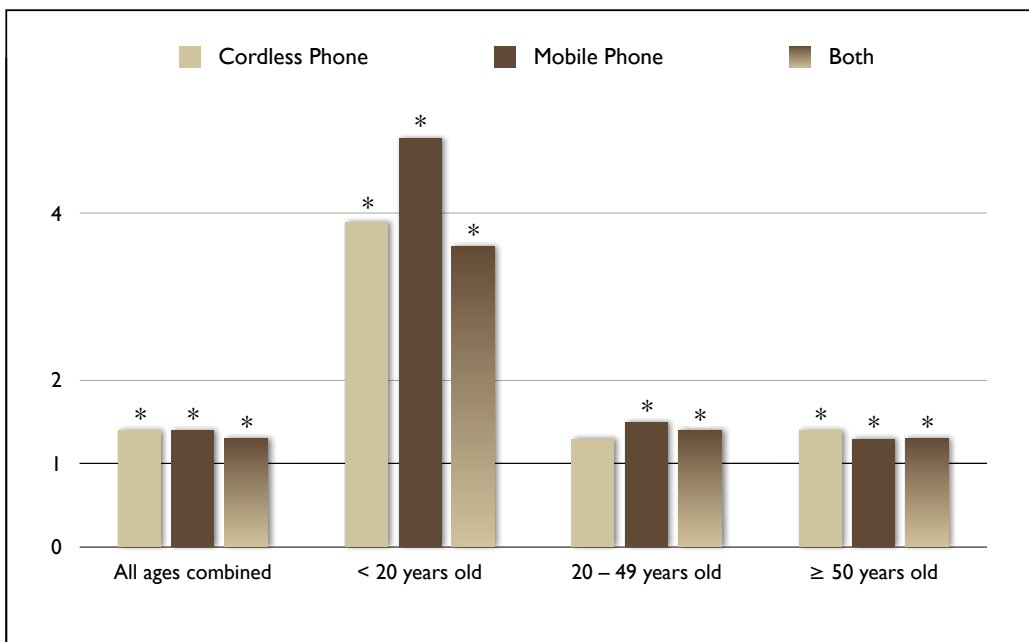
Tumor Risk by Age of First Use – Any Brain Cancer



Hardell group -- current summary

From Table V: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

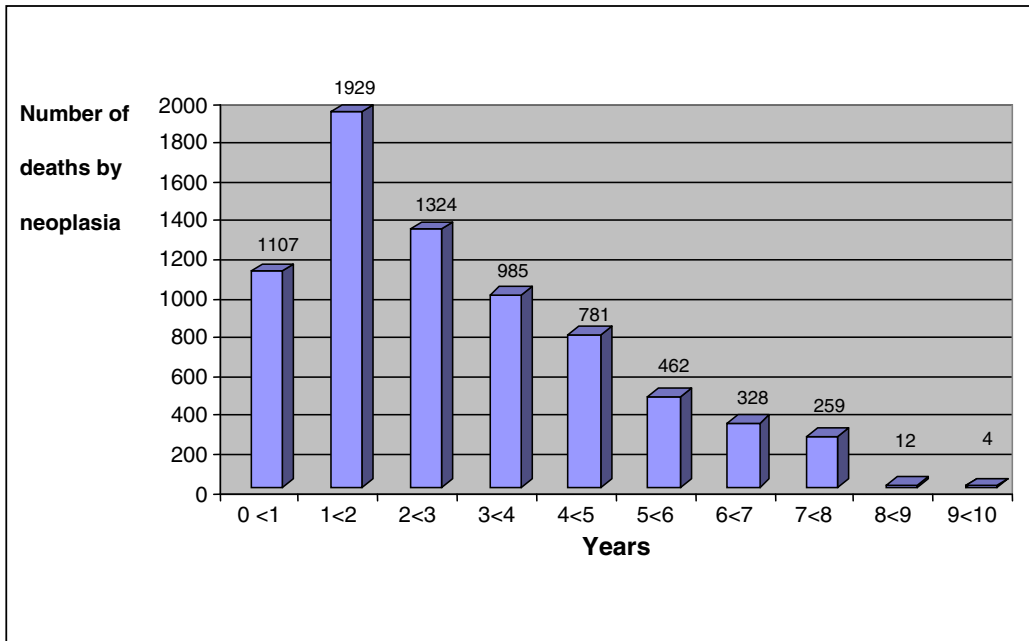
Tumor Risk by Age of First Use – Astrocytoma



Hardell group -- current summary

From Table V: Hardell L, Carlberg M, Hansson Mild K. Pooled analysis of case-control studies on malignant brain tumours and the use of mobile and cordless phones including living and deceased subjects. *Int J Oncol* (2011b); 38(5):1465-1474.

Belo Horizonte, Brazil (2011)



Death rates peaked during the second year of exposure.

Fig. 16. Distribution of the number of deaths by neoplasia versus duration of exposure since the date that the first antenna in each analyzed CT came into operation.

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

Effects of Microwave RF Exposure on Fertility



Impaired Fertility in Fruit Flies



Insects are remarkably resistant to ionizing radiation and radioactivity.

They appear to be much more sensitive to the effects of microwave radio frequency exposures.

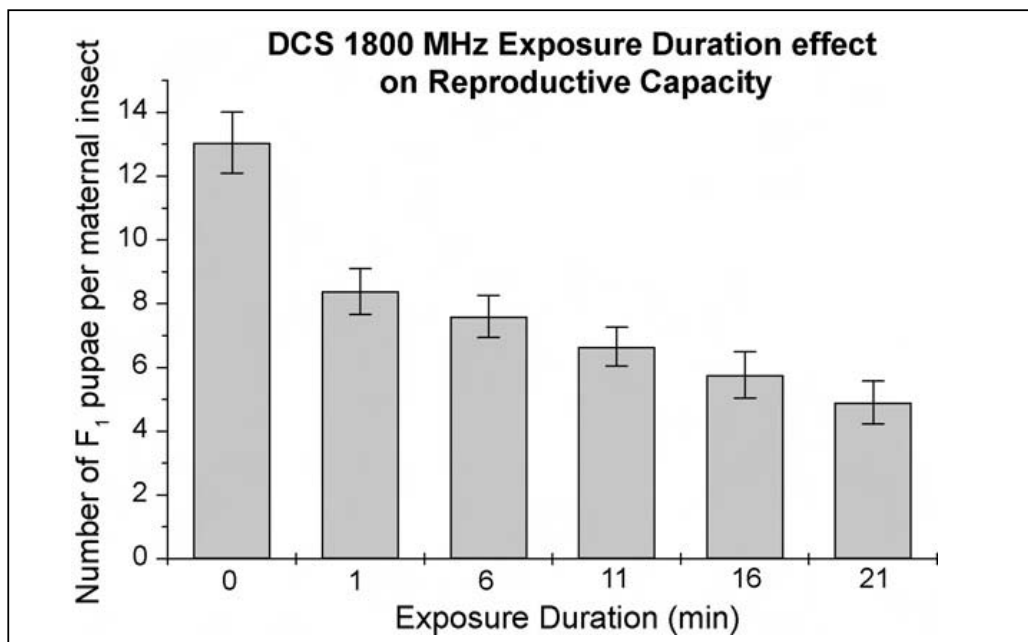
In a recent study, **fruit flies were exposed to 10 $\mu\text{W}/\text{cm}^2$ of GSM 900 MHz or 1800 MHz digital RF.**

This exposure level is 100 times lower than the FCC Guidelines of 1000 $\mu\text{W}/\text{cm}^2$

Exposures were for one single exposure intervals per day for five days, ranging from 1 to 21 minutes per day.

Panagopoulos DJ, Margaritis LH. The effect of exposure duration on the biological activity of mobile telephony radiation. *Mutat Res* (2010); 699(1-2):17-22.

Impaired Fertility in Fruit Flies



0 = control group, with no exposure.

Even at one minute of exposure per day, a significant decrease in fertility is seen.

Fig. 2. Reproductive capacity (mean number of F1 pupae per maternal fly) of groups exposed to DCS 1800MHz radiation for different daily exposure durations (1, 6, 11, 16, and 21min) for five consecutive days, and of sham-exposed groups (no exposure).

Panagopoulos DJ, Margaritis LH. The effect of exposure duration on the biological activity of mobile telephony radiation. *Mutat Res* (2010); 699(1-2):17-22.

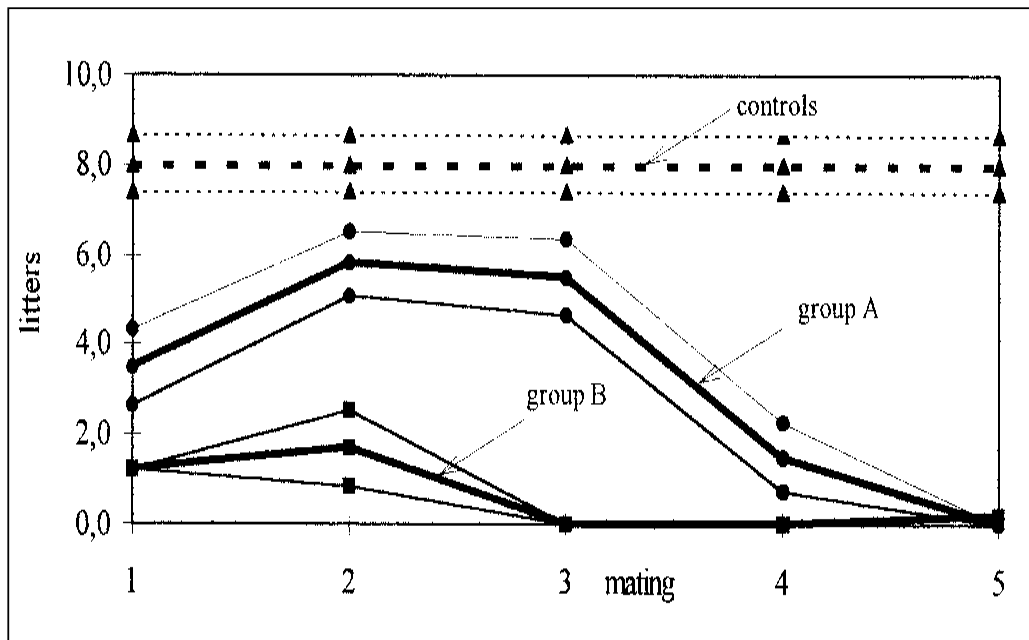
Impaired Fertility in Mammals



This is a Wistar rat.

A great deal of research has been done on the effects of microwave RF on laboratory animals.

Impaired Fertility in Female Mice



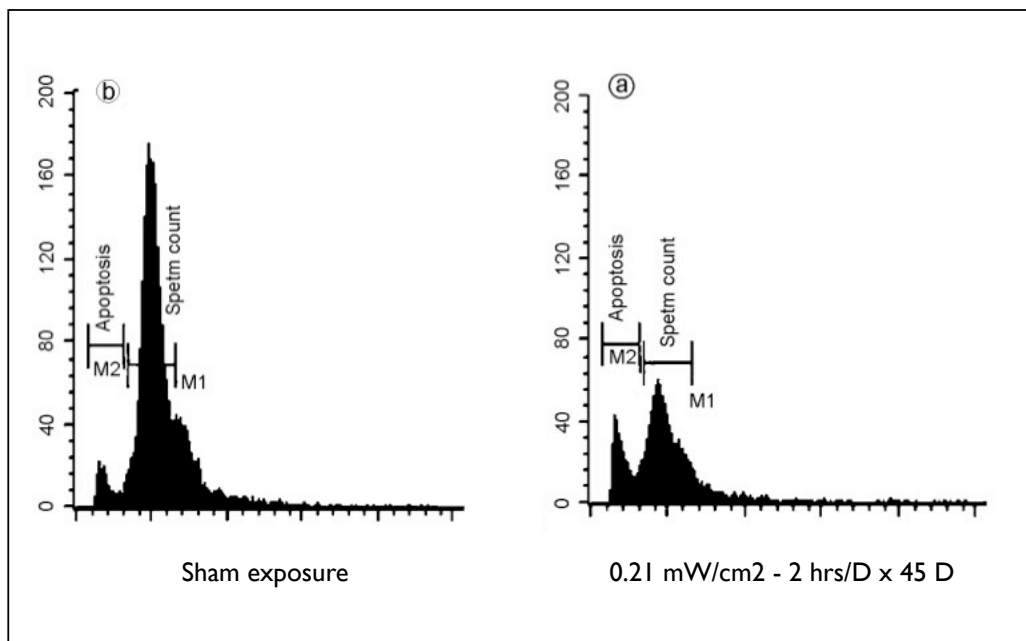
In one study, mice were kept in cages in a VHF/UHF antenna park in Thessaloniki, Greece. Power densities ranged between 0.168 to $1.053 \mu\text{W}/\text{cm}^2$ [reported as 168 – 1053 nanowatts/ cm^2]

This is about 1000 times lower than the FCC Guidelines of $600\text{--}1000 \mu\text{W}/\text{cm}^2$

With repeated matings, litter size decreased, until by the 5th mating, all the dams were infertile.

