

ORIGINAL



0000129516

Antonio Gill

Smart Meter Generic Investigation E-00000C-11-0328

From: Ray & Holly [holly777]
Sent: Sunday, September 1
To: Burns-Web; Pierce-W
Subject: FW: Smart Meter (AP

Dear Corporation Commissioners Ms. Burns and Mr. Pierce:
From AZ Freedom Alliance, I was made aware of your investigation into the "Smart Meters." Here is a copy and response from APS from/to me regarding this subject from last month. I do have my concerns about these meters and strongly encourage you to look into this issue. We are Precinct Committeemen from Maricopa Cty, LD 7.

Thanks,
Ray and Holly Buss

RECEIVED
2011 SEP 13 / A 11: 11
AZ CORP COMMISSION
DOCKET CONTROL

Arizona Corporation Commission
DOCKETED

SEP 13 2011

DOCKETED BY [Signature]

From: aps@aps.com [mailto:aps@aps.com]
Sent: Tuesday, August 02, 2011 2:36 PM
To: holly777@cox.net
Subject: Smart Meter (APS Ref # 1679107)

Dear Mrs. Buss,

Thank you for contacting APS to opt-out of having a smart meter installed at your home. We value your business and appreciate your feedback.

Please let me reassure you that APS takes the security of all customer account information very seriously. We continue to work with smart meter vendors, electric utilities and governmental agencies to refine security standards and practices to ensure that security is at the highest level. APS also has outside security firms audit and review our smart meter system to validate our security practices. To learn more about smart meters, visit: http://www.aps.com/main/services/residential/FAQ/ResFAQ_79.html.

Also, The Federal Communications Commission has radio frequency standards which have been in place for a number of years on the "maximum permissible exposure" for the wireless communication components in smart meters. These units from 20 inches away emit less electromagnetic frequency than a cordless phone, cell phone, microwave, baby monitor or even what naturally occurs in the human body. To view the California Council on Science and Technology's recent report titled "Health Impacts of Radio Frequency from Smart Meters," visit http://www.ccst.us/news/2011/20110111smart.php.

Please allow me to explain that Service Schedule 1: Terms and Conditions for Standard Offer and Direct Access Services, approved by the Arizona Corporation Commission (ACC), allows APS to access our equipment located on your property and remove and install new units as needed. Please refer to Section 5.4.2 in this document available at http://www.aps.com/files/rates/sched-01.pdf. Our company is in the process of installing smart meters throughout the state and we expect to complete the project by the end of 2014.

We appreciate the opportunity to serve you, and hope this is helpful. Feel free to contact us if you need further assistance.

Sincerely,

Valerie D.
APS Customer Service

APS is committed to providing outstanding service and your input will help us do so. Please take a moment to complete this short survey, located at <http://survey.aps.com/checkbox/Survey.aspx?surveyid=1373>. We value your business and your feedback!

--- NOTICE ---

This message is for the designated recipient only and may contain confidential, privileged or proprietary information. If you have received it in error, please notify the sender immediately and delete the original and any copy or printout. Unintended recipients are prohibited from making any other use of this e-mail. Although we have taken reasonable precautions to ensure no viruses are present in this e-mail, we accept no liability for any loss or damage arising from the use of this e-mail or attachments, or for any delay or errors or omissions in the contents which result from e-mail transmission.

(APS Ref #: [REDACTED]) On 7/26/2011 Holly Buss wrote:

TypeofService: RESIDENTIAL

Account Number: [REDACTED]

Name: Holly Buss

Phone: [REDACTED]

E-Mail: holly777@cox.net

Comments: I have a Smart Meter and have seen negative emails about these. First, does my Smart Meter encrypt information or is it accessible by a burglar who is driving around with a laptop and Wifi to see whose security alarm is on? I wonder if my privacy is being violated, as these emails suggest. Is my family subject to EMF or microwave or any other radiation from this Smart Meter?

Date-Time: 7/26/2011 6:57:38 PM

Browser Info:

IP Address: [REDACTED]

Antonio Gill

From: S St.George [lunchboxmusic@yahoo.com]
Sent: Sunday, September 11, 2011 12:49 PM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web
Subject: APS Smart Meters and Health Effects

Dear Arizona Corporation Commission:

I am writing to you to bring to your attention the health issues associated with the intended proliferation of APS Smart Meters throughout Arizona. There are countless studies indicating health risks associated with many types of EMF (Electric-Magnetic Field) emissions including those in the 900MHZ range - one recent study can be found here:

<http://www.ncbi.nlm.nih.gov/pubmed/19492235>

We have all heard of the controversy over cell phones and brain tumors, etc. and whether cell phones, WiFi, etc. are safe. Some studies seem to suggest they are safe, while other studies clearly indicate that these pose significant health risks. So the fact is the only thing we don't know for sure now is that we do not know whether EMF is safe and at what exposure levels. However, it is important to note that the use of the cell phone is VOLUNTARY - it is a choice made by the consumer to use one or not.

In the case of APS, they will be installing Smart Meters and exposing individuals to levels of EMF that have NOT been proven to be safe. This really is nothing more than a great experiment with unwilling participants.

I urge the Arizona Corporation Commission to do the right thing and make sure APS offers an "opt out" option for Smart Meters. In the 1950s people used to think that DDT was "safe" and sprayed this chemical all around their yards to control pests, only to later find out it was an unwise choice. I hope we can prevent the possibility of a similar mistake with the help of a sound and just decision made by the Arizona Corporation Commission to do the right thing and make sure APS offers an "opt out" option for Smart Meters.

Thank you very much, and I await your response.

Scott St. George

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Antonio Gill

From: G.V. Christensen [gchris36@frontiernet.net]
Sent: Thursday, September 08, 2011 2:12 PM
To: Pierce-Web
Cc: gchris36@yahoo.com
Subject: Smart Meters for electrical service

Mr Pierce,
I oppose the installation and use of the new so-called Smart Meters for private household electricity. G

Antonio Gill

From: K. Bill Williams [dewey@dakotacom.net]
Sent: Thursday, September 08, 2011 8:08 AM
To: Pierce-Web
Cc: Kennedy-Web; Stump-Web; Burns-Web; Newman-Web
Subject: Smart Meters

September 08, 2011

To the Arizona Corporation Commission

Dear Commissioners: Regarding: **Smart Meters**

Please consider the following recommendations and information below:

Recommendations:

1. Stop/suspend the deployment of smart meters by utilities companies now.
2. Review the findings of other states on smart meters and the research provided.
3. Conduct if necessary, further independent non-conflict of interest, research of possible health damage/injury to people.
4. Hold further meetings on smart meters.
5. If smart meters fall under the 1996 Telecommunication Act, the electric companies are probably not responsible for any resulting health problems that are caused. This issue needs to be determined for liability issues.
6. If smart meters do not fall under the 1996 Telecommunications Act then I would suggest that the Arizona Corporation Commission require electric companies to set aside funds (SRP will receive 56.9 million grant from the federal Recovery Act to speed up installation of smart meters) equal to the size of the grant, or as you determine, to cover possible health claims from the people of Arizona in the future.
7. Due to the possible magnitude of this issue the Arizona Corporation Commission should move slowly to insure the safety of smart meters to the health and privacy of the people of Arizona.
8. The Arizona Corporation Commission should review the overall federal government plan and the role the smart meter will play in the nation and Arizona's electric energy in the future. President Obama is intent on shutting down clean coal fired electric plants following President Clinton's shutting down the nations only major clean burning coal mines in Utah. The ultimate goal needs to be reviewed by the Arizona Corporation Commission. It could possible be to reduce the available electric energy available to America and the people of Arizona (i.e. shutting down coal fired electric plants), while dirty coal plants around the world in China and other countries that continue in operation, have no such plans. With the resulting reduction in coal fired plants only the remaining electric plants would provide power at a higher cost and with the aid of smart meters, monitor individual usage, and would be capable of controlling/reducing/stopping the amount of power available to the people of Arizona while at the same time be capable of

selling individual privacy related information to private companies/corporations for additional profit in a control grid out of the book "1984".

9. The people of Arizona should have the right to refuse the installation of smart meters without reprisals. Most people in Arizona have not and will probably not be informed, that they are being installed or already have one. The people of Arizona, for the most part, have not been informed about the health/privacy issues.
10. The Arizona Corporation Commission holds the safety, future, health, privacy, and well being of the people of Arizona in your hands.

Excerpted from Devvy Kidd's website (listed below) and article of 8/15/11 (Texas) along with other articles and websites listed at the end of this excerpt.

You might ask what is my objection to a 'smart meter'? Which one would that be? Health concerns or privacy? Both, actually. As I said I knew little about this new technology, so about 100 hours of research later and thanks to so many dedicated people fighting this, here are some of the known problems at this time:

"Those wireless meters on every home and building will emit huge pulses of microwave radio frequency radiation as often as every few seconds throughout the day and night, seven days a week. Our FCC exposure standards only cover short-term thermal (heating) effects; they do not cover long-term accumulative exposure, nor do they cover biological impacts."

"The World Health Organization has recently classified the type of radiation emitted from smart meters (non-ionizing radiation) as a Class 2B carcinogen, on par with lead."

"All transmitters inside your home or office will communicate with a Smart Meter attached to the outside of each building. That meter, in turn, will transmit at an even higher frequency to a central hub installed in local neighborhoods."

"In what are called "mesh networks," signals can also be bounced from house-meter to house-meter before reaching the final hub. So exposures will not just be from your own meter, but accumulating from possibly 100-to-500 of your neighbors' as well."

"The scientific evidence for biological impacts from microwave radiation, known for decades (remember the Moscow embassy) continues to grow with impacts such as DNA damage, increased risk of cancers and tumors, cellular stress, decreased melatonin, decreased sperm, cognitive difficulties and brain-wave alteration, heart rhythm disturbances, red blood cell clumping, and impacts on wildlife including to bees."

"Wireless radio-frequency radiation from smart meters can cause medical devices to stop working. Medical implants such as pacemakers and deep-brain stimulators used to control the shaking of Parkinson's disease can be turned off by the radio frequency interference (RFI) caused by the signal. These signals are reported in published studies to interfere with critical care equipment, ventilators, pain pumps, wireless insulin pumps and other medical devices."

"Reports from those who have had meters installed include heart palpitations, dizziness, inability to fall asleep, memory problems and cognitive disturbances, flu-like symptoms, worsening of existing health problems, abrupt depression, agitation, headaches, hearing problems."

"Radio frequency interference causing malfunctioning of medical equipment such as pacemakers and wireless insulin pumps"

"Radio-frequency spikes, causing appliances to break"

"Health effects like migraines, nausea, vomiting, muscle spasms, heart palpitations and sleeplessness caused by intense bursts of radiation."

As for privacy, do you know there are companies out there already harvesting your personal data *without oversight* if you have one of those 'smart meters'? No, it's not a conspiracy theory. As Mr. Day writes on his web site:

"That data shows when you are at home, shows when you are sleeping, shows when you are on vacation, when you have visitors, when you use a lamp, a power tool, some extra computers, and if you look like you're running a business out of your home. It even senses when you bootleg energy off the grid.

"Your smart meter shows a vivid profile of your personal living patterns and if you were home on the night of the murder.

"This is not electrical metering. This is personal surveillance. This is a search without a warrant every day. This is your personal private life going straight out through your electric meter to your power company, to your government, to the police, to the insurance company... to anyone who cuts a deal with your power company to look at your life under a microscope.

"Sorry, it's actually worse than that. People who don't cut a deal can get your information too, by simply intercepting the wireless spewing from the side of your house. Yes, smart meters are radio transmitters licensed by the FCC. On this all-news radio station, every detail of your electrical life is shooting off to some institutional data center somewhere. Already, the police in Ohio, Texas, British Columbia, and places I don't know about, are regularly using smart meter data to pinpoint marijuana grow houses, enforce business licenses, and punish people for doing things in the privacy of their own homes, that you are not supposed to do, that they would not even know that you were doing, if they were not spying on you.

"Your power company gets to sell your life story to whomever it wants. Any unusual power consumption pattern is considered probable cause to raid you for growing marijuana or running a computer server without a business license."

Think he's blowing smoke?

California PUC issues sweeping data access orders

"Many young companies have sprung up based on being able to access consumers' Smart Meter data and package it in some meaningful form. So far they've had to make their own assumptions about what data would be available, often forming alliances between hardware and software companies."

A jaw dropping violation of your privacy made possible by your utility company. Those "young companies" don't care about your privacy, they want to sell it. How shameful and isn't it nice California issues some rules *after* the cow is out of the barn?

There are billions of dollars involved with this 'smart meter' business, make no mistake about it.

Resources and additional websites/articles:

Website Devvy Kidd several articles

http://www.devvvy.com/new_site/smart-meter-081511.html

<http://www.newswithviews.com/Devvvy/kidd507.htm>

Antonio Gill

From: diane ensign [densignphotography@hotmail.com]
Sent: Thursday, September 08, 2011 12:10 AM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web
Subject: smart meters wed. Sep 7th

Please defend those of us who are opposed to the use of smart meters or any similar devices due to the health hazards they have already proven to be for many people. I myself am already electro magnetic sensitive & the more wireless technology I am exposed to is harmful to me just as it is to others. I at the very least want an opt out just as Maine & some other states are doing because the science backs up all our claims that devices of this type are detrimental to health . If you would like I could mail you an endless amount of scientific data proving how such systems as smart meters & the like interfere with the human body & also negatively effect animals, birds, bees, etc. Most Americans are unaware that smart meters & such are going to be installed without their knowledge or any understanding of how their health could be harmed by them. I realize the electric companies want to make more money but this is wrong when it is going to injure their clients without them even knowing what is happening to them. Our nation is already full of sick people & it would be a huge mistake to add more to that number. Thank you for your time & please do stand up for the health of everyone. Diane Ensign and Michael Chechel [REDACTED] Tucson, Az.85704 [REDACTED]

Antonio Gill

From: Kata Orndorff [katafor@toast.net]
Sent: Wednesday, September 07, 2011 3:32 PM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web
Subject: Docket E-00000CC-11-0328 Smart Meters

Re: Docket# E-00000CC-11-0328
Smart Meters

Dear Commissioners:

I am very concerned about the installation of smart meters in my apartment building, because of health problems I experience from the electromagnetic fields caused by WiFi. Since smart meters work by creating a field in which the meter is able to read the energy use of each apartment in essence the same kind of field as used by WiFi, my health would be harmed, and I might be made suddenly homeless.

