

Smart Meters, Wi-Fi, Electro-Smog And Your Health

presentation by

Charles Battig, MS, MD

Green Change Agents Forum

June 28, 2013

Charlottesville, VA

In Case You Missed This

Stop Smart Meters! at Leixlip Castle in Dublin, Ireland

Posted on June 9, 2013 by onthelevelblog

**Smart
Meters**



**Joshua Hart, Director
Stop Smart Meters! U.S.A.**



**HEAR THE
SHOCKING
TRUTH**

**Venue: Leixlip Castle
Date: 12 June 2013
Time: 7.30 p.m.**

**Everyone Welcome
Admission Free**

San Francisco Green Festival, where over 30,000 environmentalists converge twice a year to discuss the state of our environment (November 2012)



<http://stopsmartmeters.org/2012/11/24/environmentalists-not-buying-smart-meter-greenwash/>

The Smart Grid: A Government Subsidized (Stimulus) Program

The American Recovery and Reinvestment Act of 2009 (Recovery Act) provided the U.S. Department of Energy with \$4.5 billion to modernize the electric power grid and implement Title XIII of the Energy Independence and Security Act of 2007.

http://www.smartgrid.gov/the_smart_grid#smart_grid

The Smart Grid

The digital technology that allows for two-way communication between the utility and its customers, and the sensing along the transmission lines is what makes the grid smart.

Like the Internet, the Smart Grid will consist of controls, computers, automation, and new technologies and equipment working together, but in this case, these technologies will work with the electrical grid to respond digitally to our quickly changing electric demand.

http://www.smartgrid.gov/the_smart_grid#smart_grid

Government Claims For A Smart Grid

- More efficient transmission of electricity
- Quicker restoration of electricity after power disturbances
- Reduced operations and management costs for utilities, and ultimately lower power costs for consumers
- Reduced peak demand, which will also help lower electricity rates
- Increased integration of large-scale renewable energy systems
- Better integration of customer-owner power generation systems, including renewable energy systems
- Improved security

http://www.smartgrid.gov/the_smart_grid#smart_grid

The Smart Meter: A Two-Way Radio Communicating Your Energy Usage With Your Power Company Just Like A Cell Phone

- Smart meters provide the Smart Grid interface between you and your energy provider. Installed in place of your old, mechanical meter, these meters operate digitally, and allow for automated and complex transfers of information between your home and your energy provider.
- For instance, smart meters will deliver signals from your energy provider that can help you cut your energy costs. Smart meters also provide utilities with greater information about how much electricity is being used throughout their service areas.

The Pandora's Box OF EMF/RF Technology



wikipedia: Dante Gabriel Rossetti

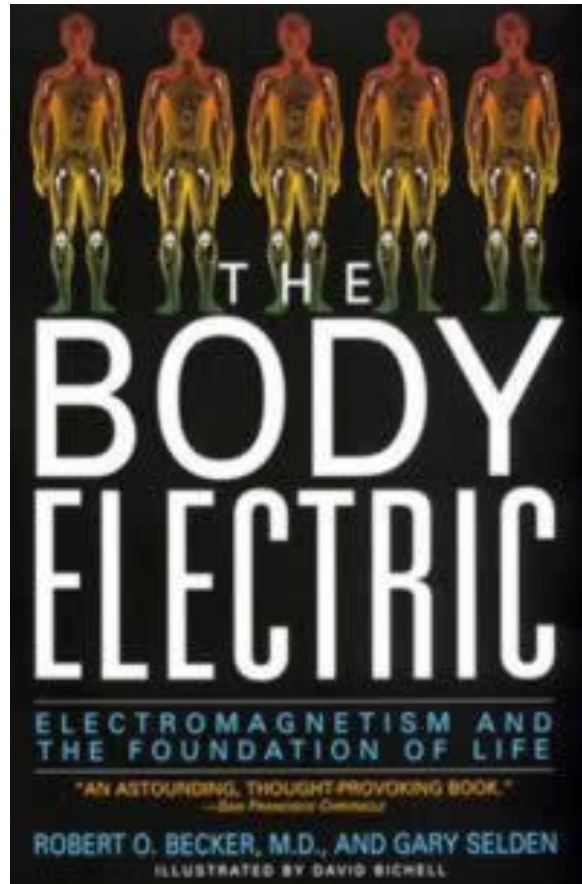
“Wherever we go, we will be immersed in a sea of low-level, *pulsed* microwave signals”

(FORTUNE Magazine October 9, 2000) – Ross Adey, MD a distinguished professor of neurology at Loma Linda University School of Medicine, studied the health effects of electromagnetic fields for more than 30 years.

“It is not a good thing to proceed toward a world of ubiquitous wireless communication in a totally uncontrolled fashion. The epidemiology suggests that there are health effects that are cumulative over time from exposure to non-ionizing electromagnetic radiation--whether it be 60-hertz power-line fields, today's types of radio and microwave communication, or ultrawide-band technology.”

Orthopedic Surgeon Robert Becker, MD

Bone Healing And More (1985)



"Present strategic doctrine rests on an unlimited, and expanding, use of electromagnetic energy. Without this capability, sophisticated weapons systems are useless.

As a result, any attempts to acquaint the general public with the potential hazards of electromagnetic fields are viewed by such forces as inimical to state security and so are ruthlessly suppressed."

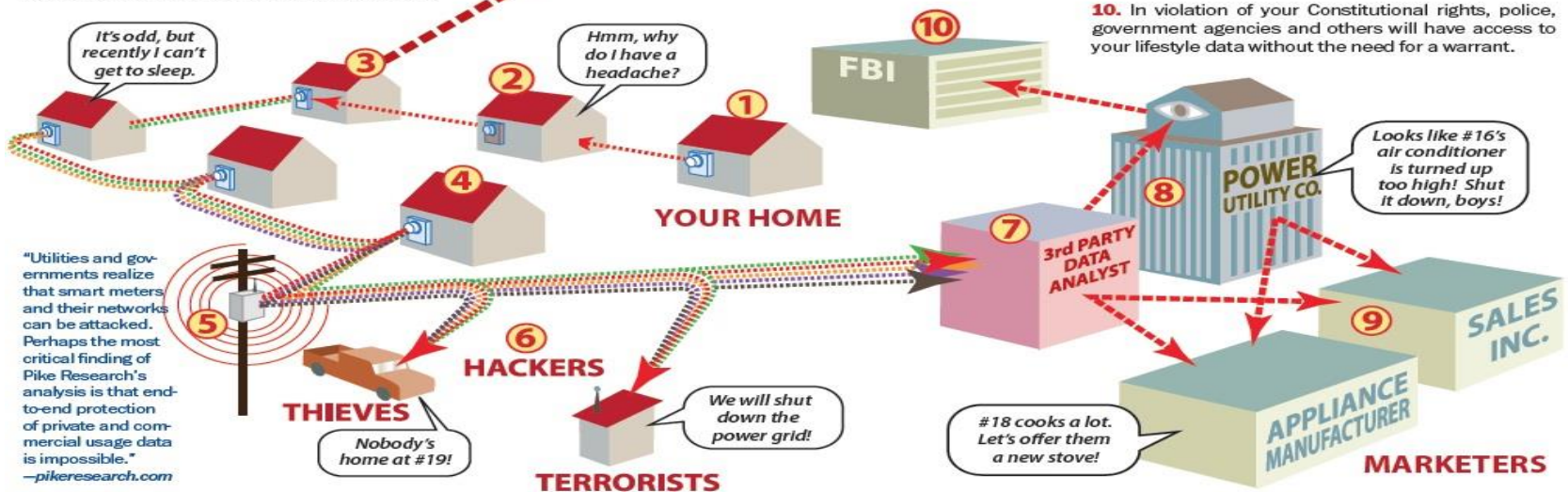
Customers Caught Up In A Mesh

The Path of Your Privacy: How the “SMART” METER MESH NETWORK *really* works

1. In a “mesh network,” usage data is transmitted from one “smart” meter and sent by wireless microwave radio signals on to the next house’s meter, and the next . . .
2. Although a neighbor may **opt-out** by keeping their analog meter, they will still be exposed to microwave radiation from surrounding meters.
3. Anyone whose outside bedroom wall has a “smart” meter, suffers bursts of DNA-disrupting pulsed microwave radiation every few seconds, all day and night long.
4. Random homes get “collector meters,” through which data from hundreds of homes is funneled. Radiation exposure is dramatically multiplied for these families who are never informed that their meter is the collector.
5. The accumulated data is sent to the Utility’s data collection unit on a telephone pole (maybe near YOUR home) where it is sent on to a data collection company.



6. But first, the easily-hacked RF data may fall into the hands of hackers who may be thieves or terrorists.
7. A 3rd-party company hired by the Utility receives detailed private data about your home activities—what appliances you use, how many people are at home, when you go to bed, when you go on vacation, etc.
8. The subcontractor analyzes the raw data and sends it on to the utility. With its “smart” ability to count every watt of usage as never before, the Utility mails out higher bills that shock its “smart” meter customers!
9. Utilities want us to buy smart-grid-enabled appliances (that also emit wireless radiation into our living spaces) so they can remotely power down or shut them off, and get more precise usage info that they can sell to manufacturers and marketers. Your personal info may also be sold by the data-analyst subcontractor.
10. In violation of your Constitutional rights, police, government agencies and others will have access to your lifestyle data without the need for a warrant.



Former CIA Director James Woolsey says the smart grid’s security vulnerabilities make it a “really, really stupid grid.”

Smart Meter Health Concerns? Dominion “not aware...” Therefore There Is No Concern?