This infertility was irreversible.

Impaired Fertility in Male Rats



Reduced sperm production in male Wistar rats exposed to 10 GHz microwave RF.

0.21 mW/cm² = **one fifth** of the FCC Guidelines of 1 mW/cm²

OTHER EFFECTS: Increases in reactive oxygen species, increased free radical formation, decreased activity of glutathione peroxidase and superoxide dismutase, DNA strand breakage, increased apoptosis (cell death) in sperm cells, distortion of sperm structure, reduced testosterone levels, shrinkage of seminiferous tubules and testicular size, decreased number and weight of progeny.

Kesari KK, Kumar S, Behari J. Effects of radiofrequency electromagnetic wave exposure from cellular phones on the reproductive pattern in male Wistar rats.

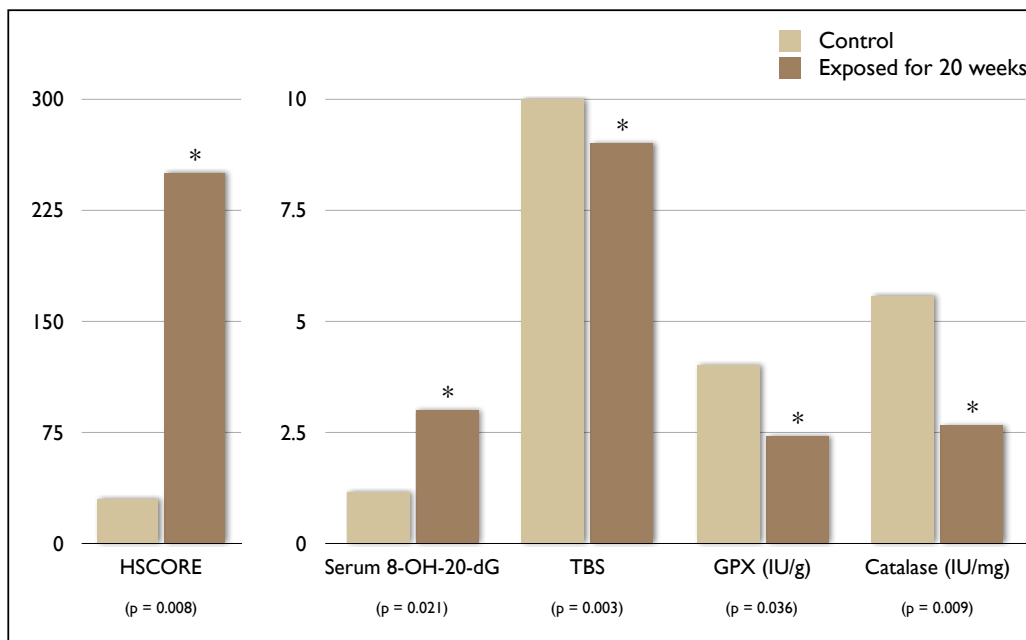
Appl Biochem Biotechnol (2011); 164(4):546-559.

Kesari KK, Kumar S, Behari J. Pathophysiology of microwave radiation: effect on rat brain. *Appl Biochem Biotechnol* (2012); 166(2):379-388.

Kumar S, Kesari KK, Behari J. Influence of microwave exposure on fertility of male rats. *Fertil Steril* (2011); 95(4):1500-1502.

Kumar S, Behari J, Sisodia R. Influence of electromagnetic fields on reproductive system of male rats. *Int J Radiat Biol* (2012); epub Nov 13:1-8

WiFi Exposure Damages Sperm With Oxidant Stress.



The rats were exposed to a Standard WiFi gateway, 24 hours a day for 20 days.

HSCORE = histological staining in testes for 8-OH-20-dG [8-hydroxy-20-deoxyguanosine, **byproduct of DNA damage**]

Serum 8-OH-20-dG (ng/ml) [byproduct of DNA damage]

TBS = testicular biopsy score

9 = Much spermatogenesis, but germinal epithelium disorganized with marked sloughing or obliteration of lumen

GPX = glutathione peroxidase, an antioxidant (consumed by oxidative stress in exposed rats).

Atasoy HI, Gunal MY, Atasoy P, Elgun S, Bugdayci G. Immunohistopathologic demonstration of deleterious effects on growing rat testes of radiofrequency waves emitted from conventional Wi-Fi devices. *J Pediatr Urol* (2012); March 30.

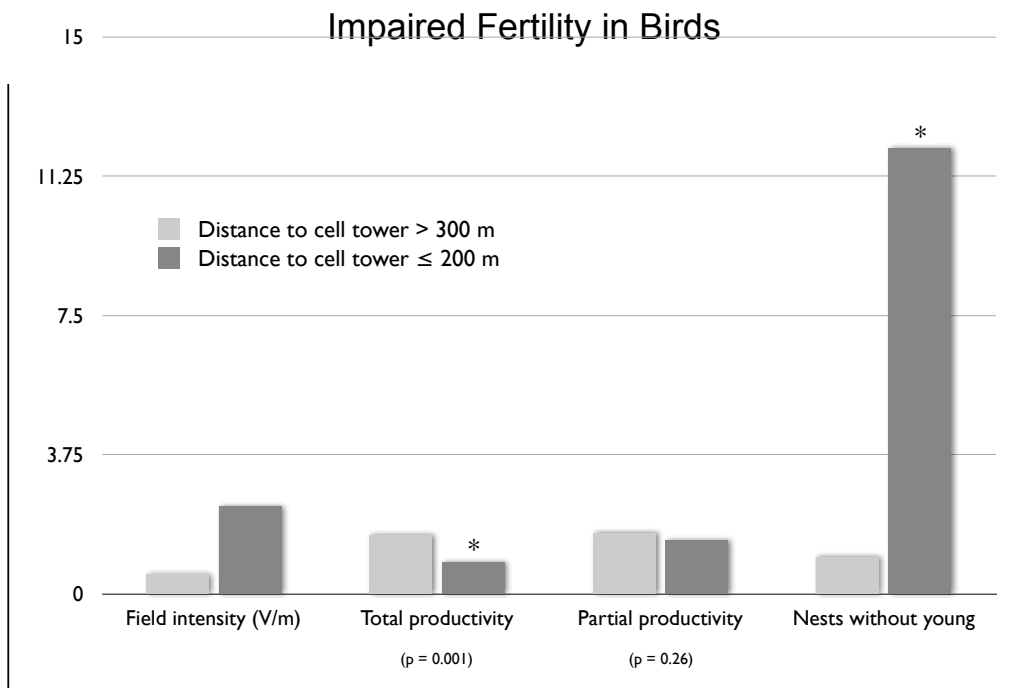
Impaired Fertility in Birds



In Valladolid, Spain, a study compared the productivity of storks nesting closer and farther from a cell phone tower site.

30 nests within 200 meters of the antennae, were compared with 30 nests greater than 300 meters from the antennae

Balmori A. Possible Effects of Electromagnetic Fields from Phone Masts on a Population of White Stork. *Electromagn Biol Med* (2005); 24(2):109-119.



Productivity was significantly reduced in birds in the high exposure group.

Average electric field intensity on nests within 200m = $2.36 \pm 0.82 \text{ V/m}$ (~ $1.48 \mu\text{W/cm}^2$)

This is more than 400 times less than the FCC Guidelines of $600\text{--}1000 \mu\text{W/cm}^2$

Average electric field intensity on nests further than 300m = $0.53 \pm 0.82 \text{ V/m}$ (~ $0.07 \mu\text{W/cm}^2$).

Balmori A. Possible Effects of Electromagnetic Fields from Phone Masts on a Population of White Stork. *Electromagn Biol Med* (2005); 24(2):109-119.

Impaired Fertility in Amphibians



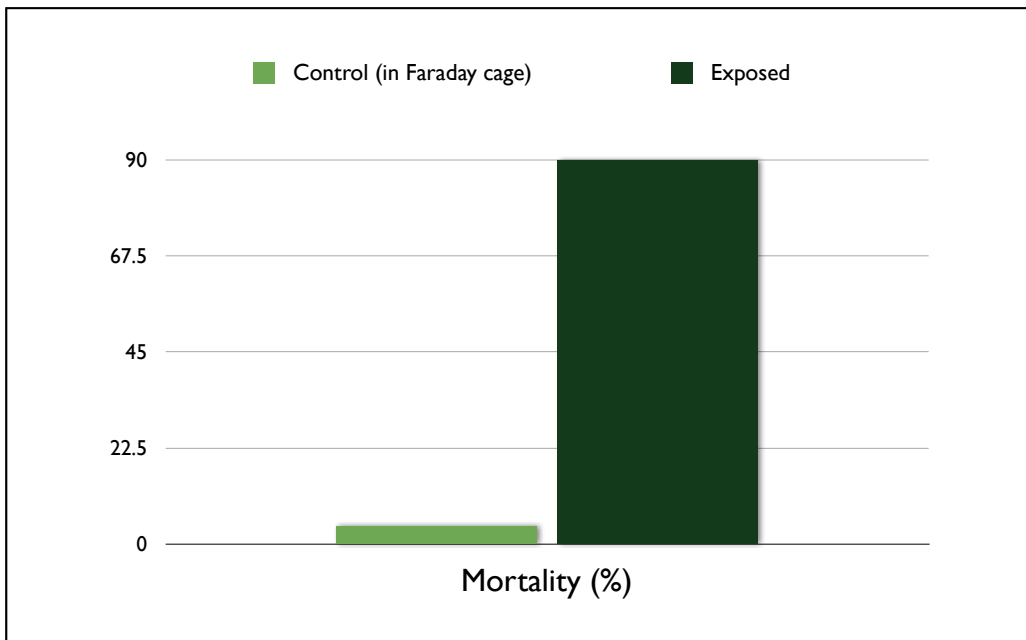
Eggs and tadpoles of the European common frog (*Rana temporaria*) were exposed to RF/EFM from several cell towers located at a distance of 140 meters.

Duration of exposure was 2 months (from egg phase to advanced tadpole stage).

Control groups were placed in same conditions, but contained in a faraday cage that shielded the eggs from RF exposure.

Balmori A. Mobile phone mast effects on common frog (*Rana temporaria*) tadpoles: the city turned into a laboratory. *Electromagn Biol Med* (2010a); 29(1-2):31-35.

Impaired Fertility in Amphibians



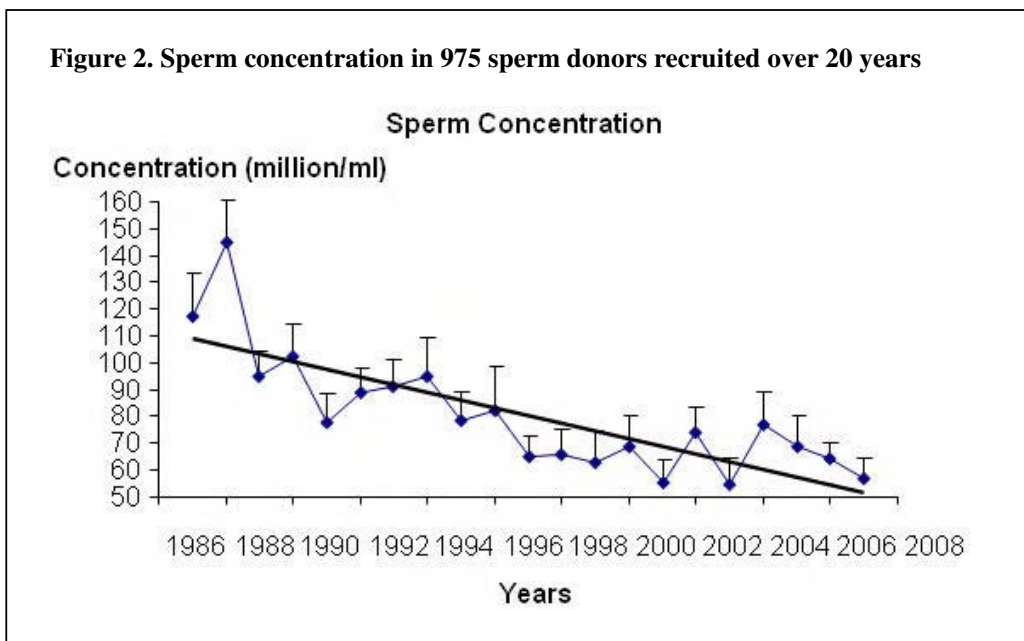
Exposure intensity 1.8 to 3.5 V/m (~ 0.8–3.2 $\mu\text{W}/\text{cm}^2$).

This is 200 times less than the FCC Guidelines of 600–1000 $\mu\text{W}/\text{cm}^2$

[In the exposed group (n = 70), low coordination of movements and asynchronous growth was observed in living specimens, resulting in both big and small tadpoles. In the control group (n = 70), growth was normal.]