Please at the very least establish a system in which anyone, including those living in apartments, are able to opt out of having smart meters installed on their building. This must be a system in which their electric company must in writing acknowledge that they will not install a smart meter, or any other such technology on their home or unit.

Sincerely,
Kata Orndorff


Tucson, AZ 85716

Antonio Gill

From: Elizabeth Kelley [kelley_45@msn.com]
Sent: Wednesday, September 07, 2011 3:00 PM
To: Newman-Web; Burns-Web; Kennedy-Web; Pierce-Web; Stump-Web
Subject: Submission to Docket E-00000C-11-0328 on September 8, 1022 smart meter public hearing
Attachments: Arizonans for Safer Utility Technology Infrastructure.Petition.7SEPT11.WORD03.pdf

Importance: High

Dear Comissioners, Arizona Corporation Commission

Submission to Docket #E-00000C-11-0328.

Thank you for scheduling a public hearing on the smart grid and smart meters, which we understand has been scheduled for 10 AM Thursday, September 8, 2011 at AZCC's offices in Phoenix.

Here attached is a petition we prepared, signed by over 70 Arizonans, regarding issues of concern regarding our health, safety, privacy and pocketbook related to the utility smart meters that serve as the intelligent endpoint of the national smart grid.

Many of us plan to attend this hearing and we reserve the right to testify in person at that time. We know we are representing thousands of Arizonans in signing this petition and attending this hearing.

We hope you will give this petition, our verbal comments and other submissions seriously and will and will take action to make decisions within your powers to do so accordingly.

Sincerely,

Elizabeth Kelley, MHA
Co-Coordinator, Arizonans for Safer Utility Infrastructure
Tucson, AZ

Director, Electromagnetic Safety Alliance, Inc.
www.electromagneticsafety.org

September 7, 2011

To: Commissioners, Arizona Corporation Commission

**Re: Docket E-00000C-11-0328., September 8, 2011
Public Hearing on the Smart Grid and Smart Meters**

From: Arizonans for Safer Utility Infrastructure

Petition from Arizonans for Safer Utility Technology Infrastructure

We, the undersigned, call upon the Arizona State Legislature and the Arizona Corporation Commission to take immediate action to address growing concerns by the general public about the installation of wireless smart meters on homes and businesses that are being used to transmit electricity, gas and water utilization data to the utility, whether investor owned or municipally owned and operated. We are also concerned about the increasing proliferation of wireless communications antenna arrays that support wireless broadband communications technologies in the state of Arizona. We call for open, public hearings so that our concerns can be heard and discussed in a public forum and decisions can be made that serve the public interest.

On May 31, 2011, the WHO/International Agency for Research on Cancer (IARC) 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. This follows on the classification of extremely low frequency electromagnetic fields in 2002 by the WHO/International Agency for Research on Cancer (IARC) as being possibly carcinogenic to humans (Group 2B) based on a link between childhood leukemia and power lines. These determinations change the debate from "whether artificial electromagnetic fields are safe", to "What can we do to make EMF emitting technologies safer?"

People across the country and worldwide are reporting problems caused by the mandatory siting of wireless smart meters and other wireless antennas near their homes, schools and workplaces. The common concerns being raised about wireless smart meters are personal health, privacy, erroneous bills, rate hikes, cyber security, and fire and, job loss for manual meter readers. We are particularly concerned about the potential for adverse health effects related to chronic, involuntary exposure to electromagnetic radiation. We understand there is no public oversight by the federal or state government to assure the public is protected from harm and that local control over siting and management of wireless antennas has been preempted by the Federal Communications Commission.

We are concerned about protecting the environment and conserving natural resources but do not agree with the marketing message that smart meters will result in increased energy conservation nor that they will create a more sustainable world with more reliance on renewable energy sources. In fact, some projections indicate increased energy demand to support more and more wireless transmitters. For some people, certain models of wired smart meters may be workable. For others, total opt out (meaning no electric utilities) is the only choice. We request there be a public dialogue about changes in utility metering that take into account the issues we raise aimed at finding solutions that work for all.

Meanwhile, we advocate use of safer meters or continuation of existing meters. We do not believe that use of wireless signals to transmit utility data from the subscriber location to the utility offers a "greener" solution than use of use of wired smart meters that use phone lines, and fiber optic cables. Use of existing meters or new wired metering options, with the exception of use of power lines for transmission which some experts object to for power quality reasons, offer a safer, more reliable solution that is less vulnerable to privacy or cyber security breaches.

We recommend you consider taking the following action steps to protect the health, welfare and privacy of those who live and work in the state from exposure to electromagnetic radiation, particularly children, pregnant women, the unborn and persons with damaged immune systems, electromagnetic hypersensitivity, surgically implanted metal devices or other functional impairments that make them particularly at risk to electromagnetic radiation exposure:

Therefore, we urge the Arizona State Legislature and the Arizona Corporation Commission to consider the following recommendations:

1. Impose a moratorium on new smart meter installations in order to review the potential health risks of smart meters, other issues like privacy, erroneous bills and cyber security, and hold public hearings to permit state residents the opportunity to present their concerns in public forum. Explore alternative means of transmitting data, including the use of utility meters that can be read on site, transmit data through wires or, function as wired pre-paid meters.
2. We ask the Arizona State Legislature to direct the State Department of Health to conduct a health and safety review of the current wireless communications infrastructure to ensure FCC safety limits are not being exceeded and to predict how much radio frequency radiation emissions would be added to the infrastructure through installation of the emerging 4th generation broadband infrastructure and more proprietary antennas dedicated to smart meter data transmissions.
3. We ask that the Arizona State Legislature undertake a review of the developing smart grid infrastructure by all utilities in the state, both public and investor owned to obtain full disclosure of the EMF emissions of smart meter devices and transmitting antennas; a review of wired alternatives to wireless communications for smart meter data transmission, e.g. some utility companies are selecting a fixed wired systems for data transmission; and, a review of how utility companies are responding to concerns about potential adverse health effects and privacy.
4. Request that State Attorney General undertake an investigation of the utility companies that would include a subpoena of all records related to consumer complaints, especially actual or anticipated health problems related to smart meters, including phone conversations, correspondence, and contacts with customers, including site visits; and, related issues, such as cost effectiveness, right-to-privacy, accurate billing and, ensure full public disclosure of the goals set by the purveyors of smart meter technologies.
5. Require electrical, gas and water utilities in the state, that have already selected smart meters for data transmission, to adopt an "opt out" policy alternative for any customer as a matter of right.
6. Request that the existing analog meters not be disposed of by each utility and that they be securely stored by the utility company until this matter is satisfactorily resolved.
7. Ask the U.S. Congress to repeal section 704 of the Federal Telecommunications Act of 1996 to restore state control over antenna siting and management, and repeal other provisions that establish the

FCC human exposure guidelines as the "law of the land" until these guidelines are subjected to an independent scientific review and, that give liability protection to manufacturers and service providers.