William F. Stephens
Director
(804) 371-9611
FAX (804) 371-9250

COMMONWEALTH OF VIRGINIA



PO Box 1197
Richmond, Virginia 23218-1197

STATE CORPORATION COMMISSION
DIVISION OF ENERGY REGULATION

December 19, 2011

Dr. Charles Battig
P.O. Box 8185
Charlottesville, VA 22906

Dear Dr. Battig:

I am writing in response to your e-mail to the Division of Energy Regulation at the State Corporation Commission. It is my understanding that you are concerned about potential health effects and privacy issues associated with Dominion Virginia Power (“Dominion”) installing “smart” electric meters.

Dominion received approval from this Commission to conduct an Advanced Metering Infrastructure (“AMI”) pilot program in several geographic areas within its service territory and has now installed AMI meters on all homes within those selected areas. The AMI pilot program is one of several Dominion demand-side management programs that was considered and approved in Case No. PUE-2009-00081. You can find documents, including the Commission’s Order approving the pilots, on the Commission’s website at <http://docket.scc.virginia.gov/vaproduct/main.asp>.

In its Order approving the AMI pilot program, the Commission did not require provisions, or otherwise address issues associated with allowing customers to opt-out of the AMI pilot. In response to previous inquiries of this nature, Dominion indicated that the efficiency of the program would be compromised if customers were allowed to opt-out and, further, that the Company was not aware of any conclusive and convincing evidence that advanced metering is causally associated with an increased incidence of detrimental health effects in humans.

Thank you for advising us of your concerns. Please feel free to contact me directly at 804-371-9765 if you have additional questions.

Very Truly Yours,

Handwritten signature of Kelli B. Gravely.
Kelli B. Gravely
Senior Utilities Analyst

STATE CORPORATION COMMISSION
DIVISION OF ENERGY REGULATION

December 19, 2011

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The Smart Meter: More Than Just An Electric Power Meter

- Health concerns
- Private property rights
- Personal privacy concerns
- Safety Concerns
- Quasi-monopolies implementing technologies to their advantage
- Utility customer in service of the utility
- Politicized science

Health Impacts:

Electro-Hypersensitivity Symptoms

Some symptoms are: ringing in the ears, nausea, headaches, insomnia, heart palpitations, joint pain, skin rashes, brain fog, attention deficit, and anxiety.

The millions of pulsing meters are causing a massive new overlay of RF pollution to our already densely emf-polluted air, wires, and environment from cell phone antennas, radar, wi-fi, and the myriad other wireless devices.

The Author of "Sustainability" Suffers From Electro-Hypersensitivity

DETECT&PROTECT®
PREVENTATIVE HEALTHCARE FOR THE WIRELESS WORLD


sensory perspective

[« home](#)

Interview with Gro Harlem Brundtland

WHO Director-General & cellphone problems

[Former Norwegian Prime Minister, WHO Director-General, Gro Harlem Brundtland is getting headaches every time she's using a mobile phone.]

Translation of Cover story in Norwegian newspaper "Dagbladet" of March 9, 2002:

Mobile phone radiation gives Gro Harlem Brundtland headaches.

WHO Director-General Gro Harlem Brundtland (62), gets headaches from talking on a mobile phone. That is not enough: People in her proximity must turn their phones off in order to prevent discomfort.

By Aud Dalsegg

Saturday 9 March 2002

"It's not the sound, but the waves I react on. My hypersensitivity has gone so far that I even react on mobiles closer to me than about four metres," Gro explains. When we sit with her in her office at "Helsetilsynet" in Oslo she asks if there is an active mobile phone in the room. She finds that she has developed a slight headache. The cellular phone of the photographer was turned on but without sound in the pocket of his jacket.

The earlier Minister of State [Prime Minister] never had a mobile of her own, but she has close associates who do and she earlier often received calls on their phones. She says there are reasons to be cautious about mobile phone use.

"In the beginning I felt a local warmth around my ear. But the agony got worse, and turned into a strong discomfort and headaches every time I used a mobile phone," Gro says. She thought she could escape the pain by shorter calls, but it didn't help.

Neither did it help that she herself stopped using a mobile phone. Today it is a tool everybody uses, also at her workplace, the World Health Organisation (WHO) in Geneva.



EMF Health Safety Standards?

Take your Choice And Take Your Chance

- 1962 University of Utah- Om Gandhi
- 1993 The American National Standards Institute (ANSI C95.1)
- Institute for Electronics and Electrical Engineering (IEEE 95.1 1992)
- 2005 standards allow double the rf radiation, but specify that the cell phone be held at least half an inch from the brain
- European test protocol differs

SAM: Your Safety Standard Stand-In

SAM: Standard Anthropomorphic Man for testing emf/rf brain exposure

- Size and mass in top 10 percent of 1989 military recruits
- Weight 200 pounds; Height 6 feet 2 inches
- Head Weight 11 pounds
- Plastic head filled with uniform liquid

There was no child-sized, senior citizen, nor health impaired equivalent model

EMF Safety Standards Based On Tissue Heating (Thermal Effects) Alone

Other documented biochemical, non-thermal, damaging impacts of rf radiation are not covered:

- Breakdown of the protective blood-brain barrier
- DNA damage
- Cell nuclear damage and genetic defects

Young, still-developing infants and children are much more susceptible to these biological impacts, as are those pregnant and the elderly

Brain Tumors Associated With Long-Term (10 years+) Cell Phone Usage

Same head side as cell phone used:

- Acoustic neuromas
- Gliomas
- Meningiomas
- Parotid gland (salivary gland) tumors

These tumors are now showing up in increasing frequency in young adults who have used cell phones for 10 +/- years, as well as adult heavy users

From “Wired Child” website

“In a number of studies the risks for some types of tumours is doubled or even quadrupled. The only studies that have not shown such a link were funded by the mobile phone industry or only analysed short-term duration of use...

All the independently-funded studies that included longer term users (10 years or more use) have shown an association between brain tumour incidence and mobile phone use.

Mobile phones have only been used widely since the late 1990's so the early studies, mostly done in the early 2000's, didn't involve long term phone users. They were done when it was too early for the association to show up. This has clouded the picture for the media and the public.”

“Smart Everything” Advocates Did Not See This One Coming

WSJ Friday, June 14, 2013 *“Patients Put at Risk By Computer Viruses”* Christopher Weaver...

“The risk of computer viruses in hospitals and clinics is one side-effect of efforts to digitize health care and develop “smarter” medical devices...

Malware in critical medical systems is widespread but little understood...”

“The failures expose a critical vulnerability among computerized medical systems...A rush to digitize health care...has created an interconnected web of devices tethered to hospital networks...in turn linked to the internet...

Pacemakers, heart monitors, and insulin pumps are susceptible to cyber attack...”

“World Class” International Concern In 1400 Pages



BioInitiative 2012

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

BioInitiative Working Group 2012

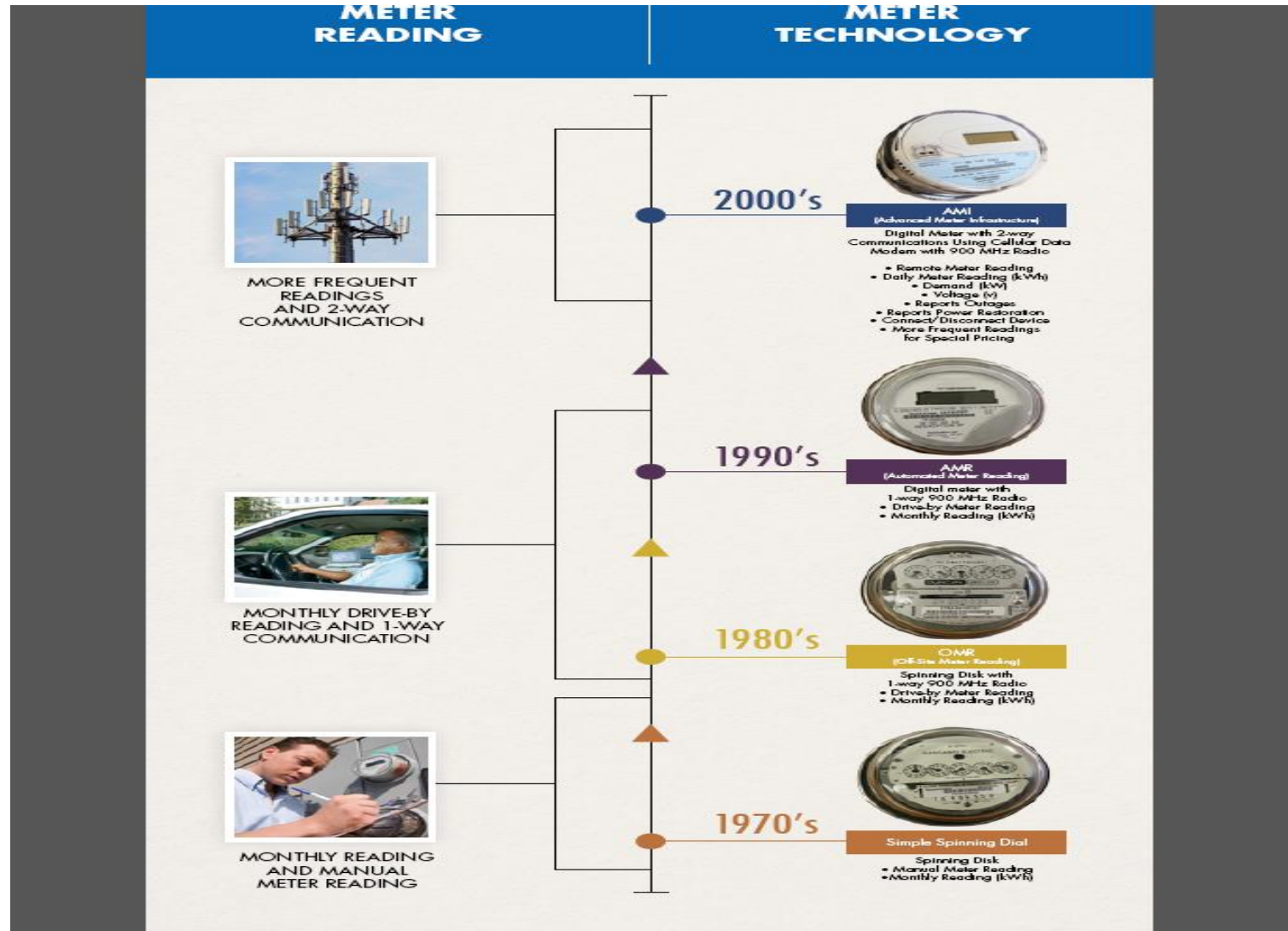
Jitendra Behari, PhD, India
Paulraj Rajamani, PhD, India
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Igor Belyaev, Dr.Sc., Slovak Republic
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Cite this report as: BioInitiative Working Group, Cindy Sage and David O. Carpenter, Editors.
BioInitiative Report: A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Radiation at
www.bioinitiative.org, December 31, 2012

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The Evolution Of Electric Meter Technology



A Typical Smart Meter

|E330 FOCUS **AX**+E350 **AX-SD** Single Phase

The Next Generation of Advanced Residential Metering

The FOCUS® AX-SD is an advanced meter platform with features that rival any meter in its class. With available service disconnect integrated into the meter base, utilities can take advantage of the 200 Amp relay to disconnect power or limit service remotely using an advance metering technology or manually at the meter. The combination of the FOCUS Service Disconnect base module and powerful AX register provides a flexible system that supports a variety of connect/disconnect and service-limiting applications.