Balmori A. Mobile phone mast effects on common frog (*Rana temporaria*) tadpoles: the city turned into a laboratory. *Electromagn Biol Med* (2010a); 29(1-2):31-35.

Impaired Fertility in Humans



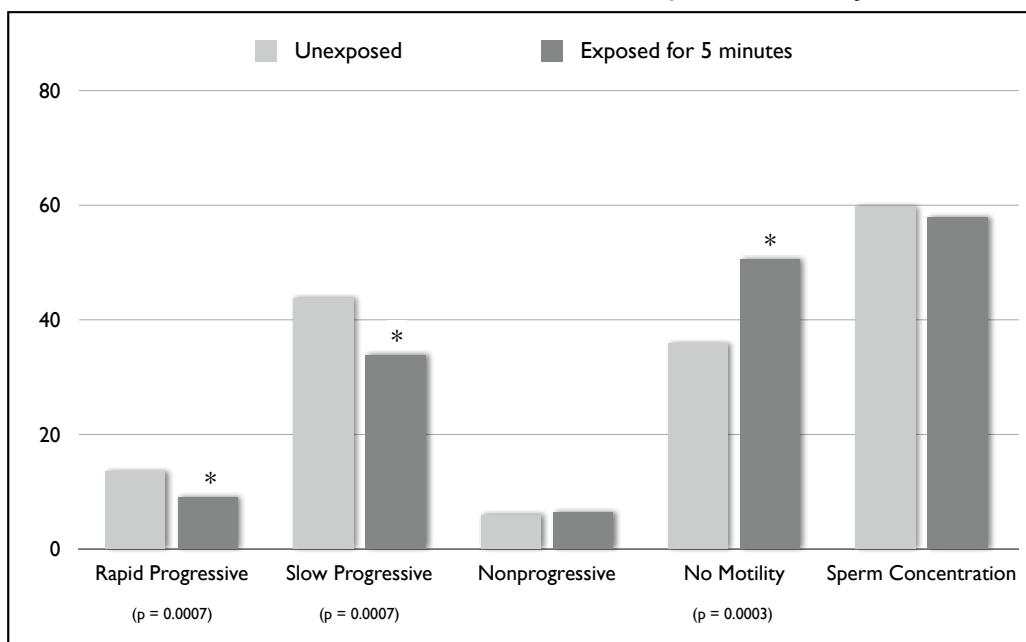
Sperm counts have been dropping worldwide for the last several decades.
 (e.g. In New Zealand, 2.5% per year for the last 20 years).

Pesticides have been implicated.

Some evidence suggests that microwave RF exposure may also play a role.

Shine R, Peek J, Birdsall M. Declining sperm quality in New Zealand over 20 years. *N Z Med J* (2008); 121(1287):50-56.

Cell Phone Transmissions Decrease Sperm Motility in Vitro



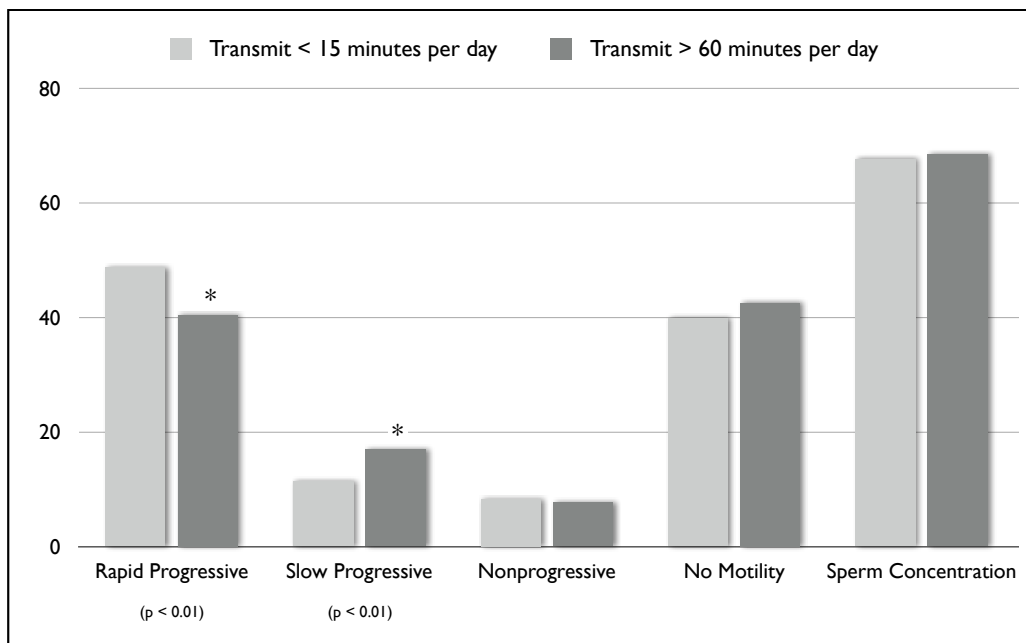
Samples of human sperm received 5 minutes exposure, 10 cm from a transmitting GSM 900 MHz cell phone.
 Average power density of exposure: 20 $\mu\text{W}/\text{cm}^2$

This is 30 times less than the FCC Exposure Guideline of 600 $\mu\text{W}/\text{cm}^2$

(Y axis = values in %)

Erogul O, Oztas E, Yildirim I et al. Effects of electromagnetic radiation from a cellular phone on human sperm motility: an in vitro study. *Arch Med Res* (2006); 37(7):840-843.

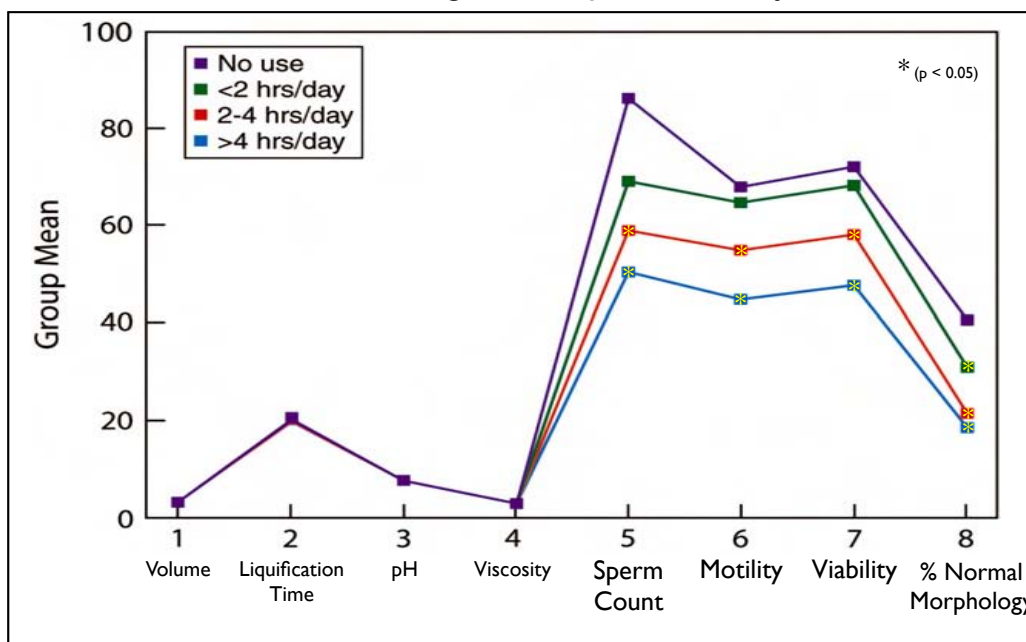
Cell Phone Use Decreases Sperm Motility in Vivo



Semen analysis performed on 371 men at a university clinic.
 Health questionnaire included query of cell phone use habits.
 (Y axis = values in %)

Fejes I, Zavaczki Z, Szollosi J et al. Is there a relationship between cell phone use and semen quality? *Arch Androl* (2005); 51(5):385-393.

Cell Phone Use Degrades Sperm Quality in Vivo



Three hundred sixty-one men undergoing infertility evaluation were divided into four groups according to their active cell phone use:

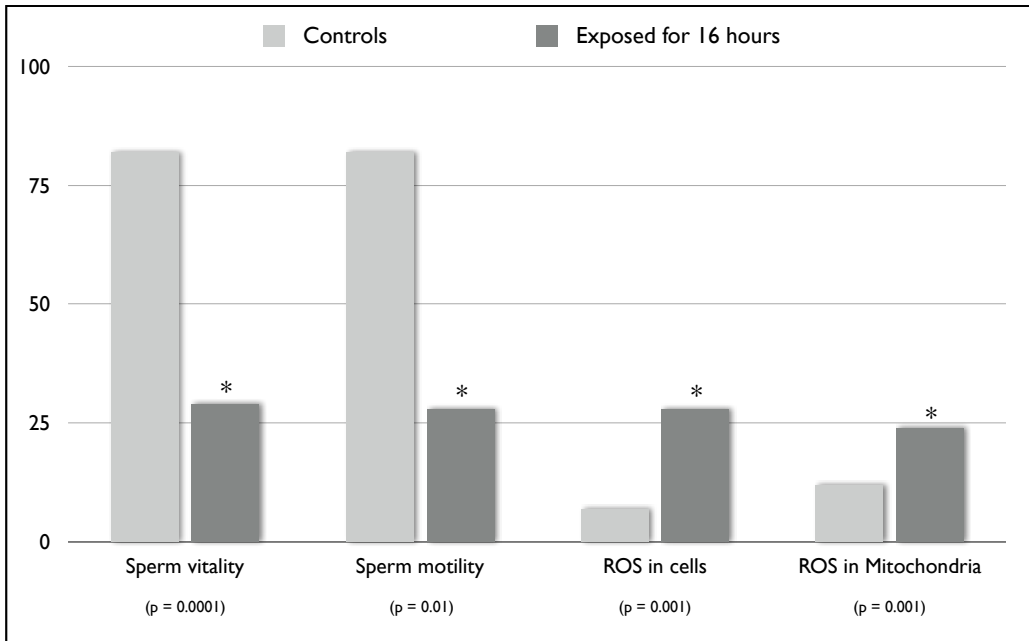
group A: no use; group B: <2 h/day; group C: 2-4 h/day; and group D: >4 h/day.

With greater than two hours a day of reported talk time, significant reduction in **sperm count, motility, viability, and % normal morphology** were observed.

[One can assume that with texting rather than talking, the data might be even worse . . . as the phone antenna will be closer to the testes.]

Agarwal A, Deepinder F, Sharma RK, Ranga G, Li J. Effect of cell phone usage on semen analysis in men attending infertility clinic: an observational study. *Fertil Steril* (2008); 89(1):124-128.

Isothermal Exposure to 1.8 GHz RF Damages Sperm



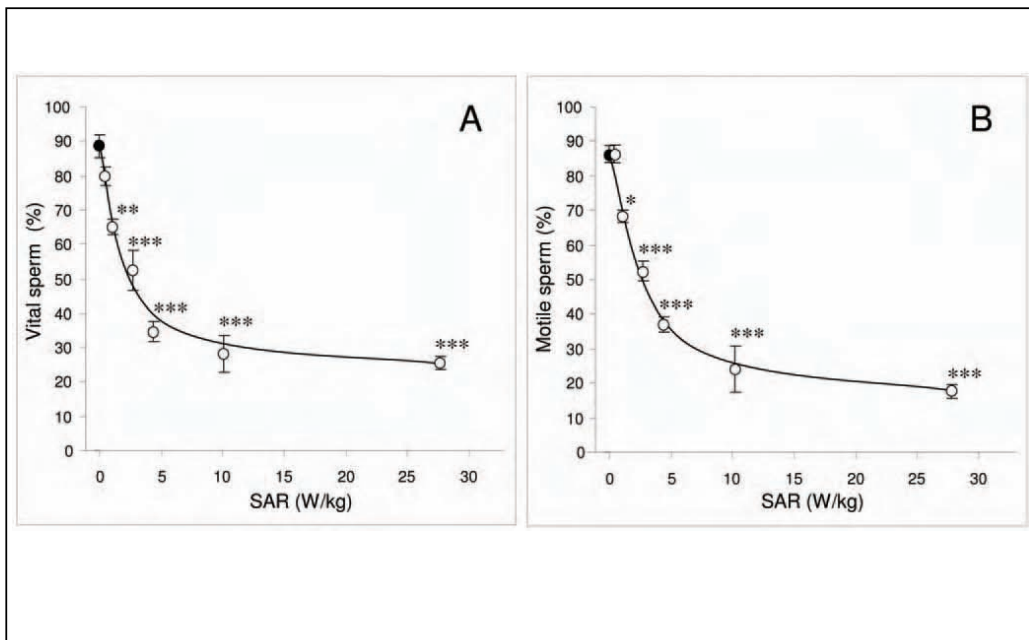
Sperm exposed for 16 hours in vitro to 1.8 GHz (SAR = 27.5 W/kg) @ 21°C (isothermal conditions).

Sperm damage correlates with increased free radical (ROS) production.