8. Ask the U.S. Congress to enact legislation to authorize a sustained federally sponsored, independent EMF research program that is interdisciplinary, draws upon the expert resources in the federal public health agencies and the federal agencies who manage applications of the EMF spectrum and require the National Institute of Environmental Health Sciences to accelerate the completion of its toxicological review of radiofrequency radiation science to determine whether it is an environmental toxin. A potential source of funding for such a program could be the Universal Service Fund maintained by the Federal Communications Commission.

9. Ask U.S. President Obama to balance his promotion of a national wireless broadband infrastructure with an independent and comprehensive review of the scientific evidence that shows there may be serious and irreversible damage to human health and the environment due to technological innovations that use electromagnetic radiation.

10. Ask U.S. President Obama to ensure that the wireless communications standards currently under development by the U.S. National Standards and Technology Administration to support Smart Grid Wireless Broadband requirements undergo transparent consideration by the experts in the federal public health agencies and by the general public prior to implementation and take into account recommendations by the National Academy of Sciences 2008 report, *Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communication* http://www.nap.edu/catalog.php?record_id=12036.

Signed:

Yvette Arata, Tucson AZ

Robert Arthur, Sun City, AZ

Lena Baker, Tucson, AZ

Ariel Barfield, PhD., Tucson, AZ

Michael Barfield, Tucson, AZ

Susan L. Benson, Tucson, AZ

Leon Byerley, Tucson, AZ

Roberta Carichner, Tucson, AZ

Michael Chechel, Tucson, AZ

Greg Conrad, Snowflake, AZ

Allan Davis, Prescott, AZ

Eileen Davis, Prescott, AZ

Elaine Day, Tucson, AZ

Larry Day, Tucson, AZ

Gayle Ebersole, Phoenix, AZ

Diane Ensign, Tucson, AZ

Howard Gardner, Oro Valley, AZ

Marjean Gardner, Oro Valley, AZ

Patricia Gilmore, Sun City, AZ

Dawn Grenier, Snowflake AZ

Gordon Griffo, Snowflake, AZ

Linda Heaney, Tucson, AZ

Kim Hemmerlin, Apache Junction, AZ

Michael Hendricks, Prescott, AZ

Dorothy Holosek, Snowflake, AZ

Melinda Honn, Snowflake, AZ

Gabriele Renaud Hungate, Tucson AZ

Steen Hviid, Snowflake, AZ

Valerie Kappas, Mesa, AZ

Elizabeth Kelley, Tucson, AZ

Melinda Kinard, Tucson, AZ

Lee Klopfenstein, Dolan Springs, AZ

Kristine Kopp, Prescott, AZ

Jean Lasher, Prescott, AZ

Susan MacKay, Snowflake, AZ

Crista Malick, Tucson, AZ

Natalie Jean Marion, Tucson AZ

Misha Metzler, Snowflake. AZ

Susan Molloy, MA, Snowflake, AZ

Kathleen Oehme, Tucson, AZ

Kata Orndorft, Tucson, AZ

Janell Pierre, Casa Grande, AZ

George Post, Phoenix, AZ

Judy Rath, Tucson, AZ

Stan Rath, Tucson AZ

Susan Renaud, Tucson AZ

Madeline Rivera, Tucson, AZ

David Roberts, Gold Canyon, AZ

Dawn Roberts, Gold Canyon, AZ

Steve Ross, Tucson, AZ

Juleen Ross, Tucson, AZ

Loni Rosser, Mesa AZ

Bruce Rundlett, Oracle, AZ

Doris Siefker, Scottsdale, AZ

Alan L. Simms, Tucson, AZ

Stephanie Smith, Snowflake, AZ

Robert Snyder, Tucson AZ

Ward Stalnaker, Snowflake, AZ

Alexandra Steed, Marana, AZ

Catherine Sumners, Snowflake, AZ

Dianne Timbers, Tucson, AZ

Alison Van Gorp, Hereford, AZ

Elantra Vedenetra, Prescott, AZ

Michelle Wallach, Tucson, AZ

Ron Wallach, Tucson, AZ

Miriam Weber, NMD, L.A.C, Tucson, AZ

Janet Weir, Fort Huachacua, AZ

Natasha Winnick, Tucson AZ

Sheila Winter, Prescott Valley, AZ

For more information, go to www.electromagneticsafety.org.

Antonio Gill

From: Dmz Zim [donmilzim@yahoo.com]
Sent: Wednesday, September 07, 2011 1:14 PM
To: Pierce-Web
Subject: APS rate increase

We strongly urge the Arizona Corporation Commission to NOT grant a rate increase to APS or any other Arizona electric company. We also strongly urge the Commission to find out more about the Smart Meters that are being installed without the consent of APS customers. APS customers were given no prior information on what these Smart Meters are capable of collecting, health issues, invasion of privacy, etc. We also strongly feel these meters should be stopped from being installed with any Arizona electric company until they ALL explain what steps are being taken to protect us from the effects of these meters on our health, our privacy, increased costs on our monthly statements and extra charges added to our electric bills each month without prior explanation.

Donald & Mildred Zimmerman
Paulden, AZ

Antonio Gill

From: Karen Mackean [mackeank@yahoo.com]
Sent: Wednesday, September 07, 2011 9:50 AM
To: Pierce-Web; Burns-Web
Subject: Smart Meters Hearing

ARIZONA CORPORATION COMMISSION

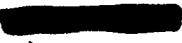
Subject: Smart Meters hearing

Dear Mr. Pearce and Ms Burns,

I'm forwarding a letter Jim Staffnik EdD, sent to you on September 6th. I feel it's important attention be brought to the AZCC on this matter of Smart Meter installation on our homes without our consent or knowledge. Many individuals including myself in the White Mountains area are concerned with the recent installation by Navopache Electric of so-called Smart Meters. Concerns include but are not limited to installation without informed consent, potential health risks, privacy, interference with existing wireless internet services, potential for monitoring household activities by proxy, and so on. It has come to my attention that a special hearing is to be held on the matter (**Special Hearing on these meters on September 8, 10:00 am**, Arizona Corporation Commission, Main Hearing Room, 1200 W. Washington. Public comments will be taken.) although I can find no official reference on the Corporation Commission website. If no hearings are presently scheduled, I urge you to do so. Speaking for myself, I oppose the installation of smart meters especially without my written consent, and I believe that as a property owner the utility should comply with my wish to have the Smart Meter removed. Is a hearing scheduled? How can I contribute to the public comments if I am not able to attend the meeting personally? Any information on upcoming hearings about Smart Meters would be appreciated.