A single circuit board design, mounted at the front of the meter, allows room for modular advanced metering communications or a KYZ option output board. Fewer parts and connectors throughout the board design increase reliability and contribute to better overall endpoint performance. Highly accurate load performance and the use of a field-proven Digital Multiplication Measurement Technique ensure reliability and dependability during the entire life of the FOCUS meter.

Meter reconfiguration can be accomplished optically through the configuration port located on the front cover.

- Select from displayable positive, negative, net and added (security) metrics
- Change the displayed information, order or digits
- Configure a CT/PT meter multiplier to obtain a direct reading
- Preset or reset kWh

With a focus on customer satisfaction, we are committed to providing the best metering solution in terms of capability, technology and affordability. By utilizing our experience and technology with that of our strategic allies and development partners, we provide metering solutions that cover the range of utilities' residential metering needs.



Key Benefits

- Digital Multiplication Measurement technique
- Non-volatile memory
- Designed for a 20+ year life
- Meets or exceeds industry and ANSI standards
- Uses ANSI protocol (between meter and advanced metering device)
- 6 digit LCD and 3 Alpha ID
- Selectable meter multiplier
- Service limiter function
- Event log of 500+ entries
- 77 kb of load profile memory, 1-8 channels
- Advanced second generation over-the-air-flashable firmware

Landis+Gyr
manage energy better

Typical Smart Meter Specifications

Assessment of Exposures Related to Smart Grid Technologies EPRI, Palo Alto, CA: 2011
1021829.

Section 2: Meter Characteristics

Basic Meter Specifications

This report describes measurements of RF fields produced by two different meters that represent those presently in use by PG&E. These include the GE I-210 meter and the Landis-Gyr (L+G) Focus AXR-SD as shown in Figure 2-1. Each of these meters contain either of two different radio (transmitter) configurations developed by Silver Spring Networks (SSN) that carry FCC ID numbers of OWS-NIC507 and OWN-NIC514. Hence, a total of four combinations of meters and radios were included in the evaluations in this report. Both of the radios consist of a nominal 1 watt (+30 dBm) frequency-hopping, spread-spectrum transmitter that operates in the 902-928 MHz license-free band and a nominal 0.1 watt (+20 dBm) radio that uses the Zigbee

protocol for use in the 2,400-2,500 MHz license-free band. The specific meters used in preliminary tests are identified in Table 2-1.

*Table 2-1
Smart meters and serial numbers used in preliminary testing in Colville*

Radio FCC ID	GE I-210	L+G Focus AXR-SD
OWS-NIC507	1003786409	1005290337
OWS-NIC514	1009216599	1008114960



*Figure 2-1
Photographs of the GE I-210 and Landis-Gyr Focus AXR-SD smart meters*

Getting Smarter About the Smart Grid: Your Electricity Usage Patterns Convey A Lot Of Personal Information

National Institute for Science., Law, and Public Policy (November 2012)

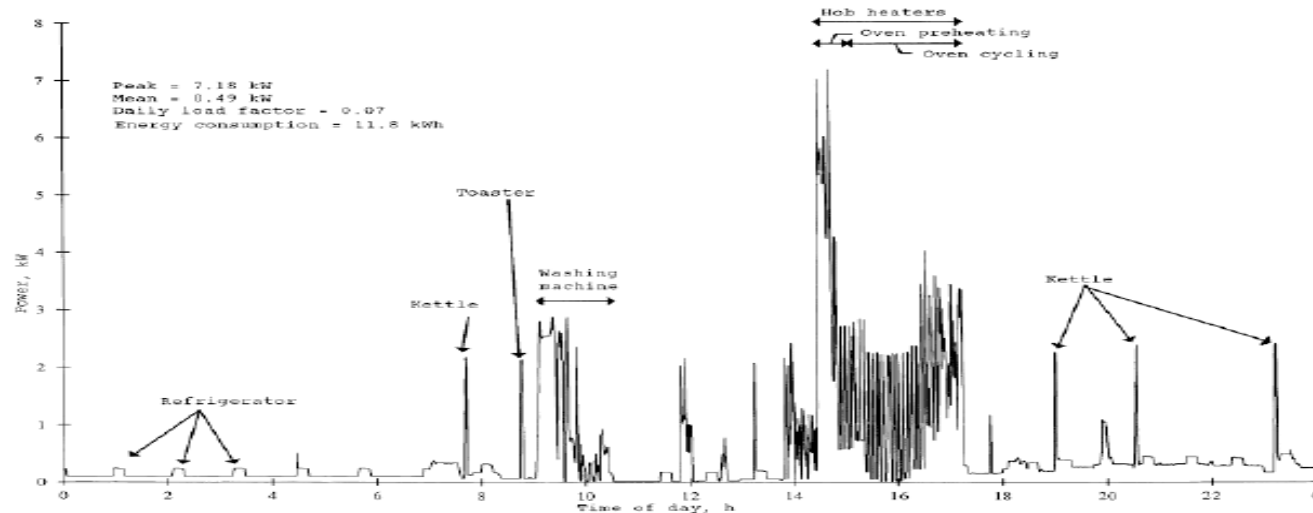


Figure 2 — Household electricity demand profile recorded on a 1-minute time base

Quinn comments on the implications of such data mapping capabilities

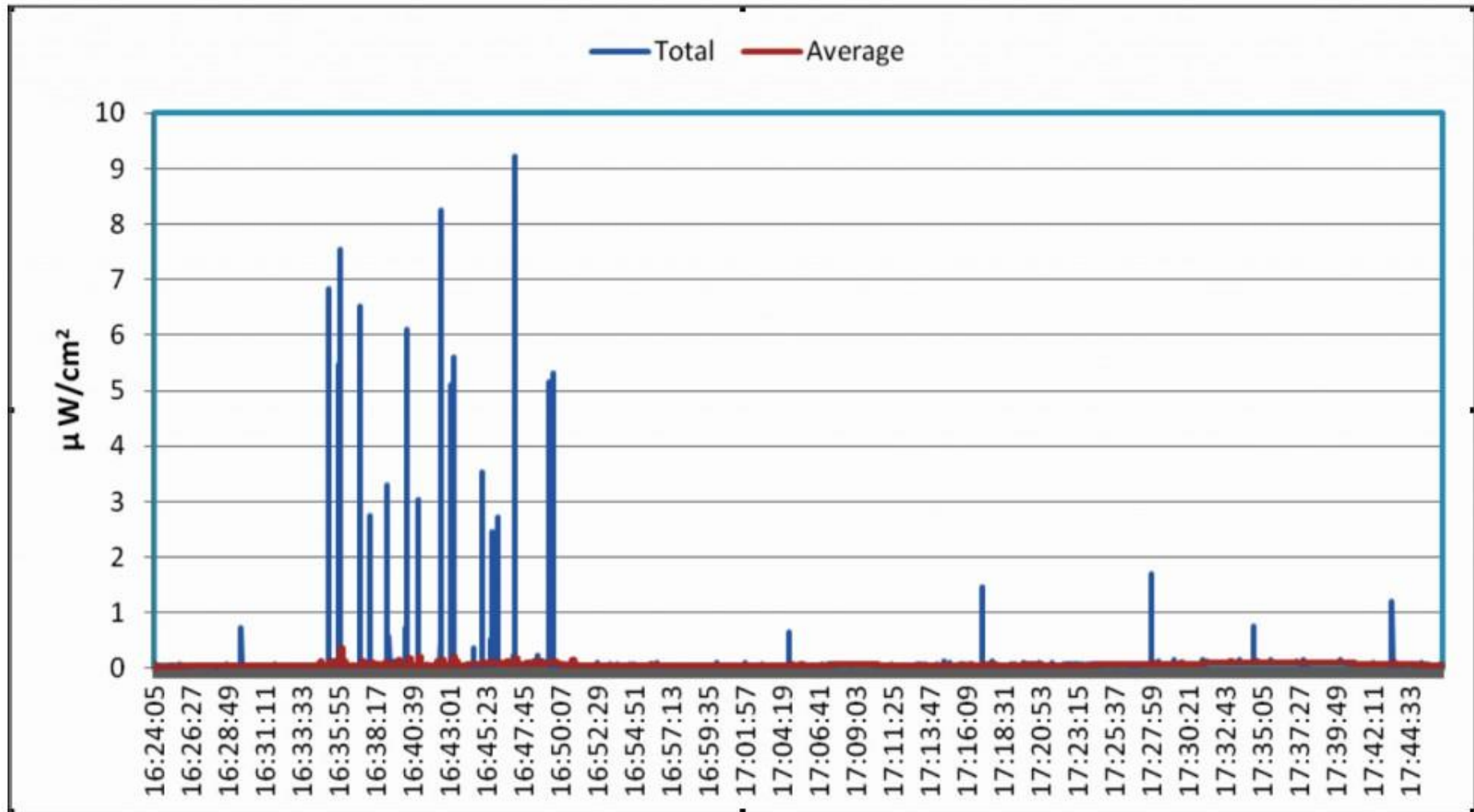
...the massive deployment of smart meters across the country and the trend toward finer and finer interval data means that more and more information will be discernable about more and more people. While the raw information about when an appliance event occurred in a given home may not seem to be sensitive information, it could be used to construct a detailed picture of residential life. Tracking appliance events means smart grid information could tell you the answer to questions like

- How often does a given customer eat microwave dinners as opposed to cooking three-pot meals?
- How many hours of TV does a resident watch? What kind of TV is it?
- When does a resident normally shower (and so cue an electricity draw from the water heater)? (Quinn, 2009, p 9)

The list of questions of interest to third-parties is potentially infinite: How many people live in the house? When do they go to bed? When do they get up? When do they have coffee? What brand of coffee pot do they have? What brand and model of refrigerator do they have? How old is it?