Values in %.

De Iuliis GN, Newey RJ, King BV, Aitken RJ. Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro. *PLoS One* (2009); 4(7):e6446 (1-9).

1.8 GHz RF Degrades Sperm Quality In Vitro



1.8 GHz RF at various intensities for 16 hours @ 21°C

This is an isothermal exposure

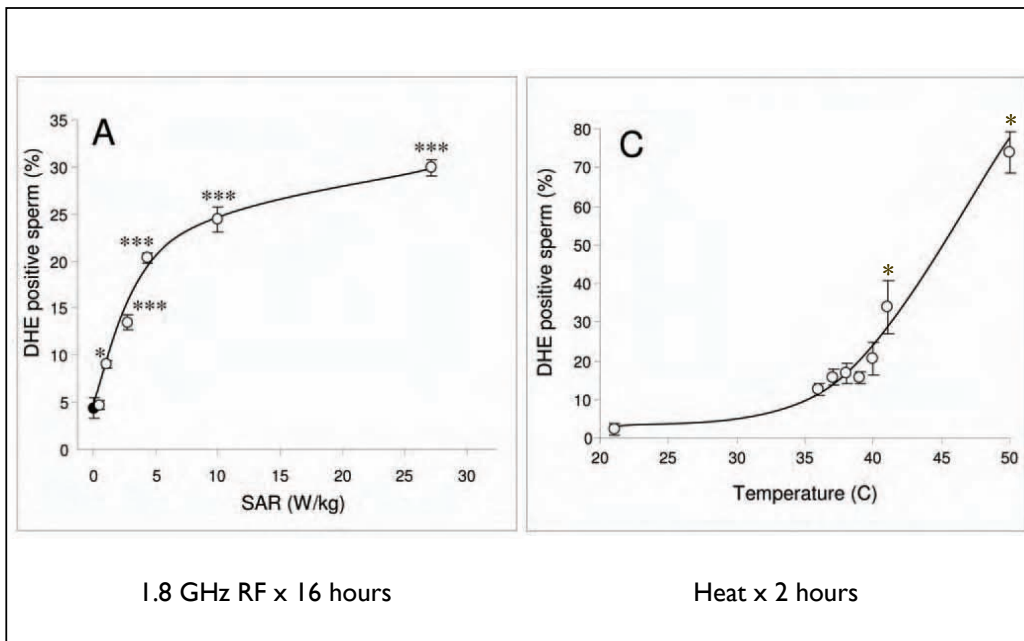
Sperm vitality and motility are significantly detruded at SAR = 1 W/kg and above

Figure 2. RF-EMR exposure reduces motility and vitality of human spermatozoa, in an SAR dependent manner. Percoll-purified spermatozoa (5×10^6 cells) were suspended in 1 ml BWB in a 35 mm Petri dish and placed within the waveguide while control cells (closed circles) were placed outside the waveguide. Cells in the waveguide were exposed to 1.8 GHz RF-EMR at SAR levels of 0.4, 1.0 2.8 4.3 10.1 and 27.5 W/kg (open circles) for 16 h at 21°C. Both vitality and motility were reduced in a dose dependent manner.

A, Vitality was significantly reduced at a SAR of 1.0 W/kg from $89\% \pm 3\%$ to $65\% \pm 1\%$ (**p.0.01).

B, Motility was also significantly reduced at a SAR of 1.0 W/kg from $86\% \pm 2\%$ to $68\% \pm 2\%$ (*p.0.05). All results are based on 4 independent samples.

ROS Production – RF versus Thermal



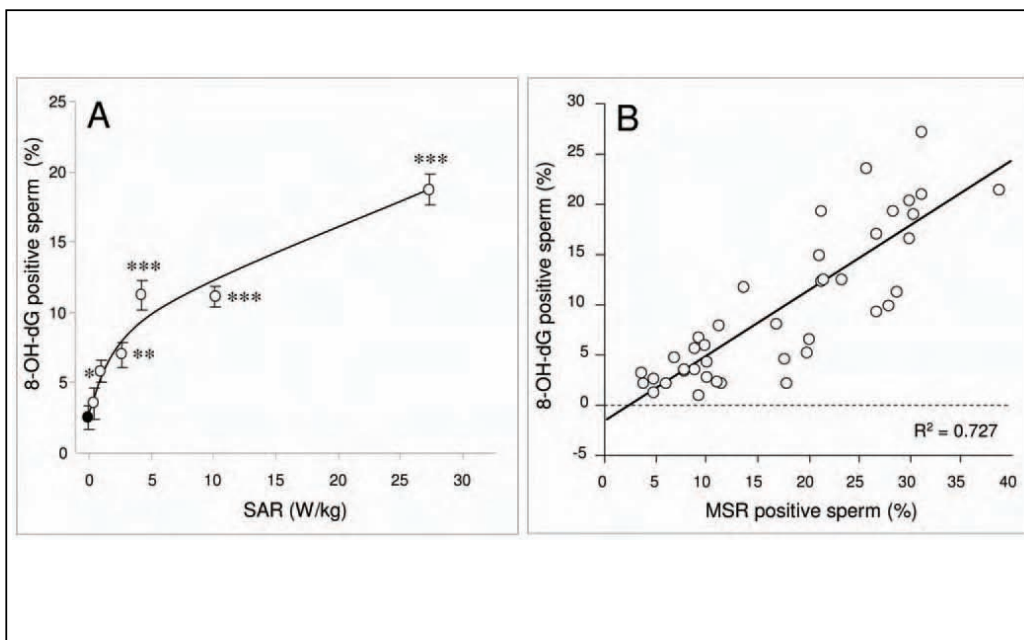
A. ROS generation (DHE response) was significantly increased from control levels after exposure to 1.0 W/kg (*p, 0.05) and above (***p,0.001).

C. In order to control for thermal effects, the impact of temperature of cellular ROS generation was monitored; a significant increase in ROS generation was observed as temperatures rose above 40°C (p,0.001).

Figure 3. RF-EMR induces ROS generation in human spermatozoa, in an SAR-dependent manner unrelated to thermal effects.

De Iuliis GN, Newey RJ, King BV, Aitken RJ. Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro. *PLoS One* (2009); 4(7):e6446 (1-9).

Oxidative Damage To Sperm DNA From 1.8 GHz RF Exposure



1.8 GHz RF x 16 hours @ 21°C isothermal.

A) As the power levels were increased, the amount of oxidative DNA damage expressed also increased.

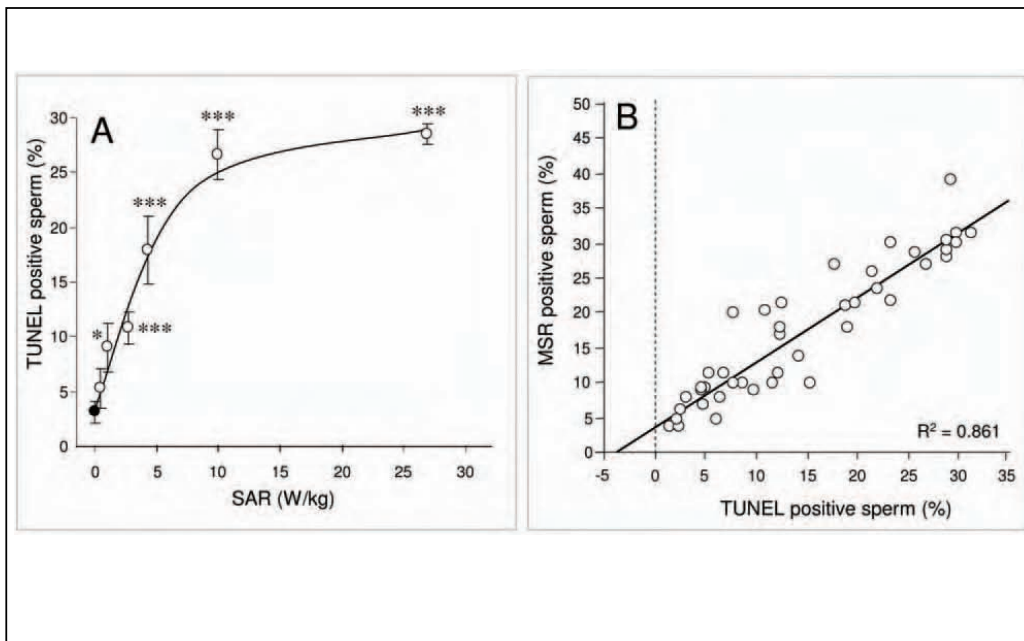
A significant amount of oxidative DNA damage was observed in cells exposed to 2.8 W/kg (*p,0.05) RF-EMR and above (**p,0.01; ***p,0.001).

B) The levels of 8-OH-dG expression were positively correlated with the levels of ROS generation by the mitochondria (R2 = 0.727).

Figure 4. RF-EMR induces oxidative DNA damage in human spermatozoa.

De Iuliis GN, Newey RJ, King BV, Aitken RJ. Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro. *PLoS One* (2009); 4(7):e6446 (1-9).

RF Damages Sperm by Increasing Oxidative Stress



A) Significant levels of DNA fragmentation was observed in exposed spermatozoa at 2.8 W/kg (*p,0.05) and above (**p,0.001).

B) DNA fragmentation was positively correlated with ROS production by the mitochondria as monitored by MSR. ($R^2 = 0.861$).

Figure 5. RF-EMR induces DNA fragmentation in human spermatozoa.

De Iuliis GN, Newey RJ, King BV, Aitken RJ. Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro. *PLoS One* (2009); 4(7):e6446 (1-9).

Comments on Notice of Inquiry, ET Docket No. 13-84
Sperm Damage From Laptop WiFi

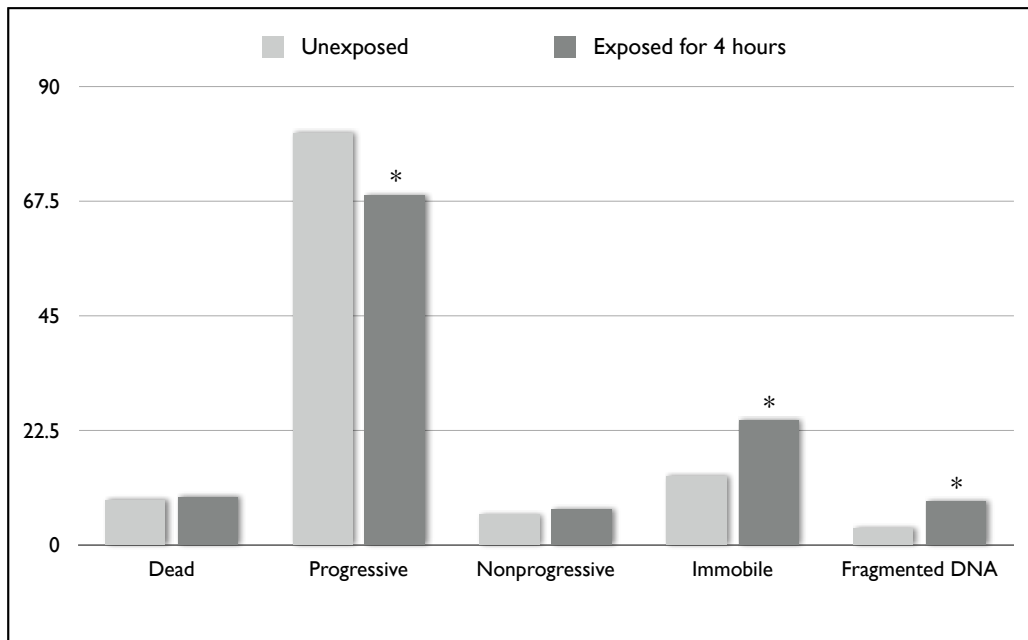


Motile spermatozoa in semen were incubated at room temperature,
3 cm below laptop computer (e.g. lap distance)
4 hours of exposure.

Control incubated in similar conditions, without presence of the computer.

Avendano C, Mata A, Sanchez Sarmiento CA, Doncel GF. Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation. *Fertil Steril* (2012); 97(1):39-45.

Sperm Damage From Laptop WiFi



Power density ranged 0.45 to 1.05 $\mu\text{W}/\text{cm}^2$

[This is roughly **1000 times less than the FCC exposure limit** of 1000 $\mu\text{W}/\text{cm}^2$]

Avendano C, Mata A, Sanchez Sarmiento CA, Doncel GF. Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation. *Fertil Steril* (2012); 97(1):39-45.