Sincerely,

Karen M. MacKean
Navajo County Committee, Chairman


www.navajocountyrepublicans.com

Antonio Gill

From: John and Mary Ann Baunoch [thebaunochs@gmail.com]
Sent: Wednesday, September 07, 2011 9:48 AM
To: Pierce-Web; Burns-Web; Stump-Web; Newman-Web; Kennedy-Web
Subject: Smart Meters

We just found out about this morning's hearing so we will not be able to attend. However we would like to give you our opinion. We feel each homeowner should have the choice of whether or not to have a smart meter installed on their residence. We now have one but were not told whether or not we had a choice, just that they were putting a new meter on our house and the power would go out for a few minutes. Now we find they may not be stable or safe. All future installations should be preceded by information as to the homeowner's rights. And those of us who already have them should be given similar information and the option of having them removed.

Thank you,
John and Mary Ann Baunoch

Antonio Gill

From: Vicki Gray [Vicki.Gray@co.yavapai.az.us]
Sent: Wednesday, September 07, 2011 8:25 AM
To: Burns-Web; Kelly Aceto; Karen Fann (kfann@azleg.gov) (kfann@azleg.gov); atobin@azleg.gov
Cc: Newman-Web; Pierce-Web; Stump-Web; Kennedy-Web; 'Cc:': KFann@azleg.gov; atobin@azleg.gov; RAdams@sedonaaz.gov; MDinunzio@SedonaAZ.gov; chamilton@sedonaaz.gov; blitrell@sedonaaz.gov; dmcilroy@sedonaaz.gov; drayner@sedonaaz.gov; mward@sedonaaz.gov; Chip Davis; Chris Moran; DeShannan Young; Carol Springer; Barbara Fox-Thomas; Thomas Thurman
Subject: RE: Smart Commissioners Needed

APS needs to do a better job of educating and informing the community and the Commission needs to hold them responsible. If indeed these are safe, secure and not an invasion on some one's privacy then why are they not giving us that information. It seems to me that for the sake of the PURPA Standards of 2005 and the tax credits they receive not to mention grant money (stimulus) even if they have to come up with matching funds; that they are foregoing the health and safety of the public. Technology and conserving energy is not always in the public's best interest and we are all public no matter our job title and where we work. We need answers and I am glad that Commissioner Burns and the other Commissioners agreed to the open meeting. Thank you for that Commissioners. We will see what happens.

Victoria Gray, Administrative Assistant II
Yavapai County Board of Supervisors, Dist II
1015 Fair Street
Prescott, AZ 86305
web.bos.district2@co.yavapai.az.us
(928) 771-3393

Life is ten percent what you make it and ninety percent how you take it.

From: Nancy Baer [mailto:redrockclass@msn.com]
Sent: Tuesday, September 06, 2011 5:25 PM
To: 'Burns-Web'
Cc: newman-web@azcc.gov; pierce-web@azcc.gov; stump-web@azcc.gov; kennedy-web@azcc.gov; 'Cc:': KFann@azleg.gov; atobin@azleg.gov; web.bos.district1; web.bos.district2; web.bos.district3; RAdams@sedonaaz.gov; MDinunzio@SedonaAZ.gov; chamilton@sedonaaz.gov; blitrell@sedonaaz.gov; dmcilroy@sedonaaz.gov; drayner@sedonaaz.gov; mward@sedonaaz.gov; Vicki Gray
Subject: RE: Smart Commissioners Needed

Thank you for sending me a copy of the Decision Number 69736 concerning Section 1252 of the Energy Policy Act of 2005 in response to my Notice to APS dated 08/29/11. It was very helpful in educating me about the Program in general and Section 1252 in further detail.

I took the opportunity to also read the data and information contained in the "Demand Response and Smart Metering Policy Actions Since the Energy Policy Act of 2005: A Summary for State Officials" where I read about the various states and progress, or not, in meeting policy objectives.

The Law states that time-based meters must be given to utility customers who request them. It says nothing of forcing or coercing the units on to the Companies customers. I have to wonder at the legitimacy of a utility forcing such action on privately owned property.

Furthermore, the term, "smart meter" is used generically in these Federal-related documents and there apparently is no "standard" or "criteria" or "quality control" as to the safety and efficiency of such meters. Not only are they not UL certified, but May 31, 2011, the World Health Organization placed the Non-ionizing radiation coming from Wireless smart meters (and some other wireless devices) on the Class 2-B Carcinogen List. As someone who had thyroid cancer as

a result of over-radiation for most of my adult life, I avoid all unnecessary contact with radiation of any kind, including medical tests involving radiation.

As far as driving to Phoenix for a meeting spontaneously, my medical condition prevents me from attending.

Sincerely,
Nancy Baer
245 San Patricio Drive
Sedona, AZ 86336

From: Kelly Aceto [mailto:kaceto@azcc.gov] **On Behalf Of** Burns-Web
Sent: Tuesday, September 06, 2011 3:46 PM
To: 'Nancy Baer'
Subject: RE: Smart Commissioners Needed

Dear Ms. Baer,

Thank you for your e-mail regarding smart meters. Commissioner Burns has heard from many ratepayers about their concerns surrounding smart meters. She has contacted APS, TEP and SRP with questions she has as a result of these issues being brought to her attention.

All of the commissioners have agreed to conduct a Special Open Meeting about smart meters. This meeting will take place on **Thursday, September 8, 2011 at 10:00 am**. The meeting will be held in the commission's hearing room at 1200 W. Washington, Phoenix 85007. Parking and the main entrance to the building are on the Adams Street side (just North of Washington). We hope to see you there.

Thank you,

Kelly Aceto
Executive Aide to Commissioner Brenda Burns
Arizona Corporation Commission

From: Nancy Baer [mailto:redrockclass@msn.com]
Sent: Monday, August 29, 2011 1:14 PM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web
Cc: spierce@azleg.gov; KFann@azleg.gov; atobin@azleg.gov; web.bos.district1@co.yavapai.az.us; web.bos.district2@co.yavapai.az.us; web.bos.district3@co.yavapai.az.us; RAdams@sedonaaz.gov; MDinunzio@SedonaAZ.gov; chamilton@sedonaaz.gov; blitrell@sedonaaz.gov; dmcilroy@sedonaaz.gov; drayner@sedonaaz.gov; mward@sedonaaz.gov
Subject: Smart Commissioners Needed

to ensure that electric service customers remain safe from installation of any "smart meter" or any activity monitoring device at the address of the account.

Please read the attached "Notice of No Consent to Trespass and Surveillance, Notice of Liability."