Low Average vs. Repetitive High Spikes

Biological Damage Is Most Sensitive To Spike Waveforms



Your Private Electricity Usage Is A Valuable Commercial Commodity

“As utilities deploy advanced metering infrastructure (AMI) across their distribution grids, the amount of utility and customer-related data explodes – from monthly hand-held meter reads to interval consumption received on a 15-minute or less basis. ***The challenge for the electric utility is to convert this massive amount of data into actionable information for multiple purposes across the enterprise.***” Siemens Smart Grid Advertisement

The Central Intelligence Agency (CIA) may be keeping tally on you (the **NSA** is) CIA Chief David Petraeus at the March 1, 2012 summit for *In-Q-Tel*, the venture capital firm for the CIA:

“The current ‘Internet of PCs will move, of course, toward an ‘Internet of Things’—of devices of all types—50 to 100 billion of which will be connected to the Internet by 2020.”

“Items of interest will be located, identified, monitored, and remotely controlled through technologies such as radio-frequency identification, sensor networks, tiny embedded servers, and energy harvesters—all connected to the next-generation Internet using abundant, low cost, and high-power computing...”

The Smart Meter “Food Chain”

The smart meter network market pyramid



Figure 2 — Smart meter network market dependency pyramid

Your Personal Meter Data Are Converted Into Dollars For Third Parties

3	Third-party data aggregators, Meter Data Management System (MDMS) vendors	Create a new market: commodification of personal data; sell data aggregation and management software and services	OPower, Symbiotics, GridPoint, Current Group, Tendril, HP, Oracle, Cisco, Siemens
4	Industry media and promoters	Promotional opportunities, conferences, reports, advertising revenue	Smart Grid News, UtiliPoint, Forbes, Smart Grid Today, Pike Research
5	State PUCs and other regulators	Appearance of action, protecting utility clients	California PUC
6	Consumers, ratepayers, and taxpayers	Paying the tab (some may feel good—as if something worthwhile is being done)	All electricity users, customers, and ratepayers

Smart Meter Investment Pay-Offs, Consumers Not Mentioned Where Are The Promised Electric Bill Savings?

Level	Institutional actor	Benefits enjoyed	Examples
1	Utilities	Reduce labor and billing costs, truck rolls; perpetuate the centralized control/generation/transmission grid architecture; federal subsidies and grants	PG&E, Duke Energy, Xcel Energy
2	Meter and metering network manufacturers	Immediate sales of equipment, software, and consulting to utilities	GE, Itron, Landis+Gyr, Oncor, Silver Spring Networks, Siemens

The Claims In Maine Stay Mainly In Vain

- Maine Calls Smart Meter Audit: “But now, just 3 years later, Central Maine Power (CMP) has come begging for an over 8% rate increase because they found that, instead of saving ratepayers \$363 million, their “smart” meter program is actually going to cost ratepayers \$99 million,” rate payers Costs Increase 1,848%
- As the Connecticut Attorney General summarized, “...the costs associated with the full deployment of AMI [“smart”] meters are huge and cannot be justified by energy savings achieved.”

<http://www.onlinesentinel.com/news/CMP-smart-meter-program-faces-possible-PUC-audit.html>

May 2013 - Now Add Virginia

Dominion VA Power Offers Opt-Out

SMART METERS

- State public utilities commission adopting regulations making it easier for customers to opt out
- State legislation passed

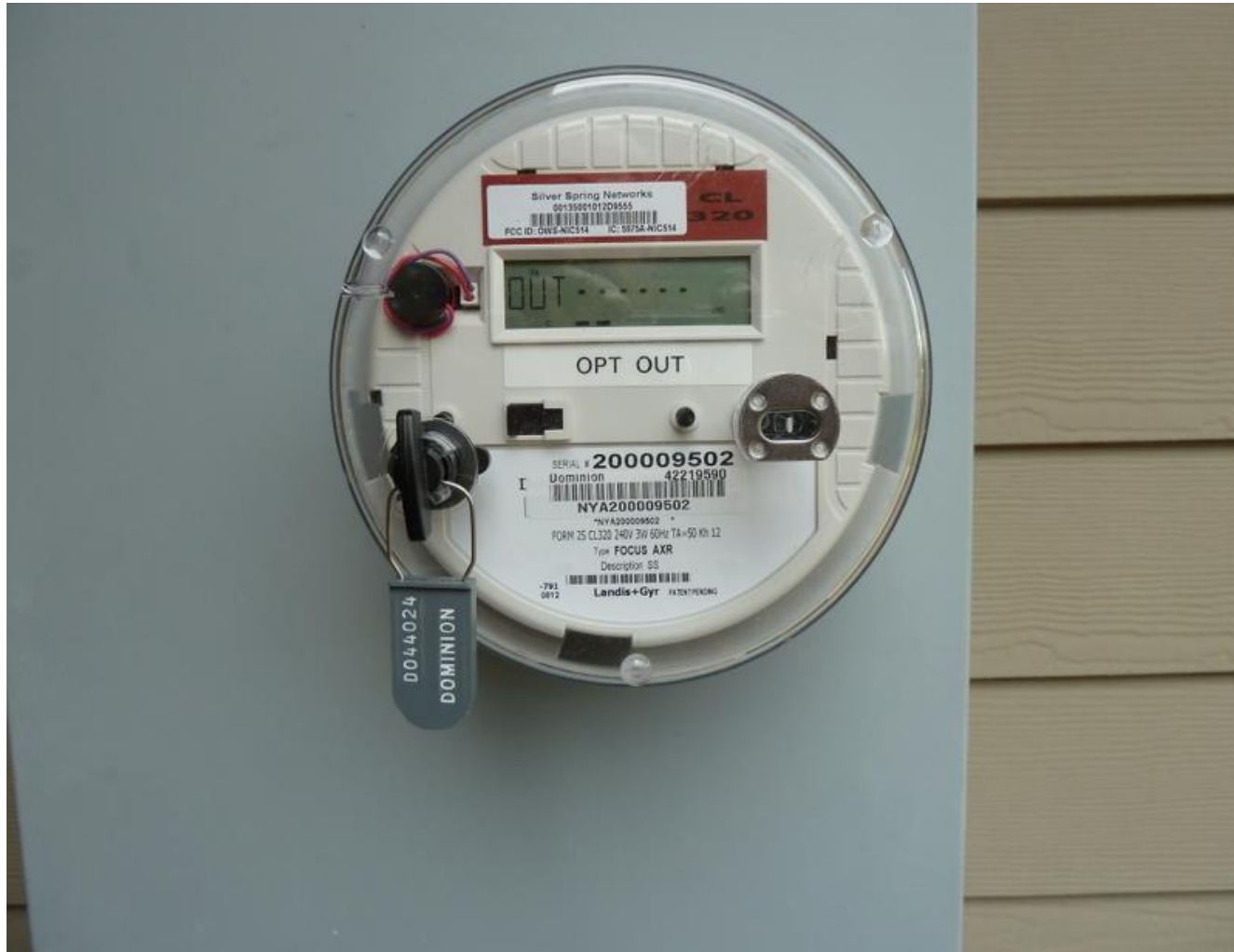
- State legislation pending in House or Senate
- Court ruling



SOURCES: State legislatures, utility commissions, published reports

GLOBE STAFF

An Opt-Out Meter



Dominion VA Power Website Opt-Out “Hide and Seek”

[Dominion Corporate](#) > [About](#) > [Conservation](#) > Smart Meter Deployment

Your Bill

Your Service

Power Outages

Energy Conservation

We're Here to Help You Save

Energy Conservation Programs

Dominion Green Power

Smart Meter Deployment

Energy Saving Tips and
Information

Energy Saving Calculators

Energy Conservation Blog

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Environment

Rates & Tariffs

Smart Meter Deployment



4 people like this. Sign Up to see what your friends like.



Since 2009, Dominion Virginia Power has installed over 100,000 smart meters in demonstration areas of Midlothian, Charlottesville, Northern Virginia, downtown Richmond, Williamsburg and areas of Blue Ridge.

We are continuing our investment in smart meter technology by upgrading meters in Northern Virginia. Approximately 200,000 customers living inside the Beltway of Northern Virginia, including localities of Falls Church, Arlington, Alexandria and Fairfax will experience an upgrade in metering technology in the next year.

About Smart Meters

Dominion Web-Site

Environment

Rates & Tariffs

Rates Education

For Businesses

About Smart Meters

As technology has evolved over recent years, so has the way in which Dominion communicates with the meter. [Learn more](#) about how metering technology has advanced.

Smart meters use digital technology to enable secure two-way communication between the meter and Dominion's electric distribution system.