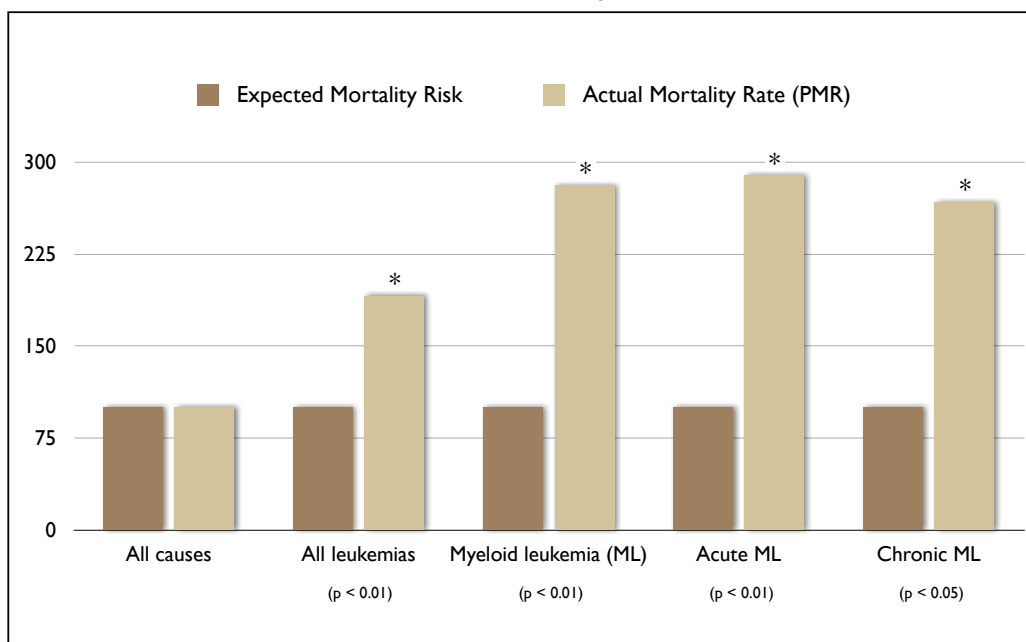
Consequences of Chronic Microwave RF Exposure



Fig. 2. Geographical location of BS Site BH 20 at 1373 Rua do Ouro Street, in the Serra neighborhood, Belo Horizonte municipality

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

Amateur Radio Operators

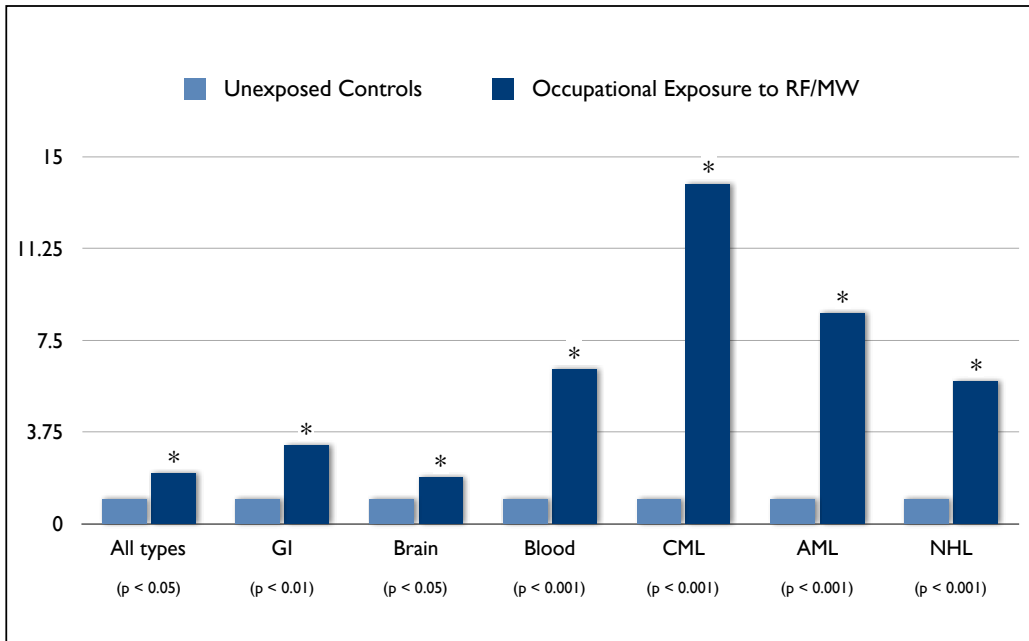


Analysis of leukemia deaths in male members of the American Radio Relay League resident in Washington and California, 1971-1983

Milham SJ. Silent keys: leukaemia mortality in amateur radio operators. *Lancet* (1985); 1(8432):812.

Cherry N. Evidence in support of the a priori hypothesis that Electromagnetic Radiation across the spectrum is a Ubiquitous Universal Genotoxic Carcinogen. (2002):1-52. <http://www.neilcherry.com/documents.php>

Polish Military (1971-1985)

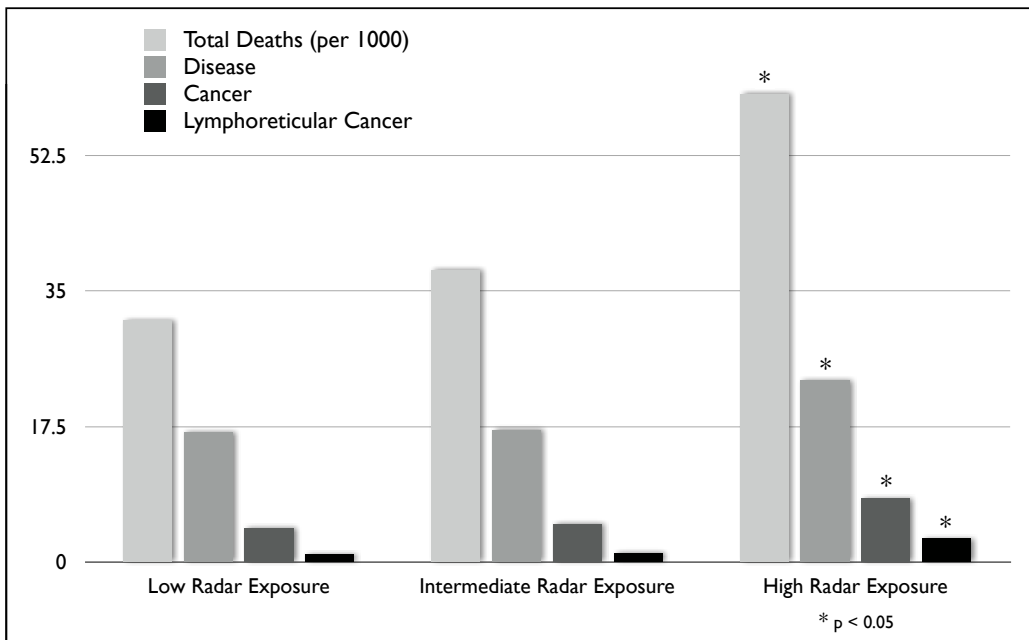


Polish military personnel with occupational exposure to radio and microwave frequency radiation.
Odds ratio of cancer incidence (1971-1985)

CML = chronic myelocytic leukemia
AML = acute myeloblastic leukemia
NHL = non-Hodgkin lymphoma

Szmigielski S. Cancer morbidity in subjects occupationally exposed to high frequency (radiofrequency and microwave) electromagnetic radiation. *Sci Total Environ* (1996); 180(1):9-17.

U.S. Navy Korean War Veterans (1950-1974)



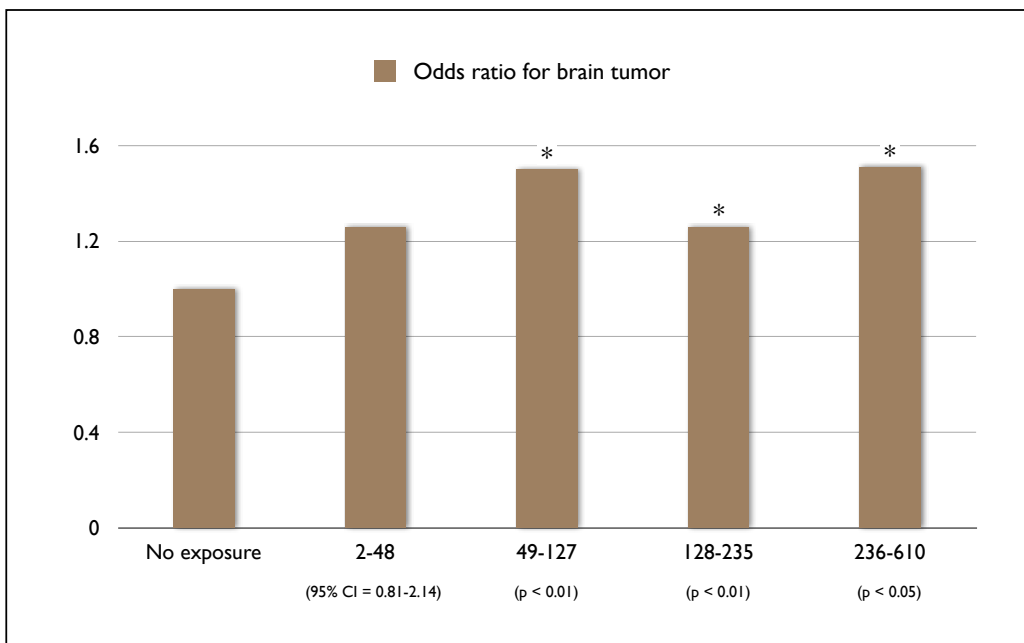
Mortality in U.S. Navy Korean War Veterans (1950-1974) stratified by levels of occupational radar exposure.

Mortality 1950-1974. (Y axis = crude mortality per 1000) Stratified by level of radar exposure.

In the original paper, Robinette et al evaluated job exposure hazard levels of 6 categories of navy personnel and grouped them into two groups, low exposure and high exposure. The electronic technicians (ET) had a significantly lower hazard rating and lower levels of pathology than the other two job categories in the high risk group, so this classification diluted out the high exposure risk pool.

Dr. Cherry took Robinette et al's published data and divided the workers into three exposure levels. The above chart is the result of Dr. Cherry's analysis of the data set.

US Air Force (1970-1989)



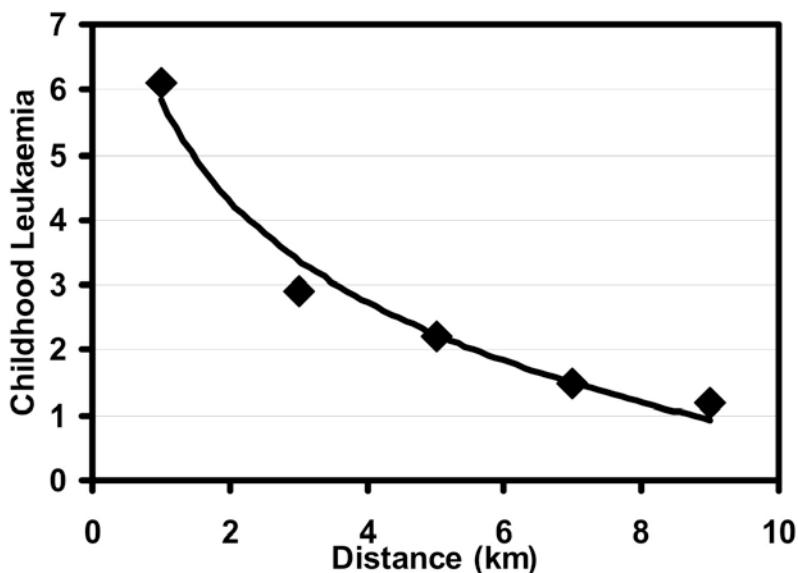
US Air Force Workers with occupational exposure to microwave RF (1970-1989)

Y axis: Odds ratio for brain tumor

X axis: Exposure intensity score x months exposed)

 Grayson JK. Radiation exposure, socioeconomic status, and brain tumor risk in the US Air Force: a nested case-control study. *Am J Epidemiol* (1996); 143(5):480-486.

Vatican Radio Tower (1987-1999).



Cumulative childhood leukaemia near the Vatican Radio Transmitters in Rome, 1987-1999.

Multiple powerful transmitters on site.

10 km radius around towers contains a population of >49,650 (1990 census).

exponential fitted trend line, R2=0.9756, p = 0.002

Cherry N. Health Effects in the vicinity of Radio/TV towers and mobile phone base stations. (2002): 1-40.
<http://www.neilcherry.com/documents.php>

Michelozzi P, Capon A, Kirchmayer U et al. Adult and childhood leukemia near a high-power radio station in Rome, Italy. *Am J Epidemiol* (2002); 155(12):1096-1103.

Netanya, Israel (1997-1998)



New cell phone tower set up in city of Netanya, Israel, in July, 1996.

1500 watt, 850 MHz.