Nancy Baer
245 San Patricio Drive
Sedona, AZ 86336

This footnote confirms that this email message has

Antonio Gill

From: j staffnik [staffnik@frontiernet.net]
Sent: Tuesday, September 06, 2011 9:25 PM
To: Pierce-Web; Burns-Web
Cc: Karen Mackean; Jill Skaufel; BRENDA BARTON; Sylvia Allen; Barry Weller
Subject: Smart Meters hearing

Dear Mr. Pearce and Ms Burns,

Many individuals including myself, in the White Mountains area are concerned with the recent installation by Navopache Electric of so-called Smart Meters. Concerns include but are not limited to installation without informed consent, potential health risks, privacy, interference with existing wireless internet services, potential for monitoring household activities by proxy, and so on. It has come to my attention that a special hearing is to be held on the matter (**Special Hearing on these meters on September 8, 10:00 am**, Arizona Corporation Commission, Main Hearing Room, 1200 W. Washington. Public comments will be taken.) although I can find no official reference on the Corporation Commission website. If no hearings are presently scheduled, I urge you to do so. Speaking for myself, I oppose the installation of smart meters especially without my written consent, and I believe that as a property owner the utility should comply with my wish to have the Smart Meter removed.

Is a hearing scheduled? How can I contribute to the public comments if I am not able to attend the meeting personally? Any information on upcoming hearings about Smart Meters would be appreciated.

Thank you for your time,
Jim Staffnik EdD
2nd Vice Chair
Precinct Committeeman
Apache County Republicans

Antonio Gill

From: Susan Helms [suhelms@msn.com]
Sent: Monday, September 05, 2011 10:40 AM
To: Pierce-Web

E-Docket Docket E-000000C-11-0328

Look at the video below that has an insurance company scientist telling about the DNA chain breaks caused by low levels of Wireless smart meter type radiation and that Insurance Companies will no longer insure Health Damage from Wireless Meters, devices etc due to this and other observed problems and then maybe look in the mirror to find the source of stupidity that you search for.

<http://eon3emfblog.net/?p=382>

PG&E'S DECEPTIVE MANAGEMENT STRATEGY.

PG&E's Management Strategy was to get the 10 million Wireless Meters deployed as fast as they could without the people knowing much, if anything, about it.

Then PG&E will make huge windfall profits (none shared with customers) by firing all the meter readers and collecting huge \$ penalties from customers for reconnection service. PG&E will be able to disconnect and reconnect service remotely with the click of a mouse with the WIRELESS meters.

After installation and problems occur, PG&E will be paid to fix and solve and correct the problems, so the more problems, the more money will flow from to PG&E. And it will all be paid by customers via rate increases and all kinds of other allowances approved by the PUC.

The Attorney, Lindh, for the PUC was previously the attorney for PG&E.

The Chairman of the PUC, Peevey, was previously the President of the Utility Company.

PG&E was caught/busted/revealed prior to completion of deployment of all the 10 million WIRELESS meters.

So the current PG&E PROPAGANDA THEME is that they did a BAD JOB WITH COMMUNICATIONS.

But that is NOT true. That propaganda theme continues to cover up and disguise the REAL PROBLEMS FOR CUSTOMERS.

If PG&E communicated well from the beginning then customers would all know that:

1. The Wireless smart Meters Deployed (WMD) do NOT reduce energy usage.
2. The Wireless smart Meters Deployed (WMD) do not reduce utility bills.
3. The WMD do not facilitate renewable energy integrating into the grid.
4. The WMD jeopardize the overall effectiveness of a smart grid.
5. The WMD create security problems that WIRED smart meters do NOT.
6. The WMD create hacking opportunities for high tech home robbers.
7. The WMD create interference with other electrical and motion detector devices.
8. The WMD have started fires at homes and businesses.
9. The WMD are still suspects in the ignition of the San Bruno Fire & Explosion.
10. The WMD emit pulsed RF signal radiation 24/7 without a shut off switch. Levels of that radiation, even lower than emitted by WMD, have been observed in laboratory tests (in test tubes and the brains of lab rats) to cause CELL DAMAGE, DNA CHAIN BREAKS, BREACHES IN THE BLOOD-BRAIN BARRIER.
11. The WMD emit pulsed radiation approximately 25,000 times per day, contrary to PG&E's claims.
12. The WMD radiation will be absorbed by and pass through our children's bodies and brains without relief in our homes, even when they are sleeping.
13. The WMD will collect personal and intimate private information from our homes and PG&E Corporate Management, the same group that killed children in Hinkley California as documented in the Julia Roberts Erin Brockovich Movie, will be the caretaker of that information. PG&E Corporate Management says they won't "Accidentally" allow our information to be stolen or lost, they won't sell or sneak it to commercial organizations that desperately want it in order to know more about our intimate use to sell us things.

PG&E Corporate Management told the families in Hinkley California that the water was safe (EVEN THOUGH THEY KNEW IT WAS NOT SAFE) so the children drank it, swam in it and showered in it and then had to have operations removing organs in their bodies and suffering terrible painful paths to their deaths.

These are the same PG&E Corporate Management that are attending our city council and board of supervisor meetings and holding "Education" meetings for customers.

The PUC and the utility company in Maine are already talking about actual options to Wireless meters after only a couple months of complaints from customers while "PG&E is still "Considering it after four years." And of course PG&E is NOT including a single knowledgeable CUSTOMER in their "Considerations."

These PG&E monsters and the Chairman of the PUC, that previously was the President of the Utility Company, should be tried for crimes against nature, children and humanity and then placed in the most secure and hard-time prisons as a token of what they truly deserve.

Scientific information states that SMART METERS are not SAFE, due to the fact that they emit RF MICROWAVE RADIATION 24 hours a day, in close range, non-thermal, chronic long-term exposure. To harm a customer in their home is a criminal act. TO ignore health and safety complaints from thousands of customers is malicious, reckless endangerment, criminal, and pathological conduct. Plus, 'Smart' Meters are not UL Certified, Underwriters Laboratory Confirms smartMeters are Not Safety Tested, Raising Fire Safety Fears, in addition to Radiation poisoning.