Dominion uses smart meters, communications and information technology infrastructure to promote energy conservation and environmental responsibility, and improve customer service and utility operations. [View a video to learn more.](#)

What are the benefits of a Smart Meter?

- **Remote meter readings** - Dominion will be able to remotely collect meter readings daily, ensuring that your smart meter is working properly. [View a video to learn more.](#)
- **Healthier environment** - Smart meter data collection means fewer trucks on the road, reducing emissions and benefiting the environment.
- **Improved delivery of energy** - Through delivery of more consistent voltage levels, Dominion will be able to save on fuel at generating facilities and operating costs, the benefits of which will be passed onto the customer through responsible rates. [View a video to learn more.](#)
- **Remote meter turn on and off** - Smart meters enable Dominion to turn your electric service on and off without having to send an employee to your home or business. [View a video to learn more.](#)
- **Smart Pricing Plans** - Smart meters can measure energy usage every 30 minutes which enables Dominion to offer pricing plans that vary based on the time of day, providing you with a voluntary option for energy prices and an opportunity for savings. [View a video to learn more.](#)

What can Smart Meters provide in the future?

- **Power outage detection** - Smart meters can notify Dominion when your power goes out and when it has been restored.
- **Energy Information** - The ability for the customer to log into [Manage Your Account](#) to receive more detailed energy usage means that you can take control of how and when you use energy.

Information and Projects


[Smart Meter FAQs](#)


[Smart Meter PDF](#)


[Smart Meters : Protecting Privacy](#)

[Smart Pricing Plan](#)

Did You Find The Opt-Out?



Mobile Site  Sign In Register

Corporate 

CustomersProductsInvestorsNewsCareersCivismAbout Dominion

[Dominion Corporate](#) > [About](#) > [Conservation](#) > [Smart Meter FAQs](#)

Your Bill

Your Service

Power Outages






Energy Conservation

Rates & Tariffs

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For Businesses

Smart Meter FAQs

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About the Smart Meter

[What is a smart meter?](#)

[What is the benefit of having a smart meter?](#)

[Why is Dominion upgrading meters?](#)

[What is a smart grid?](#)

[Will I still need to contact Dominion if I have a power outage?](#)

Smart Meter Upgrades

[Will I get a smart meter?](#)

[Where will Dominion Virginia Power place the smart meter at my house or business?](#)

[How big is the smart meter?](#)

[What should I expect the day of the smart meter upgrade?](#)


[How do I read a smart meter?](#)

[Can I make an appointment for the meter upgrade?](#)

We are scheduling appointments for smart meter upgrades where meter technicians may encounter an access issue. In other instances, it is not necessary to schedule an appointment.

On the day of upgrade, the technician will knock on your door before beginning work and leave a door hanger if you are not home, indicating the exchange occurred earlier that day.

If you have questions about the meter upgrade project, call **866-566-6436**.



[Will my bill go up after a smart meter is installed?](#)

[What if I have a security alarm engaged during the meter upgrade?](#)

[Are there alternatives to receiving a smart meter?](#)

Dominion has an option for customers who do not wish to have a fully functional smart meter installed at their home. Dominion Virginia Power offers a Non-Communicating Meter Option, (Opt-Out). The Non-Communicating meters are smart meters with both the two-way communications and data storage features disabled.

Dominion Virginia Power Contact
Information For “Smart Meter” Opt-
Out Forms


1/866-566-6436

Dominion Contact: Scott Francis
Program Manager


Non-Communicating Meter Option

Virginia –Based

www.momsforsaferwireless.org




Center for Safer Wireless
Promoting Safety in Our Wireless World




[Home](#) | [About Us +](#) | [Why Wireless Safety? +](#) | [Children +](#) | [Research +](#) | [News and Events +](#) | [Get Involved +](#) | [Our Stories](#) | [Products](#) | [Contact Us](#) | [Donate!](#) | [Video Vault](#) | [Links](#)

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The Center for Safer Wireless
"Thus, the study demonstrated that low level microwave radiation had significant effect on cognitive function and was also capable of leading to oxidative stress."
[Effect of low level microwave radia... \[Indian J Biochem Biophys. 2013\] - PubMed - NCBI](#)
www.ncbi.nlm.nih.gov
PubMed comprises more

Facebook social plugin


[Take the cell phone safety pledge!](#)

I am concerned about the risk of long-term health effects when I use a cell phone and it touches my ear and head. I pledge to spread the word about cell phone safety to my friends, family, and neighbors. I will be a role model and use a cell phone more safely.

Learn the [Top 10 Tips for Safer Cell Phone Use](#).

The Center for Safer Wireless is a 501 (c)(3) nonprofit organization that enhances public understanding of wireless technology and products.

Do you experience headaches, fatigue, [insomnia](#), concentration problems, heart palpitations or anxiety? If so, [pulsed radiofrequency radiation](#) may play a role.



Do you have a [smart meter](#) on your home which measures utility usage? They are currently being installed on homes across the United States and Canada. Learn about [smart meters](#).

[Sign the petition opposing wireless smart meters in Virginia](#)

[Sign the petition opposing wireless smart meters in Maryland](#)

[Sign the petition opposing wireless smart meters in the District of Columbia](#)

www.stopsmartmeters.org

Stop Smart Meters!

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Cindy Sage and LADWP Discuss 'Smart' Meters

Posted on [May 30, 2013](#) by [onthelevelblog](#)



From [EMF Safety Network](#):

Last week at a Woodland Hills City Council meeting, the Los Angeles Department of Water and Power (LADWP) presented information about their Smart Meter deployment plans, while environmental consultant [Cindy Sage](#), co-editor of the [BioInitiative Report](#), presented information warning of the deployment risks.

Contact Stop Smart Meters!
Try **FAQ** before writing.
[info\[at\]stopsmartmeters\[dot\]org](mailto:info[at]stopsmartmeters[dot]org)
No attachments please

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[Report: Getting Smarter About the Smart Grid](#)

[Health Experts Caution on "Smart" Meters](#)

[Smart Meter Day of Action](#)

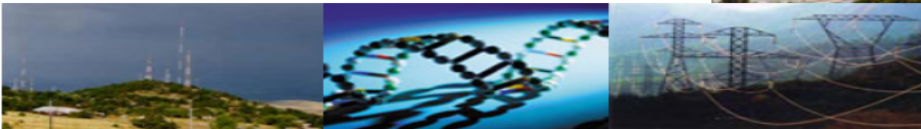
[Primer on FCC Guidelines](#)

[Cell Phone Right to Know Act](#)

[Big Basin 4G Threat](#)

www.EMRPolicy.org

The **EMR** Policy Institute
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Advancing Sound Electromagnetic Radiation (EMR) Public Policy

P.O. Box 117 Marshfield VT 05658 E-mail: info@emrpolicy.org

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May 20, 2013 - [Take Action to Oppose Thomas E. Wheeler for FCC Chairman](#)

The Wheeler confirmation hearing at the Senate Committee on Commerce, Science & Transportation will likely be held the first week of June.

Mar 20, 2013 09:02 ET - MARSHFIELD, VT--([Marketwire - Mar 20, 2013](#)) - The EMR Radiation Policy Institute (EMRPI) releases Videos revealing the FCC's failure to protect Americans from wireless radiofrequency (RF) radiation.

US workers and families are at risk of overexposure to RF at hazardous levels. Hundreds of wireless industry-operated antenna sites from Maine to California have been tested by EMRPI and found to be in gross violation -- up to and in excess of 600% -- of the FCC's public exposure limits. These sites > ...

Jan. 25, 2013 - [21st Century Science Denial](#)

Part I: Psychopolitical Paranoia

Part II: The Politics of Cell Phone Radiation

Part III: Rise of the Machines

This series of articles was adapted from originals written in 2011 by Deborah Kopald MBA in response to Felicity Barringer's *New York Times* coverage of the anti-smart meter movement.

Nov. 20, 2012 - [How safe are the wireless devices on your holiday gift list?](#) As US holiday shoppers gear up for "Black Friday," news outlets are reporting on the findings of the recent Yale School of Medicine cell phone study funded by the Eunice Kennedy Shriver National Institute of Child Health & Human Development. The Yale study demonstrates that exposure to radiation from cell phones during pregnancy affects the brain development of offspring.

October 4, 2012 - Sign The EMR Radiation Policy Institute's petition on the White House web site. We are requesting that the Obama Administration support and sign [The Cellphone Right to Know Act" HR. 6358](#). This bill calls for the EPA to develop biologically-based wireless radiofrequency (RF) radiation exposure limits as well as for the FCC to be required to enact these new RF safety limits. It also calls for labeling of wireless devices so consumers will know, at point of sale, the level of RF radiation that each device emits.