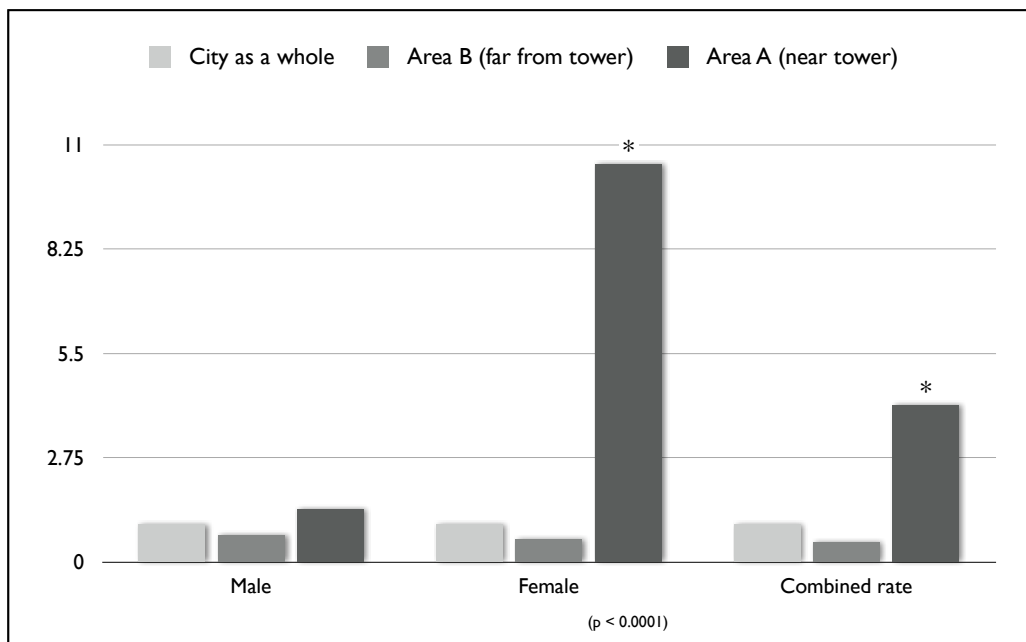
Power density in the whole exposed area was far below $0.53 \mu\text{W}/\text{cm}^2$.

This is 1000 times less than the FCC Guidelines of $600 \mu\text{W}/\text{cm}^2$ for 850 MHz exposure.

Comparison of cancer rates during the second year of exposure, in 677 long-term residents near the tower, compared to 1,222 matched controls living in another area of the city.

Wolf R, Wolf D. Increased Incidence of Cancer Near a Cell-Phone Transmitter Station. *International Journal of Cancer Prevention* (2004); 1(2):1-19.

Netanya, Israel - Relative Cancer Risk



Relative risk of cancer in residents near a new cell phone tower in Netanya, Israel, during the second year of exposure.

Overall risk of cancer in Area A was 4.15 times higher than in the town as a whole.

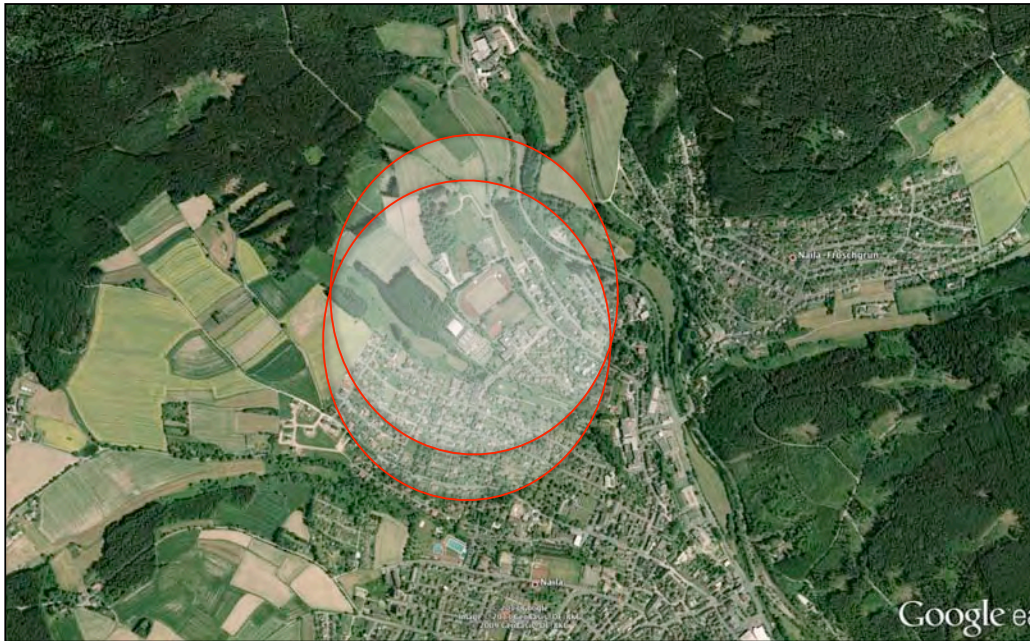
For men in area A, the cancer rate was 1.4 times higher.

For women in area A, the cancer rate was 10.5 times higher (p < 0.0001)

[the probability of this being a random finding is one hundredth of 1%

Wolf R, Wolf D. Increased Incidence of Cancer Near a Cell-Phone Transmitter Station. *International Journal of Cancer Prevention* (2004); 1(2):1-19.

Naila, Germany (1999-2004)



Town of ~ 1100 residents.

Cell tower installed in 1993.

Medical of 1000 residents reviewed for the years 1994-2004.

Comparison of cancer incidents in residents living within 400 meters of the cell phone tower, compared to residents living farther away, and compared to the death rates for the province as a whole.

Eger H, Hagen K, Lucas B, Vogel P, Voit H. The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer. *Umwelt-Medizin-Gesellschaft* (2004); 17(4):1-7.

Cancer Incidence in Naila (1999-2004)

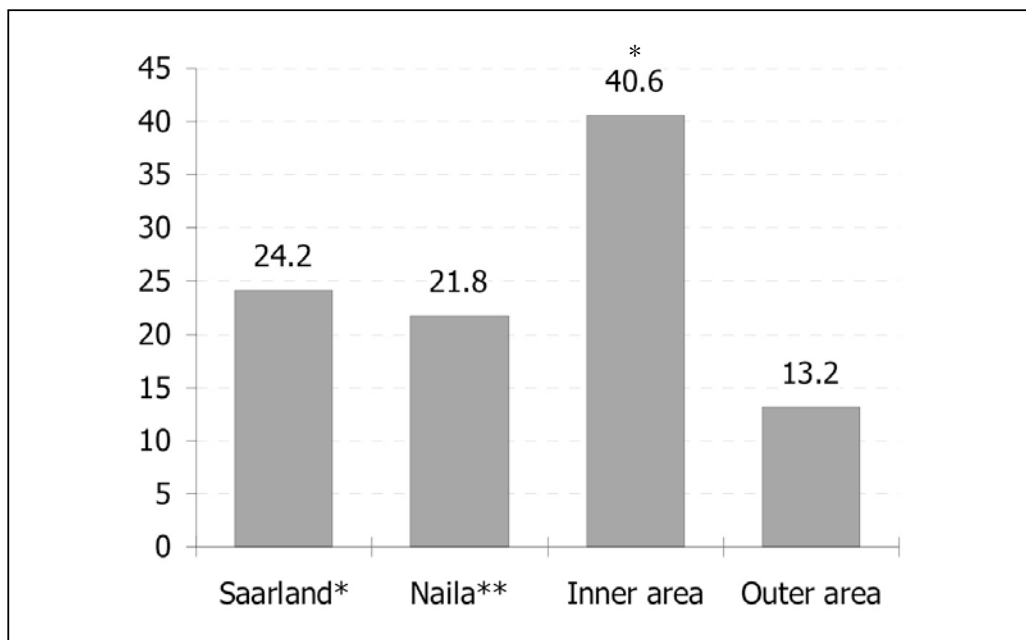


Fig. 3 : Number of new cancer cases 1999 to 2004, adjusted for age and gender, calculated for the 5,000 patient years

Y axis: Cancer incidence 1994 - 2004 (new cases per 5000 patient years).

* Saarland = predicted rate based on the cancer registry for the federal state of Saarland.

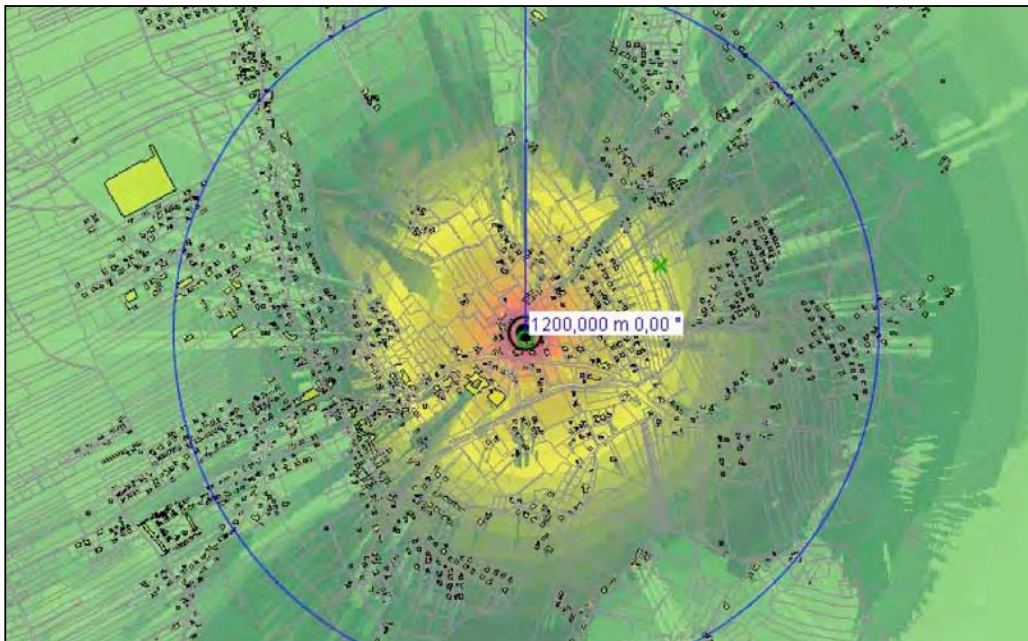
** Naila = incidence for the town as a whole.

Inner area = residence within 400 meters of the tower.

Outer area = remainder of community.

In the inner area, the risk of cancer incidence was three times as high after five or more years of exposure. In addition, the patients that live within 400 metres tend to develop the cancers at a younger age.

Hausmannstätten & Vasoldsberg, Austria (1984-1997)

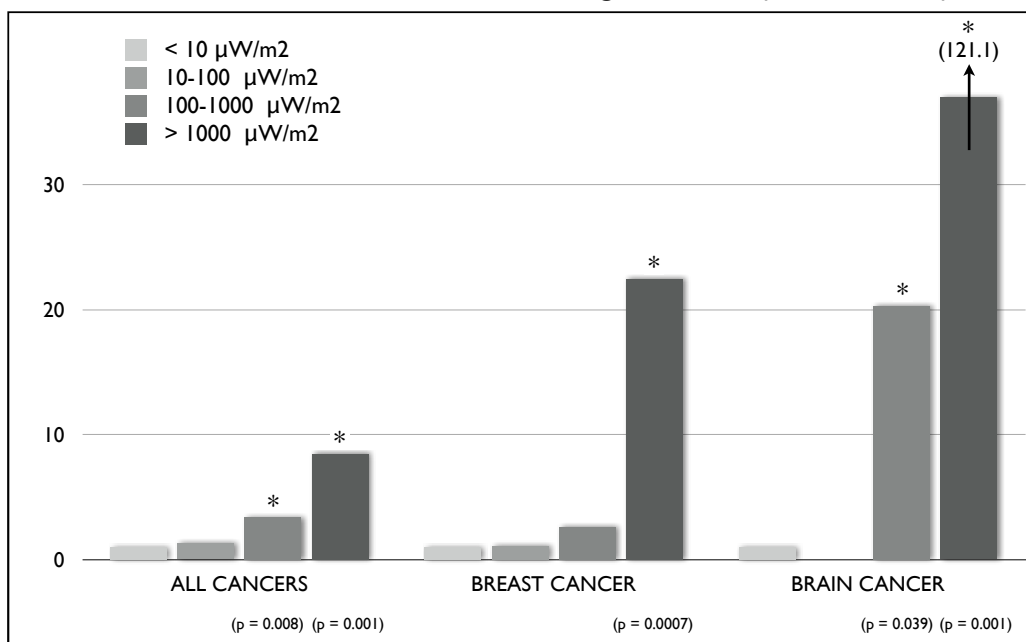


NMT 450 cell tower, operational from 1984–1997.

Case/control study of cancer patients living within 1200 meter radius of the tower.

Oberfeld G. *Environmental Epidemiological Study of Cancer Incidence in the Municipalities of Hausmannstätten & Vasoldsberg (Austria)*. Provincial Government of Styria, Department 8B, Provincial Public Health Office, Graz, Austria (2008):1-10. <http://www.emf-health.com/PDFreports/Austrianstudy.pdf>

Hausmannstätten & Vasoldsberg, Austria (1984-1997)



Odds ratio of cancer incidence — stratified by exposure levels (exterior to dwelling) in $\mu\text{W}/\text{m}^2$.