Scientists Urge Halt of Wireless Rollout and Call for New Safety Standards

2/13/2011: Scientists who study radiofrequency radiation from wireless technologies have issued a scientific statement warning that exposures may be harming the development of children at levels now commonly found in the environment. Pregnant women are cautioned to avoid using wireless devices themselves and distance themselves from other users. The Seletun Scientific Statement has now been published in Reviews on Environmental Health (2010; 25: 307-317). The article recommends that lower limits be established for electromagnetic fields and wireless exposures, based on scientific studies reporting health impacts at much lower exposure levels. Many researchers now believe the "so-called" existing safety limits set by the FCC are dangerous, incorrect, are inadequate to protect public health because they do not consider prolonged exposure to lower emission levels that are now widespread, and chronic.

http://www.sagereports.com/smart-meter-rf/docs/Fragopoulou_et_al_2010b.pdf

We demand that smart meters be removed immediately, and banned from our homes. Beloved babies, children, seniors, families, and pets are being grossly irradiated, and assaulted, against their will 24 hours a day, poisoned, and sickened, with severe, debilitating, and irreversible health effects. We DEMAND an immediate OPT_OUT PERMANENTLY. Backed by current scientific knowledge, 100's of scientific reports conclude that the non-thermal effects of microwave radiation, especially close range, constant exposure is extremely dangerous, and no dose is safe. We can refuse to consent to a utility which endangers our health. Second hand cigarette smoke is bad; second hand radiation is worse. The installation of Radiation emitting smart meters inches from our bodies, 24 hours a day is an egregious criminal act, and is in absolute violation of the Constitution, the Geneva Convention, and an abomination of our Civil Rights. PGE's illicit propaganda is lying to the public, stating that these microwave radiation emitting meters are "safe" is an evil lie. PGE has a long history of poisoning, and killing people in their homes, and lying, and covering up, if you have not seen Erin Brochovic, rent it. PGE has declared war on millions of innocent customers, forcing 24 hour exposure to deadly radiation, against their will, with no choice. Smart meters are simply their newest weapon that they are, in their own devious words are "deploying", de·ploy verb \di-'plói\

Definition of DEPLOY

transitive verb

1

a : to extend (a military unit) especially in width

b : to place in battle formation or appropriate positions

2

: to spread out, utilize, or arrange for a deliberate purpose

This is a crime against humanity, and will be treated as a war crime.

Smart meters are not an environmental solution, they offer no benefit to the customer, block the ability to add solar panels, to return energy reserves, they raise the already inflated price of energy, create potential severe fire hazards, all while blasting our loved ones full of non-stop radiation, which is and will break DNA in our bodies, cause brain tumors, infertility, leukemia, heart irregularities, constant ringing in the ears, suppress immune function, interrupt sleep, headaches, infertility, eye problems, nausea, and cause cancers which will lead to death. In spite of thousands of complaints, PGE and CPUC are not protecting the innocent people, they are protecting the these investor-based corporations, that are only interested in one thing...money. If they kill thousands of people is of no concern, if babies die of leukemia, they could care less, there must be justice, in this country, or any country that will protect innocent people from being blasted with radiation in their homes, against their will, with no choice, and no where to escape. Shame on every person that has refused to help us. The name for someone that stands idly by while a person is being harmed is called an "accomplice to the crime". I appeal to your sense of what is decent, and humane, and please move heaven and earth to remove radiation emitting smart meters from our homes, immediately and ban the use of any and all meters that emit any form of radiation, or harmful emissions. We must have a choice, and PGE must remove any meter, and meters from any customer that is being affected by it. In these difficult economic times, billions of customers dollars have been squandered on these dangerous, and useless devices, and the cost and toll on the health and safety of millions of innocent people is at severe risk. Immediate removal of smart meters is the only answer. Thank you for your valuable time, and I trust that you will take honorable action and protect innocent people being harmed in their homes. PGT states that they are only doing what the cpuc mandated, but the CPUC stated that they mandated a smart grid, but never mandated wireless meters that emit rf microwave radiation. Smart meters pose a fire risk, in the same way that you should not be on a cell phone at a gas station, one spark, and the gas meter blows. San Bruno, which burned to the ground, causing fatalities, was fully installed with Smart meters. Bills have skyrocketed since the installation. Privacy and

safety are being invaded. Who will stop this reckless endangerment, and health threat!! If a utility wages war on innocent customers, that have paid their bills for decades, who will protect them? Who is the paying the price with their health and their wallets, the innocent customers. We demand immediate removal, and permanent opt out of rf radiation emitting smart meters, and replace the analog meters, until there is a safe, non-radiation emitting, fiber-optic based meter. Until then, PGE and the CPUC stating that Smart meters are safe because the FCC says so, is like saying it is safe to take a shower in lethal gas because Hitler said so. Strong words, are called for when a utility is exposing customers to 24 hour radiation in their home, against their wil, against serious complaints. WE DEMAND immedaite and permanent REMOVALand immediate and permanent OPT OUT OF SMART METERS.

Painful conditions endured by the families of Garcia and Jasso are identical to those suffered by Japanese victims of gamma wave radiation after nuclear explosions at Hiroshima and Nagasaki in 1945. Five decades of studies confirm that non-ionizing communications radiation in the RF/microwave spectrum has the same effect on human health as ionizing gamma wave radiation from nuclear reactions. Leading German radiation expert Dr. Heyo Eckel, an official of the German Medical Association, states, "The injuries that result from radioactive radiation are identical with the effects of electromagnetic radiation. The damages are so similar that they are hard to differentiate."¹

Understanding what happened at Likely Mountain is critical to understanding the public health threat posed by RF/microwave radiation in the United States. The families of Garcia and Jasso, plus previous lookout workers and multitudes of tourists who visited Likely Mountain for camping and sightseeing, were beamed by the same kind of high frequency radiation that blasts from tens of thousands of neighborhood cell towers and rooftop antennas erected across America for wireless communications. The city of San Francisco, with an area of only seven square miles, has over 2,500 licensed cell phone antennas positioned at 530 locations throughout the city. In practical terms, this city, like thousands of others, is being wave-nuked 24 hours a day.

The identical damage resulting from both radioactive gamma waves and high frequency microwaves involves a pathological condition in which the nuclei of irradiated human cells splinter into fragments called micronuclei. Micronuclei are a definitive pre-cursor of cancer. During the 1986 nuclear reactor disaster at Chernobyl in Russia, the ionizing radiation released was equivalent to 400 atomic bombs, with an estimated ultimate human toll of 10,000 deaths. Exposed Russians quickly developed blood cell micronuclei, leaving them at high risk for cancer.

What they wouldn't tell us

RF/microwaves from cell phones and cell tower transmitters also cause micronuclei damage in blood cells. This was reported a decade ago by Drs. Henry Lai and Narendrah Singh, biomedical researchers at the University of Washington in Seattle. Dr. Singh is famous for refining comet assay techniques used to identify DNA damage. Lai and Singh demonstrated in numerous animal studies that mobile phone radiation quickly causes DNA single and double strand breaks at levels well below the current federal "safe" exposure standards.²

The telecommunications industry knows this thanks to its own six-year, wireless technology research (WTR) study program mandated by Congress and completed in 1999. Gathering a team of over 200 doctors, scientists and experts in the field, WTR research showed that human blood exposed to cell phone radiation had a 300-percent increase in genetic damage in the form of micronuclei.³ Dr. George Carlo, a public health expert who coordinated the WTR studies, confirms that exposure to communications radiation from wireless technology is "potentially the biggest health insult" this nation has ever seen. Dr. Carlo believes RF/microwave radiation is a greater threat than cigarette smoking and asbestos. In 2000, European communications giant T-Mobile commissioned the German ECOLOG Institute to review all available scientific evidence in regard to health risks for wireless telecommunications. ECOLOG found over 220 peer-reviewed, published papers documenting the cancer-initiating and cancer-promoting effects of the high frequency radiation employed by wireless technology.⁴ Many corroborating studies have been published since.