[Find here full instructions](#) as well as the link to the White House website where you can sign

<http://www.electrosmogprevention.org/public-health-alerts/>

CEP

Center for Electromog Prevention

a California nonprofit working to
protect public health

click here to learn about

THE SCIENCE BEHIND THE HARM

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Public Health Alerts

- [WHO: RF radiation and cancer risk \(April 24, 2013\)](#) (4/24/2013)
- [Israeli cell phone company to compensate customer who contracted cancer](#) (3/4/2013)
- [CPUC's Peevey Gets "Peeved" – Yells "Shut Up", Tries to Stifle Free Speech](#) (3/3/2013)
- [Maine Coalition to Stop Smart Meters Legal Updates](#) (2/10/2013)
- [Wi-Fi Dangers in Schools Resources List](#) (2/8/2013)
- [SCWSSM Files FCC Comments re: Disabled and Wireless](#) (2/7/2013)
- [Wi-Fi in Schools: Testing for Microwave Radiation Dangers in the Classroom](#) (2/2/2013)
- [Curtis Bennett on Heating of Tissues by Wi-Fi, Smart Meters, Baby Monitors and more....](#) (2/2/2013)
- [Smart Meter Information from EI Wellspring and Other Sources](#) (1/28/2013)
- [EI Wellspring – Smart meters, Electrosensitivity, Powerline Communications \(PLC\) and more...](#) (1/28/2013)
- [How to identify and reduce electrosmog](#) (1/27/2013)
- [Naperville, IL Thuggish Smart Meters Install w/ arrests and threats](#) (1/26/2013)
- [Analysis: Smart Meter and Smart Grid Problems – Legislative Proposal](#) (1/17/2013)
- [Updated: Parents Angered by Encinitas Cell Phone Towers](#) (1/10/2013)
- [PUBLIC EXPOSURE: DNA, Democracy and the 'Wireless Revolution' \(YouTube\)](#) (1/6/2013)
- [Wireless Health Issues for Children and Young People With Learning Disabilities and Special Health Needs](#) (1/6/2013)

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Other Meters

IR Thermometers, Geiger Counters, **Ghost Hunting**, Motion/Vibration, Sound and more

Other Items

EMF Books & Videos, Educational Kits, Schumann Devices, Electrical Sensitivity Items



EMF Shielding By The Foot

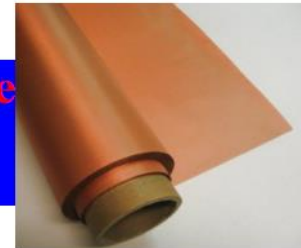
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Staticot Silverell Wear Naturell Ex-Static Stretch ArgenMesh Soft&Safe SaniSilver™	VeilShield High Performance Mesh Stainless Steel Mesh Canopy Mesh ESD Static Fabric Daylite	Pure Copper Taffeta Nickel Copper Ripstop RipStop Silver CobalTex RadioScreen Shieldit Super	Hook & Loop Conductive Thread Copper Wire Mesh AL100 Microwave Absorber Conductive Fabric Tape

From *Smart Meters* To Not-So-Smart *Wi-Fi* in K-12 Classrooms

- Did the School Board get the parents' informed consent to have their children emf radiated daily in class?
- Wi-Fi is such an addictive and alluring technology that health concerns are apparently swamped by the determination of eager school administrators to have the latest technology.
- Wi-Fi operates at 2.4 GHz microwave oven frequency

From: [www.wifiaustralia](http://www.wifiaustralia.org)



Reported Symptoms :



- Headaches, Dizziness, Anxiety, Insomnia
- Loss of concentration & memory
- Pressure in the eyes, Deterioration in vision
- Sensitivity to light
- Nosebleeds & Impaired sense of smell
- Ringing in ears, Hearing loss
- Fatigue, weakness, numbness, tingling
- Heart palpitations and arrhythmia
- Shortness of breath
- High blood pressure
- Skin problems
- Digestive problems, Nausea

04:51 / 18:30

WiFi in Schools - The Facts

wifiaustralia · 1 video

Subscribe 24

7,190

<http://www.safeschool.ca/>: symptoms are being reported by students inside Simcoe County Schools in Canada. Children did not experience these symptoms prior to Wi-Fi's introduction into the school system. These reported symptoms tend to subside when the children are at home, or on weekends and extended periods away from their school. Something in their school environment is affecting certain children

.
* **Skin Rash** (mostly lower leg, goes away on weekends or longer breaks)

* **Hyperactivity** (appears mostly among children not previously hyperactive)

* **Night Sweats** (unexplainable, unrelated to fever, and lasting several nights)

* **Insomnia** (restless sleep)

. * **Headaches** (3-5X per week, that require medicine)

* **Dizziness - Nausea - Vertigo** (gone after student leaves the school)

* **Visual and Auditory Distortion**

* **Racing Heart Rate** (Tachycardia)

* **Memory Loss** (difficulty remembering school information)

* **Attention Deficit** (difficulty concentrating while in class)

“60 Page Autism Report With Over 550 citations...”

HARVARD MEDICAL SCHOOL

Martha R. Herbert, Ph.D., M.D.
Assistant Professor, Pediatric Neurology
Director, TRANSCEND Research Program
www.transcendresearch.org
transcend@partners.org



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Martinos Center for Biomedical Imaging
149 13th Street, Room 10.018
Boston, Massachusetts 02129
Phone: (617) 724-5920
Fax: (617) 812-6334
mherbert1@partners.org

TO: Los Angeles Unified School District
FROM: Martha R Herbert, PhD, MD
RE: Wireless vs. Wired in Classrooms
DATE: February 8, 2013

I am a pediatric neurologist and neuroscientist on the faculty of Harvard Medical School and on staff at the Massachusetts General Hospital. I am Board Certified in Neurology with Special Competency in Child Neurology, and Subspecialty Certification in Neurodevelopmental Disorders.

I have an extensive history of research and clinical practice in neurodevelopmental disorders, particularly autism spectrum disorders. I have published papers in brain imaging research, in physiological abnormalities in autism spectrum disorders, and in environmental influences on neurodevelopmental disorders such as autism and on brain development and function.

I recently accepted an invitation to review literature pertinent to a potential link between Autism Spectrum Disorders and Electromagnetic Frequencies (EMF) and Radiofrequency Radiation (RFR). I set out to write a paper of modest length, but found much more literature than I had anticipated to review. I ended up producing a 60 page single spaced paper with over 550 citations. It is available at http://www.bioinitiative.org/report/wp-content/uploads/pdfs/sec20_2012_Findings_in_Autism.pdf.

In fact, there are thousands of papers that have accumulated over decades – and are now accumulating at an accelerating pace, as our ability to measure impacts become more sensitive – that document adverse health and neurological impacts of EMF/RFR. Children are more vulnerable than adults, and children with chronic illnesses and/or neurodevelopmental disabilities are even more vulnerable. Elderly or chronically ill adults are more vulnerable than healthy adults.

Current technologies were designed and promulgated without taking account of biological impacts other than thermal impacts. We now know that there are a large array of impacts that have nothing to do with the heating of tissue. The claim from wifi proponents that the only concern is thermal impacts is now definitively outdated scientifically.

EMF/RFR from wifi and cell towers can exert a disorganizing effect on the ability to learn and remember, and can also be destabilizing to immune and metabolic function. This will make it harder for some children to learn, particularly those who are already having problems in the first place.

Harvard Letter, Page Two

Powerful industrial entities have a vested interest in leading the public to believe that EMF/RFR, which we cannot see, taste or touch, is harmless, but this is not true. Please do the right and precautionary thing for our children

I urge you to step back from your intention to go wifi in the LAUSD, and instead opt for wired technologies, particularly for those subpopulations that are most sensitive. It will be easier for you to make a healthier decision now than to undo a misguided decision later.

Thank you.

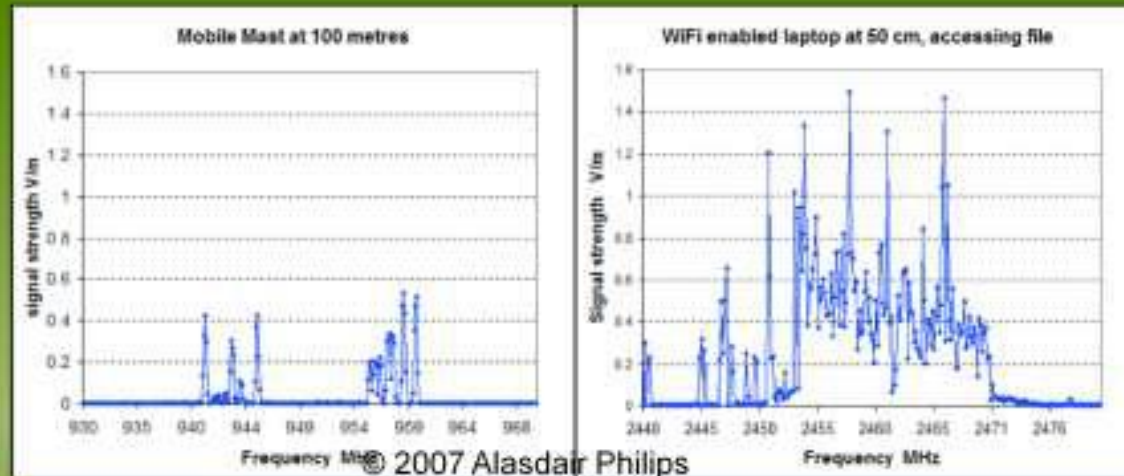
A handwritten signature in black ink, appearing to read 'Martha Herbert', with a long horizontal flourish extending to the right.

Martha Herbert, PhD, MD
Pediatric Neurology
Martinos Center for Biomedical Imaging
Massachusetts General Hospital
Harvard Medical School
Boston, Massachusetts
USA

A Connectivity Alternative To Wi-Fi



Wi-Fi Laptop More Radiation Exposure Than Cell Tower



Wi-Fi: **100-6,000** $\mu\text{W}/\text{m}^2$

Cell Tower: **400-800** $\mu\text{W}/\text{m}^2$

Wi-Fi Networks vs. Cell Towers

©2013 Katharina Gustavs www.buildingbiology.ca

International Agency for Research on Cancer



PRESS RELEASE
N° 208

31 May 2011

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Lyon, France, May 31, 2011 -- The WHO/International Agency for Research on Cancer (IARC) has classified radiofrequency electromagnetic fields as [possibly carcinogenic to humans \(Group 2B\)](#), based on an increased risk for [glioma](#), a malignant type of brain cancer¹, associated with wireless phone use.

Background

Over the last few years, there has been mounting concern about the possibility of adverse health effects resulting from exposure to radiofrequency electromagnetic fields, such as those emitted by wireless communication devices. The number of mobile phone subscriptions is estimated at [5 billion globally](#).