Note: FCC thermal safety guidelines ~ $6,000,000 \mu\text{W}/\text{m}^2$

In the highest exposure category:

Breast cancer risk was 23 times higher,

Brain cancer risk was 121 times higher.

Oberfeld G. *Environmental Epidemiological Study of Cancer Incidence in the Municipalities of Hausmannstätten & Vasoldsberg (Austria)*. Provincial Government of Styria, Department 8B, Provincial Public Health Office, Graz, Austria (2008):1-10. <http://www.emf-health.com/PDFreports/Austrianstudy.pdf>

Belo Horizonte, Brazil (2011)

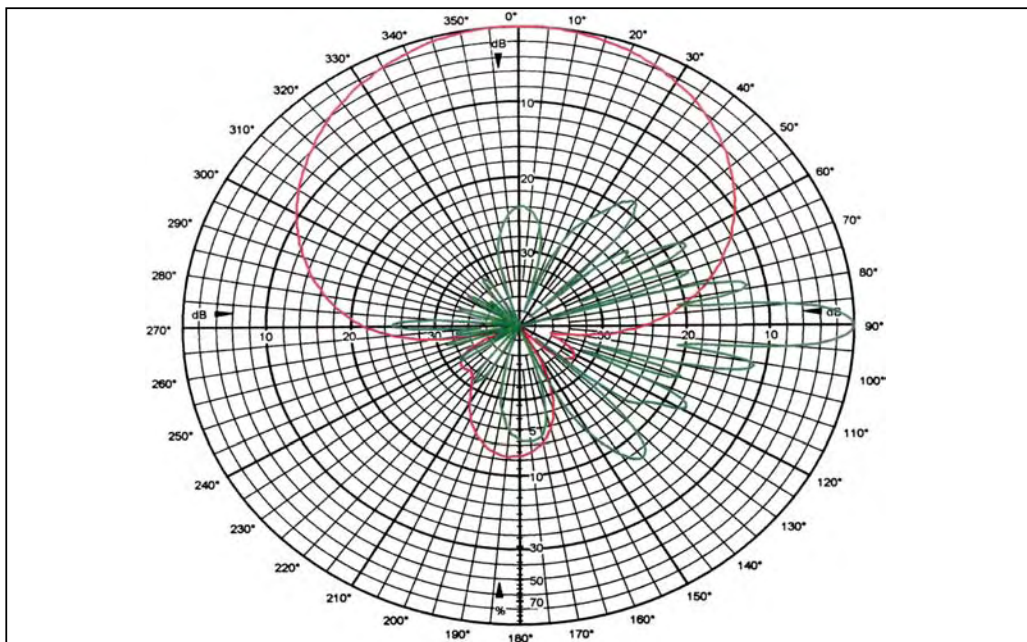


Belo Horizonte is the capital of Minas Gerais state in Brazil, population 2,258,096 in 2010.

Rated by the U.N. in 2007 as having the best quality of life in Latin America.

By 2006, 856 cell phone towers had been installed in the city.

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.



Environmental monitoring of RF power densities in the city was performed.

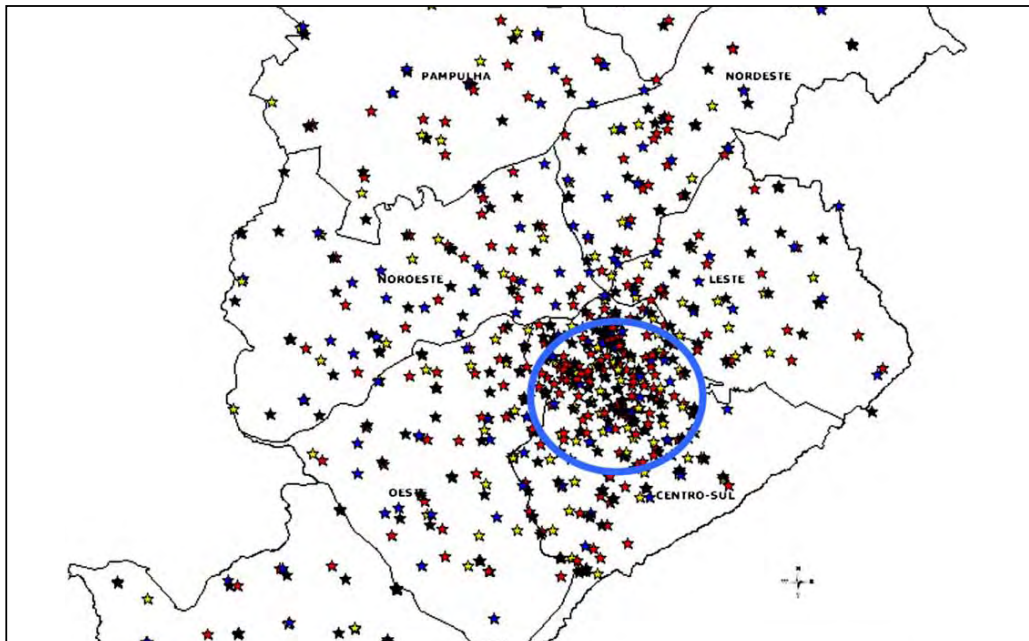
In 2003, the highest recorded power density in the city was $3.06 \mu\text{W}/\text{cm}^2$.

In 2008, the largest recorded power density was $40.78 \mu\text{W}/\text{cm}^2$, 13 times higher than in 2003.

$40 \mu\text{W}/\text{cm}^2$ is 15 times less than the FCC Exposure Guidelines.

Fig. 3. Horizontal and vertical radiation patterns per sector of BS site BH 20

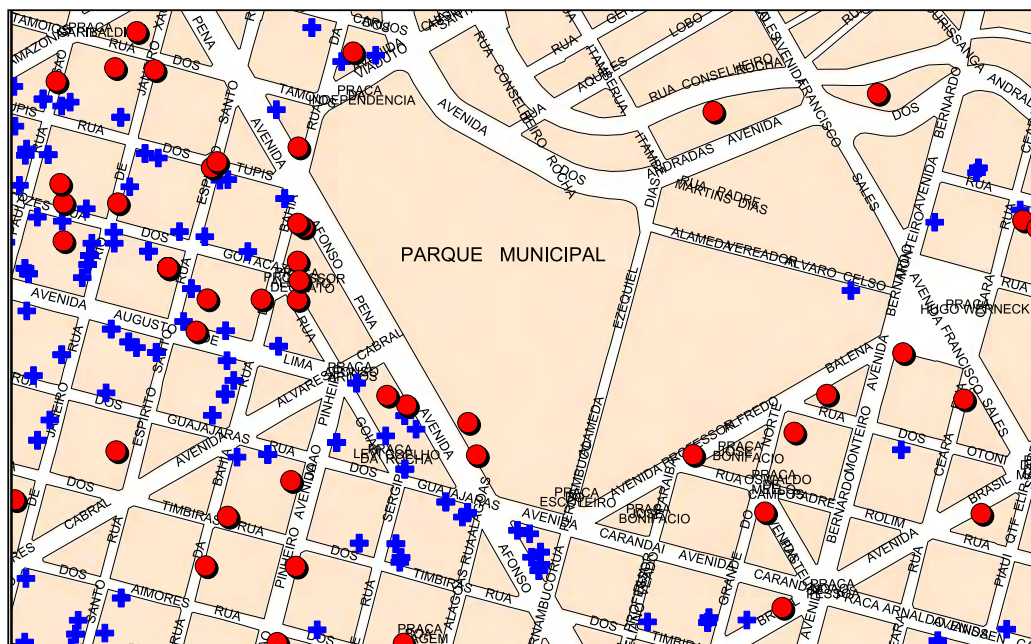
From: Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.



The authors used the Telecommunications National Agency database to map the locations of the 856 cell phone towers that existed in the city as of December 2006.

Fig. 8. Installed BSs in the Belo Horizonte municipality until 2006. Total amount = 856.

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.



They then cross-referenced health department records of death by neoplasia with census and demographic city population data to locate the residence of all individuals who had died of cancer in the city between 1996 and 2006.

Fig. 10. Sample of geocoded deaths and BS locations in downtown Belo Horizonte City located in Central-Southern region.

From: Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

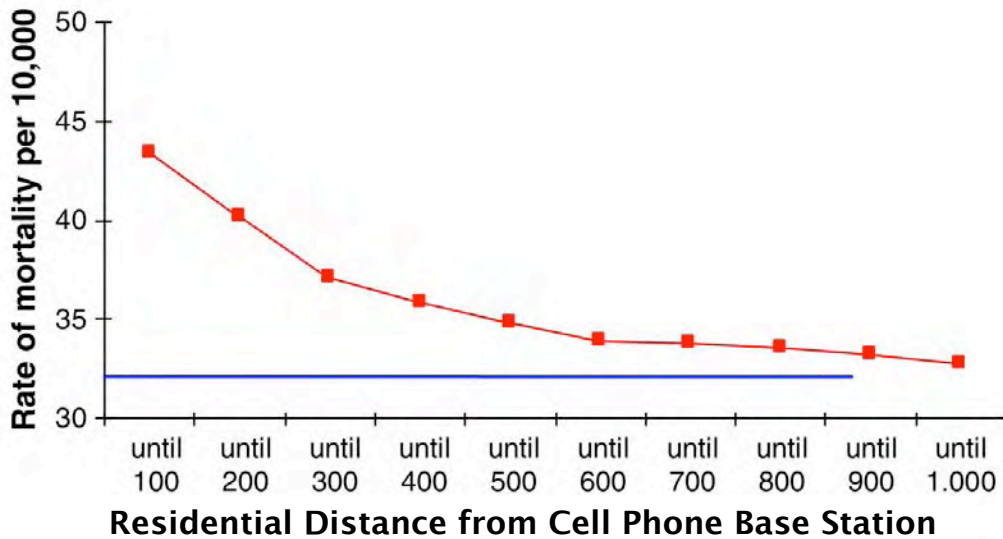
Belo Horizonte, Brazil (2011)



This allowed them to calculate the distance between the deceased individuals' residences and the closest cell phone tower, in meters.

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

Belo Horizonte, Brazil (2011)

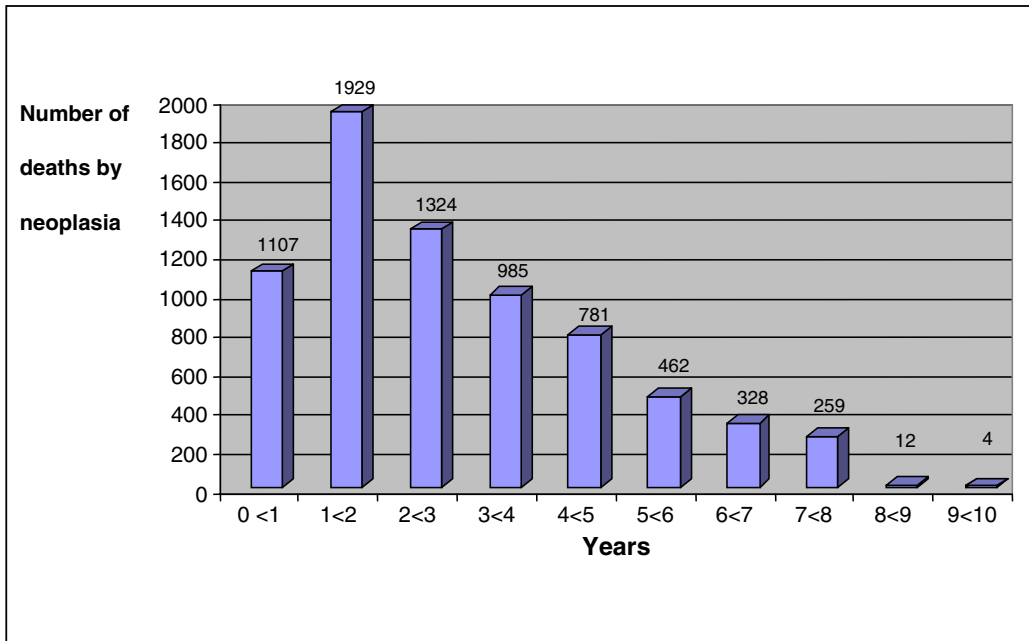


Analysis of this data showed that the cancer death rate was significantly elevated at proximities closer than 500 meters to cell phone towers.

Fig. 15. Rate of mortality by neoplasia, according to the distance from the BS in Belo Horizonte municipality, from 1996 to 2006, and the null hypothesis (blue line).

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

Belo Horizonte, Brazil (2011)



Death rates peaked during the second year of exposure.

Fig. 16. Distribution of the number of deaths by neoplasia versus duration of exposure since the date that the first antenna in each analyzed CT came into operation.

Dode AC, Leao MM, Tejo Fde A et al. Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. *Sci Total Environ* (2011); 409(19):3649-3665.