From [May 24–31 2011, a Working Group of 31 scientists from 14 countries has been meeting at IARC in Lyon, France, to assess the potential carcinogenic hazards from exposure to radiofrequency electromagnetic fields](#). These assessments will be published as Volume 102 of <http://monographs.iarc.fr/ENG/Meetings/index.php>

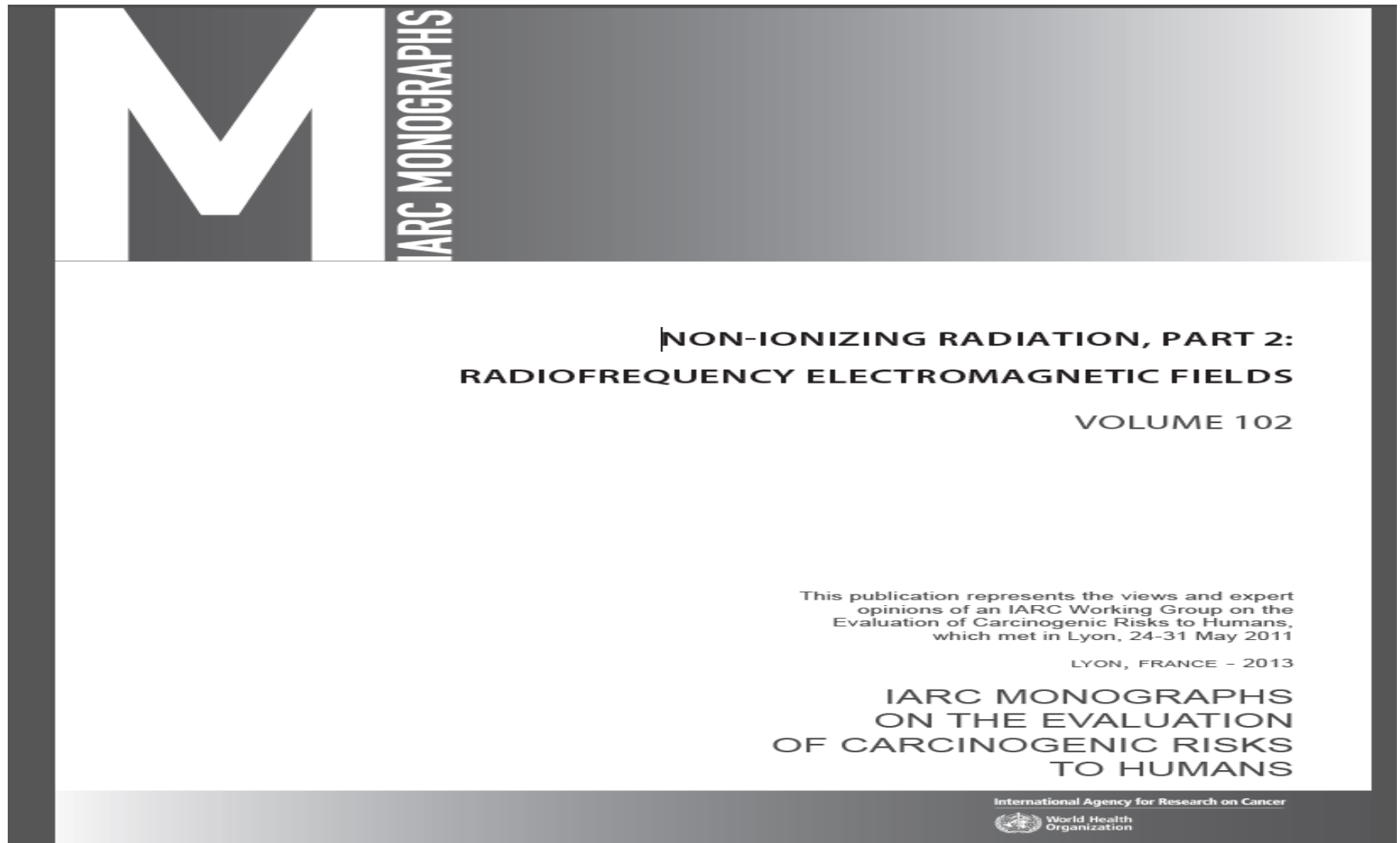
WHO Report 2011 contains the conclusion:

"Dr Jonathan Samet (University of Southern California, USA), overall Chairman of the Working Group, indicated that "the evidence, while still accumulating, is strong enough to support a conclusion and the 2B classification. The conclusion means that there could be some risk, and therefore we need to keep a close watch for a link between cell phones and cancer risk."

http://www.iarc.fr/en/media-centre/pr/2011/pdfs/pr208_E.pdf

WHO Agency for Research on Cancer (2013):

Wi-Fi Radiation Class 2B Carcinogen (includes lead and auto exhaust)



What Do The U.S.

FDA

EPA

FCC

Have To Say About EMF Radiation
Health Safety?

U.S. Food and Drug Administration (FDA) Provides No Guidance On EMF Radiation Safety

"Under the law, FDA does not review the safety of radiation-emitting consumer products such as cell phones and similar wireless devices before they can be sold, as it does with new drugs or medical devices..."

<http://www.fda.gov/radiation-emittingproducts/radiationemittingproductsandprocedures/homebusinessandentertainment/cellphones/default.htm>



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 16 2002

OFFICE OF
AIR AND RADIATION

Ms. Janet Newton
President
The EMR Network
P.O. Box 221
Marshfield, VT 05658

Dear Ms. Newton:

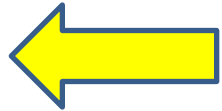
This is in reply to your letter of January 31, 2002, to the Environmental Protection Agency (EPA) Administrator Whitman, in which you express your concerns about the adequacy of the Federal Communications Commission's (FCC) radiofrequency (RF) radiation exposure guidelines and nonthermal effects of radiofrequency radiation. Another issue that you raise in your letter is the FCC's claim that EPA shares responsibility for recommending RF radiation protection guidelines to the FCC. I hope that my reply will clarify EPA's position with regard to these concerns. I believe that it is correct to say that there is uncertainty about whether or not current guidelines adequately treat nonthermal, prolonged exposures (exposures that may continue on an intermittent basis for many years). The explanation that follows is basically a summary of statements that have been made in other EPA documents and correspondence.

The guidelines currently used by the FCC were adopted by the FCC in 1996. The guidelines were recommended by EPA, with certain reservations, in a letter to Thomas P. Stanley, Chief Engineer, Office of Engineering and Technology, Federal Communications Commission, November 9, 1993, in response to the FCC's request for comments on their Notice of Proposed Rulemaking (NPRM), Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation (enclosed).

The FCC's current exposure guidelines, as well as those of the Institute of Electrical and Electronics Engineers (IEEE) and the International Commission on Non-ionizing Radiation Protection, are thermally based, and do not apply to chronic, nonthermal exposure situations. They are believed to protect against injury that may be caused by acute exposures that result in tissue heating or electric shock and burn. The hazard level (for frequencies generally at or greater than 3 MHz) is based on a specific absorption dose-rate, SAR, associated with an effect

Norbert Hankin EPA Letter Continued, From Page 2:
***Daily, Chronic , Non-Thermal, Low-Level Exposure
Is Not Deemed Safe By The FCC***

nonthermal effects. The FCC does not claim that their exposure guidelines provide protection for exposures to which the 4 W/kg SAR basis does not apply, i.e., exposures below the 4 W/kg threshold level that are chronic/prolonged and nonthermal. However, exposures that comply with the FCC's guidelines generally have been represented as "safe" by many of the RF system operators and service providers who must comply with them, even though there is uncertainty about possible risk from nonthermal, intermittent exposures that may continue for years.



Federal Communication Commission (FCC)

Farms Out Health And Safety Issues

"However, the FCC's primary jurisdiction does not lie in the health and safety area, and it must rely on other agencies and organizations for guidance in these matters."

<http://transition.fcc.gov/oet/rfsafety/rf-faqs.html>

Federal Communications Commission FCC 13-39
Before the Federal Communications Commission
Washington, D.C. 20554 Adopted: March 27, 2013
Released: March 29, 2013

Reassessment of Federal Communications ET Docket No. 13-84
Commission **Radiofrequency Exposure Limits and Policies**

Proposed Changes in the Commission's Rules
ET Docket No. 03-137

Regarding Human Exposure to Radiofrequency Electromagnetic Fields

In response to the AWS-2 NPRM, a few commenters stated that the **Commission's RF safety rules are inadequate because the rules are based on physics rather than biological studies.** See, e.g., Richard Albanese Comments; Canyon Area Residents for the Environment (CARE) Reply Comments. **To address RF safety, the Commission has proposed to amend its rules "to ensure that the public is appropriately protected from any potential adverse effects from RF exposure."**

Proposed Changes in the Commission's Rules Regarding Human Exposure to Radiofrequency Electromagnetic Fields, ET Docket No. 03-137, Notice of Proposed Rulemaking, 18 FCC Rcd 13187, 13188 ¶ 1 (2003). To the extent that commenters desire to change the RF standards, commenters can file in this proceeding but should also file in ET Docket No. 03-137.

<http://www.fcc.gov/document/fcc-review-rf-exposure-policies>

"The purpose of the Order and Further Notice is to advance ET Docket 03-137 with respect to how to demonstrate compliance with NEPA and our RF exposure limits, but that proceeding **does not reach the issue of whether our exposure limits are appropriate.**

Since consideration of the limits themselves is explicitly outside of the scope of ET Docket 03-137, we propose with the Inquiry **to open a new docket to consider those limits in light of more recent developments.**

The Inquiry is intended to open discussion on both the currency of our RF exposure limits and possible policy approaches regarding RF exposure."

Swedish review strengthens grounds for concluding that radiation from cellular and cordless phones is a probable human carcinogen.

Davis DL, Kesari S, Soskolne CL, Miller AB, Stein Y.

- **“No other environmental carcinogen has produced evidence of an increased risk in just one decade.** Empirical data have shown a difference in the dielectric properties of tissues as a function of age, mostly due to the higher water content in children's tissues. High resolution computerized models based on human imaging data suggest that **children are indeed more susceptible to the effects of EMF exposure at microwave frequencies**
- Studies carried out in Sweden indicate that those who begin using either **cordless or mobile phones regularly before age 20 have greater than a fourfold increased risk of ipsilateral glioma.”**

Former Microsoft Canada President Agrees School Wi-Fi Is A Potential Health Hazard

TORONTO, May 9, 2013 /CNW/ - Frank Clegg, one of the biggest names in Canadian technology, announced today that he stands behind parents who object to wireless internet in schools.

"There are already children who can't go to school because of headaches, nausea and heart problems from the wireless systems," said Clegg who ran Microsoft Canada for 14 years and now leads a national organization called Citizens 4 Safe Technology (C4ST).

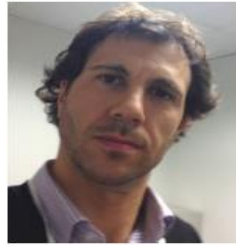
"Some of these kids have a doctor's note to prove it," said Clegg. "This is a real hazard and we shouldn't wait for the government to catch up to the technology. **We should exercise caution, especially with children.**"

Distributed Antenna Systems (DAS) Are Big Business

Funding Options for DAS and Small-Cell Solutions on Campus



Jon Morris
AT&T



Nestor Salvado
CommScope



Ray Hild
Corning MobileAccess



Tracy Ford
HetNet Forum

*A Webinar from HetNet Forum
May 23, 2013 2 p.m. EST*



How To Make Money On Campus

Tower Company Overview

A viable funding option for your campus

- They own and operate a large amount of the macro cell towers in the US for the carriers.
- Their model is to provide the funding for wireless infrastructure and lease back to the carriers over a period of time.
- Tower companies are your “wireless agent”. They partner with you to determine the best wireless solutions, and can pay for it as well.
- They understand each carrier’s requirements and model your solution to them.
- LMR, Public Safety radio, WiFi and Cellular can be included in the terms.

Tower companies have a vendor and carrier agnostic approach, and work with you on your specific requirements.

DAS On Campus

DAS Drivers in Higher Education

COMMScope®

- First-responders need reliable 2-way radio coverage in all buildings, tunnels, basements, etc.
- Student and faculty cell phone coverage is a matter of convenience.
- E-911 cell phone coverage is a matter of safety.
- Parents want instant access to their kids.
- Demand for coverage in stadiums.
- The image/reputation/brand of the institution requires good cell phone coverage for voice and data services through the campus.

It is important to rank your drivers by priority.



High-Ed DAS Drivers

DAS Selling Points

Applications on the DAS

- Some higher education entities are adding applications to their existing DAS networks. Why not utilize the smart devices in and around the campus to:
 - Push course curriculum to the students
 - Shuttle bus and campus event schedules
 - Faculty and staff communication
 - Student safety and security
 - Partnerships with nearby retail establishments
 - Interoperability with local first responders
 - Promote a sense of community on campus
 - Enhance your overall wireless bandwidth
 - Reduce land line devices

You can do more than just make cell phones work on your campus.

The European View Of Health Concern

<http://www.wifiinschools.org.uk/resources/safeschools2012.pdf>

Safe Schools

2012



Healthy Schools

Safe Schools

Health Promoting Schools

Proactive Safeguarding

Healthy Development

Optimised Learning

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Grateful appreciation is given to all those who have offered comments for this document and helped in its preparation.

Available electronically at: <http://www.wifiinschools.org.uk/resources/safeschools2012.pdf>

June 2012. To contribute to a future edition, please contact:

E-mail: contact@wifiinschools.org.uk, Address: BM Wifiinschools.org.uk, London, WC1N 3XX.

Wifiinschools.org.uk offers free information about the safety of wireless technologies. It does not sell any products and has no

Albemarle School Board Response: Don't Worry, “They Have Determined”...The FCC, FDA, and the EPA Do Not Know What Is Safe, But The Albemarle School Board Does...

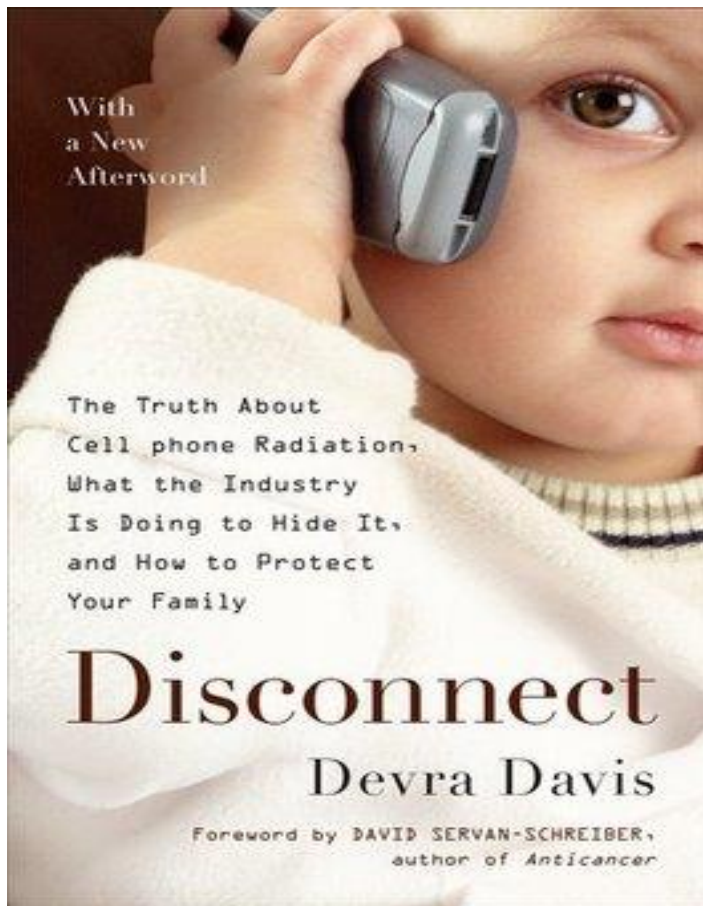
Steve Koleszar: Albemarle School Board Chair May 15, 2013:

“I have referred this issue to the our health advisory committee. **They have discussed it and determined that wifi is not a threat to our students' health.** Since then, I continue to forward to them the additional information that you have supplied. I am sure they will again review the issue in the next year.”

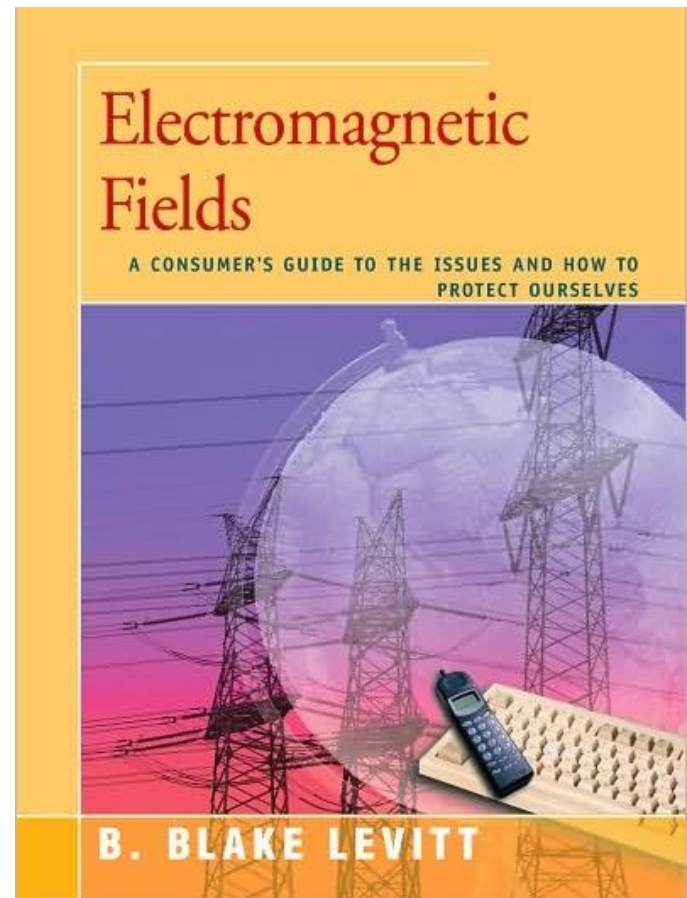
Problem Solved By Discussion!

Reading Material

September 23, 2010



(December 13, 2007)



From Canada

RADIATION EDUCATION --> *EMR Safety for kids...BY KIDS*



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Why Is WiFi Bad?

Why Are Cell Phones Bad?

How To Protect Yourself

T-Shirts & Stuff

Letter For Parents

Letter For Schools

Helpful Sites

Contact Us

Wanna Know About Radiation?



What would happen if kids just stopped going to school because of the wireless radiation?

Would that get parents, teachers and schools to finally listen to what kids are trying to say about the dangers of wireless computers and cell phones?



Enter your info and we'll send you our **Radiation Education Action Pack!** This is all the letters, forms, brochure and survey you can use to help protect yourself and get WiFi out of your school and neighborhood:

First Name *



PROTECTING OUR CHILDREN FROM WIRELESS TECHNOLOGY



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We all enjoy the convenience mobile technology gives us but there may be serious health risks, especially for children.

WiredChild will help you reduce the risks from using mobile phones, cordless phones, wi-fi and other wireless products.

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You need to a flashplayer enabled browser to view this YouTube video

What can you do?

Simple steps to protect your child >>



Did you know?



UK Chief Medical Officers' advice: children under 16 should not use mobile phones except for short essential calls >>



The French government is banning advertising of mobile phones to children >>



All the independently-funded scientific studies of longer term mobile phone use have found an increased risk of brain tumours >>

There Is No Safe Standard For Wi-Fi Childhood Exposure

Tell It To The School Board



stopsmartmeters.org.uk