Effects of Microwave RF Exposure on Fertility



<http://migration.kentucky.gov/Newsroom/psc/pscpr7-12-2007A.htm>

Public Service Commission

PSC APPROVES "SMART METER" PILOT PROGRAM FOR LG&E - Devices will allow customers to monitor electric prices and adjust usage

Press Release Date: Thursday, July 12, 2007

Contact Information: Andrew Melnykovich
502-564-3940, ext. 208
502-330-5981 (cell)

The Kentucky Public Service Commission (PSC) today approved a pilot program under which 150 customers of Louisville Gas and Electric Co. (LG&E) will join a voluntary program designed to test the idea that consumers will shift usage patterns in response to varying prices at different times of day.

The customers will receive a special meter, devices to help them control electric usage and equipment that will provide information on the price of power.

Electric rates for the 150 participants (up to 100 residential customers and 50 commercial customers) will be below the current rate for about 87 percent of the hours in year.

However, they would be higher than the current rates during times when electric usage overall is high, and would be about five times higher than current rates during brief periods of peak usage.

The rates are designed so that a customer who does not alter electric usage patterns would pay about the same under the variable rates as the current rates.

However, a customer who chooses to reduce usage during the high-cost periods would see an overall reduction in their electric bill.

Because a utility's generation and transmission systems must be built to meet peak loads, shifting usage away from those periods can benefit both the utility and its customers by reducing the maximum loads and thus lessening the need to build new facilities to meet the peak demand.

"This pilot program can help us determine whether consumers, when provided with timely information on their electric usage and its cost, will shift usage away from high-cost periods," PSC Chairman Mark David Goss said. "That kind of information can be very helpful in planning the most cost-effective ways to deal with rising demand for electricity."

An additional 1,850 customers will serve as a "control group" and will receive other combinations of specialized equipment. Their electric rates will not change. Data from these customers will be compared to information gathered from participants in the pilot program.

The 150 participants in the program and the control group customers will have a "smart" meter that will allow communication between LG&E and the meter. LG&E will know how much electricity is being used in any given period. The meter can communicate with an in-home display device that informs the customer of their current electric consumption and current electric rate and provides at least a 30-minute warning before the highest rates take effect.

The 150 “responsive pricing” participants will receive the display devices and programmable thermostats that also will communicate with the meter. The thermostats can be programmed to vary the temperature with the price of electricity. LG&E also will provide “load control” switches to reduce usage by electric water heaters and other high-consumption appliances.

As many as 400 customers in the control group will receive some combination of display devices, programmable thermostats or load control switches. The remaining 1,450 customers in the control group will receive smart meters only.

Only the 150 responsive pricing participants will be subject to the time-based rates.

The current residential rate is 6.04 cents per kilowatt-hour (kwh). A kilowatt-hour is the amount of electricity needed to run a 100-watt light bulb for 10 hours.

For residential consumers, time-based rates will fall into four categories:

- * A low-cost rate of 3.99 cents per kwh, that will apply 56 percent of the time.
- * A medium-cost rate of 5.22 cents per kwh, applying 31 percent of the time.
- * A high-cost rate of 10.64 cents per kwh, which would apply 12 percent of the time, generally in the afternoon from June through September and in the evening during the rest of the year.
- * A critical cost rate of 30.1 cents per kwh, that would take effect only at times of extremely high electric demand in the LG&E system and which would be in effect for no more than 1 percent of the time, or no more than 80 hours per year.

In order to defray a portion of the equipment costs, residential customers who volunteer for the pilot program will pay an additional monthly customer charge of \$5. LG&E will recover overall program costs through its existing surcharge which funds energy conservation programs.

A similar rate structure will apply for any small commercial customers who choose to participate in the program.

Data collected from the participants and control group will be analyzed to determine whether customers are more likely to reduce or shift electric consumption when provided with information on usage and rates and devices that facilitate energy management. The pilot program will continue for at least three years. Participants will be asked to make a one-year commitment.

LG&E initiated the program to comply with a PSC order issued in December 2006 requiring electric utilities in the state to implement smart metering pilot programs. LG&E was the only utility required to implement a program for residential and commercial consumers, because it had agreed to do so in a partial settlement in LG&E’s last electric rate case, which was concluded in June 2004.

Electric consumers who want to reduce usage can find tips on how to save energy at: Governor’s Office of Energy Policy: <http://www.energy.ky.gov/dre3/tips/tips.htm>

U.S. Department of Energy: <http://www.eere.energy.gov/consumer/>

Today’s order and other documents in the case are available on the PSC Web site, psc.ky.gov. The case number is 2007-00117.

The PSC is an independent agency attached for administrative purposes to the Department of Public Protection in the Environmental and Public Protection Cabinet. It regulates more than 1,500 gas, water, sewer, electric and telecommunication utilities operating in the commonwealth of Kentucky and has approximately 110 employees.

<http://migration.kentucky.gov/Newsroom/psc/pscpr10-1-2012B.htm>

Public Service Commission

PSC Opens Case to Look at Smart Grid and Smart Meters - Proceeding also will examine dynamic pricing for electricity

Press Release Date: Monday, October 01, 2012

Contact Information: Andrew Melnykovich
502-564-3940, ext. 208
502-330-5981 (cell)

The Kentucky Public Service Commission (PSC) has initiated an administrative proceeding to consider the implementation of “Smart Grid” technologies, including smart meters, and electric prices that are tied to the time of usage.

In an order issued today, the PSC said the proceeding would examine “all aspects” of smart grid technologies, including implementation costs, technical issues and societal impacts.

Smart grid technology uses advanced information tools to improve the efficiency, reliability and safety of electric distribution and transmission networks. It includes meters and other devices that are capable of receiving and transmitting data about usage, pricing and grid status in real time.

Smart grid technologies are central to the implementation of what is known as “dynamic pricing,” which bases the cost of electricity on the time of usage and overall electric demand. Pricing can be based on predetermined schedules or can vary with demand in real time.

All electric utilities in Kentucky have been made parties to the case and have been directed to provide information to the PSC. Kentucky’s five major natural gas distribution companies are also participants, but each has 30 days to request that the PSC remove them from the case.

Any other parties wishing to become an intervenor, or formal participant, in the case must file a request with the PSC no later than Oct. 30.

“The purpose of this proceeding is to determine the appropriate course for Kentucky to follow with respect to advanced technologies collectively known as smart grid,” PSC Chairman David Armstrong said. “These technologies enable electric utilities to better manage their systems and may offer customers the opportunity to closely monitor and adjust their electric consumption.”

In today’s order, the PSC said it also will explore whether the use of smart grid technologies can be combined with various dynamic pricing rate structures to encourage greater energy conservation and efficiency.

The PSC has twice before considered implementation of smart grid standards or requirements in Kentucky.

In 2006, the PSC considered whether to adopt federal smart grid standards set forth in the Energy Policy Act of 2005. Adoption of the standards would have required utilities to offer optional rates that varied with the time of day, as well as the necessary advanced meters.

The PSC chose not to adopt the standards, but required the five electric utilities with generating facilities in Kentucky to offer time-based rates to their largest customers. The federal Energy Independence and Security Act of 2007 required the PSC to again consider the adoption of federal smart grid standards. In October 2011, the PSC decided to adopt the federal standard requiring electric utilities to consider the use of smart grid technologies whenever they invest in their transmission and distribution systems. However, after considering further issues raised by utility companies, the PSC last month decided to defer a final decision on the federal standard pending completion of the administrative proceeding it opened today.

Documents from the earlier case will be incorporated into the record of the new proceeding.

Also included in the case record are two documents produced jointly by researchers at the University of Kentucky and the University of Louisville. They include the “Kentucky Smart Grid Roadmap,” which summarizes their findings, and a lengthier document which presents the data collected by the researchers.

Today’s order sets forth an initial schedule for filing of documents and data gathering in the case. A hearing has not yet been scheduled.

Public comments may be made in writing and mailed to the PSC at P.O. Box 615, Frankfort, KY 40602, faxed to 502-564-9625, e-mailed from the PSC website or submitted in person at the PSC offices.

All records in the case are available on the PSC website, psc.ky.gov. The case number in the current proceeding is 2012-00428. The two previous cases were number 2008-00408 and 2006-00045.

The PSC is an independent agency attached for administrative purposes to the Energy and Environment Cabinet. It regulates more than 1,500 gas, water, sewer, electric and telecommunication utilities operating in Kentucky and has approximately 90 employees.

<http://stopsmartmeters.org/frequently-asked-questions/faq-legal-issues/#classaction>

Federal Energy Act of 2005 states clearly that “smart” meters are to be OFFERED to residential customers, not mandated or forced. Read this letter from a US representative clarifying the matter.

<http://www1.eere.energy.gov/femp/regulations/epact2005.html>

Energy Policy Act of 2005

The Energy Policy Act of 2005 (EPAAct 2005) established a number of energy management goals for Federal facilities and fleets. It also amended portions of the National Energy Conservation Policy Act (NECPA).

EPAAct 2005 sets Federal energy management requirements in several areas, including:

- Metering and Reporting
- Energy-Efficient Product Procurement
- Energy Savings Performance Contracts
- Building Performance Standards
- Renewables Energy Requirement
- Alternative Fuel Use

This content is intended as a reference only. You should refer to the full text of EPAAct 2005 for more details or other sections relevant to your work (PDF 3.2 MB). Download Acrobat Reader.

Please note, the Energy Independence and Security Act of 2007 (EISA 2007) and Executive Order (E.O.) 13423 have been issued subsequent to the passage of EPAAct 2005. These authorities update many of the energy management requirements of EPAAct 2005.

Some of the following documents are available as Adobe Acrobat PDFs.

Metering and Reporting

Section 103 of EPAAct 2005 includes the following requirements surrounding energy use measurement and accounting:

- Directs that all Federal buildings be metered "...for the purposes of efficient energy use and reduction in the cost of electricity used in such buildings..." by October 1, 2012. Advanced meters or metering devices must provide data at least daily and measure the consumption of electricity at least hourly. These devices must be used to the maximum extent practicable.
- Directs the Secretary of Energy to develop guidelines for implementation. The Guidance for Electric Metering in Federal Buildings (PDF 2.7 MB) was published on February 3, 2006.
- Requires Federal agencies to submit to the Department of Energy (DOE) an implementation plan identifying personnel responsible for achieving the requirements, and any determination by the agency that advanced meters or metering systems are not practicable in their specific situation.

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Energy-Efficient Product Procurement

Section 104 of EPAAct 2005 requires that each agency incorporate energy efficiency criteria consistent with ENERGY STAR® and FEMP-designated products for "...all procurements involving energy consuming products and systems, including guides specifications, project specifications, and construction, renovation, and services contracts that include provision of energy consuming products and systems, and into the factors for the evaluation of offers received for the procurement."

For more information, read:

- Proposed Rules (10 CFR Part 436): Federal Procurement of Energy-Efficient Products (PDF 123 KB)
- Rulemaking Comments (RIN Number 1904-AB68): Federal Procurement of Energy-Efficient Products (PDF 2.4 MB)
- Also see the listing of FEMP-designated energy-efficient products

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Energy Savings Performance Contracts

Section 105 extends energy savings performance contracts (ESPCs) from October 1, 2003, through September 30, 2016.

For more information about ESPCs, see Energy Savings Performance Contracts.

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Building Performance Standards

Section 109 of EAct 2005 includes the following requirements surrounding Federal building performance standards:

- Directs new Federal buildings—commercial or residential—to be designed 30% below ASHRAE (American Society of Heating, Refrigerating, and Air-Conditioning Engineers) standards or the International Energy Code.
- Includes the application of sustainable design principles for new buildings.
- Requires Federal agencies to identify new buildings in their budget requests and those that meet or exceed the standards, which DOE must include in its annual report.

For more information, read:

- Final Rule (10 CFR Parts 433-435): Energy Conservation Standards for New Federal Commercial and Multi-Family High-Rise Residential Buildings and New Federal Low-Rise Residential Buildings
- Environmental Assessment for Final Rule: DOE/EA-1463, 2007 (PDF 515 KB)
- Rulemaking Comments: Docket EE-RM/STD-02-112 (PDF 3 MB)

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Renewable Energy Requirement

Section 203 of EAct 2005 includes the following requirements surrounding the purchasing and use of renewable energy by Federal agencies:

- Requires that the Federal Government's renewable electricity consumption meet or exceed 3% from fiscal years 2007-2009, with increases to at least 5% in fiscal years 2010-2012 and 7.5% in 2013 and thereafter.
- Establishes a double credit bonus for Federal agencies if renewable electricity is produced on-site at a Federal facility, on Federal lands, or on Native American lands.
- Defines "renewable energy" as electric energy generated from solar, wind, biomass, landfill gas, ocean (including tidal, wave, current, and thermal), geothermal, municipal solid waste, or new hydroelectric generation capacity achieved from increased efficiency or additions of new capacity at an existing hydroelectric project.

Section 204 of EAct 2005 includes the following requirements surrounding photovoltaic (PV) energy use in public buildings:

- Establishes PV energy commercialization program in Federal buildings.
- Requires the installation of 20,000 solar energy systems in Federal buildings by 2010.