By 2004, 12 research groups from seven European countries cooperating in the REFLEX study project confirmed that microwaves from wireless communications devices cause significant single and double strand DNA breaks in both human and animal cells under laboratory conditions.⁵ In 2005, a Chinese medical study confirmed statistically significant DNA damage from pulsed microwaves at cell phone levels.⁶ That same year, University of Chicago researchers described how pulsed communications microwaves alter gene expression in human cells at non-thermal exposure levels.⁷

Because gamma waves and RF/microwave radiation are identically carcinogenic and genotoxic to the cellular roots of life, the safe dose of either kind of radiation is zero. No study has proven that any level of exposure from cell-damaging radiation is safe for humans. Dr. Carlo confirms that cell damage is not dose dependant because any exposure level, no matter how small, can trigger damage response by cell mechanisms.⁸

Officials at the U.S. Food and Drug Administration and the National Institutes of Health closely reviewed the damning results of WTR studies, which also revealed microwave damage to the blood brain barrier. But these officials have chosen to downplay, obfuscate and even deny the irrepressible science of the day. Raking in \$billions from selling spectrum licenses, the feds have allowed the telecom industry to unleash demonstrably dangerous technology which induces millions of people to become brain-intimate with improperly tested wireless devices⁹ and which saturates the nation with carcinogenic waves to service those devices. Dr. Carlo says that even the American Cancer Society is in bed with the communications industry, which infuses the Society with substantial contributions.¹⁰

Two ways to die

Medical science illustrates that there are two ways to die from radiation poisoning: Fast burn and slow burn. Nuclear flash-burned Japanese had parts of their flesh melt off before they died in agony within hours or days. People have also quickly died after walking through powerful radar beams, which can microwave-cook internal organs within seconds of exposure.

Slow-burn radiation mechanisms are cumulative, progressive, ongoing and continual. Thousands of Japanese nuke bomb victims died painfully years after exposure. The slow burn process of RF/microwave exposure is manifested by cancer clusters commonly found in communities irradiated by cell tower transmitters. Recent Swedish epidemiological studies confirm that, after 2,000 hours of cellular phone exposure, or a latency period of about 10 years, brain cancer risk rises by 240 percent.¹¹

Communications antennas now blast the human habitat with many different electromagnetic frequencies simultaneously. Human DNA hears this energetic cacophony loud and clear, reacting like the human ear would to high volume country music, R&B plus rock and roll screaming from the same speaker. Irradiated cells struggle to protect themselves against this destructive dissonance by hardening their membranes. They cease to receive nourishment, stop releasing toxins, die prematurely and spill micronuclei fragments into a sort of "tumor bank account." This is precisely how microwave radiation prematurely ages living tissues.

David O. Carpenter: Report on CCST Review of Health Effects of Smart Meters

<https://www.schoolmoldhelp.org/content/view/2145/65/>

Dr. David O. Carpenter, expert in public health and wireless technologies, reports negatively on the review of the California Council for Science and Technology's "Health Impacts of Radiofrequency from Smart Meters". Dr. Carpenter provides his expert opinion, "This document is not an accurate description of the state of the science on the issue of radiofrequency fields, and is full of inaccuracies", further noting it "is obvious that no persons with medical or biological expertise participated in this report." Dr. Carpenter's expert comments on the extensive dangers of smart meters are backed up with his specific concerns about the CCST report, with scientific realities and facts apparently not taken into consideration by the CCST. This confirms SMH comments on the CCST report. (SMH)

Click here to read the original, signed report by Dr. Carpenter as a pdf.

Institute for Health and the Environment
and Department of Environmental Health Sciences
School of Public Health
University at Albany, State University of New York

This is a report on the review of the California Council on Science and Technology document, "Health Impacts of Radiofrequency from Smart Meters". I am a public health physician and former Dean of the School of Public Health at the University at Albany. I have been involved in review and analysis of studies on electromagnetic fields, including radiofrequency fields, for many years. I served as the Executive Secretary to the New York State Powerlines Project in the 1980s, and have published several reviews on the subject and have edited two books. In addition I was invited to present to the recent President's Cancer Panel on the subject of powerline and radiofrequency fields and cancer.

This document is not an accurate description of the state of the science on the issue of radiofrequency fields, and is full of inaccuracies. My specific concerns are as follows:

1. The benefit of the smart meters is entirely to the utilities, and is economic in nature. If they install smart meters they can fire those individuals who at present are employed to go around reading meters. Thus this is a job-killing proposal, and will increase unemployment in a state that already has too much.
2. When a smart meter is installed residents have no choice in the matter nor ability to avoid exposure. But every individual has the option to use or not use other personal wireless devices, until more is known about health consequences of chronic RF exposure. There is a major difference between an exposure which an individual chooses to accept and one that is forced on individuals who can do nothing about it.
3. The statement "The potential for behavioral disruption from increase body tissue temperatures is the only biological health impact that has been consistently demonstrated and scientifically proven to result from absorbing RF within the band of the electromagnetic spectrum that smart meters use" is totally wrong. In the first place there are many adverse health effects other than "behavioral disruption" demonstrated as a result of tissue heating. The evidence for increased risk of brain tumors, acoustic neuromas and parotid gland tumors in individuals who have used a cell phone for 10 years or more is consistent, and the tumors occur only on the side of the head where the phone is used. There is also strong and consistent evidence for increased risk of leukemia in individuals who live near to high power AM radio transmission towers, even though this report characterizes such exposures as being "quite low" and show in Figure 7 that they are lower than the RF fields from smart meters.
4. The statement "The scientific consensus is that body temperatures must increase at least 1°C to lead to potential biological impacts from the heat" is totally wrong, and makes it obvious that no persons with medical or biological expertise participated in this report. Every enzyme system in the body is exquisitely sensitive to temperature, and

increases activity by even a fraction of a degree increase in temperature. In fact all RF generates heat, and what is defined as "nonthermal" is only a function of our ability to measure the temperature increase.

5. The statement "While concerns of brain cancer associated with mobile phone usage persist, there is currently no definitive evidence linking cell phone usage with increased incidence of cancer" is incorrect. The evidence is strong and consistent among studies looking at long-term and intensive use of cell phones. The AM radio studies mentioned above are also relevant, particularly because like smart phones radio transmission towers give whole body radiation, not just to the head.

6. The statement "There currently is no conclusive scientific evidence pointing to a non-thermal cause-and-effect between human exposure to RF emissions and negative health impacts is inaccurate, and depends totally on what one defines as "conclusive". In biology and medicine there is nothing that is 100% proven. We rely on statistical significance and weight of evidence when drawing conclusions about health effects. When one uses these definitions there is conclusive scientific evidence for adverse health effects in humans.

7. The evidence for adverse effects of radiofrequency radiation is currently strong and grows stronger with each new study.

Antonio Gill

From: Adele Sands [ladysands555@hotmail.com]
Sent: Saturday, September 03, 2011 10:03 PM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web; spierce@azleg.gov; kfann@azleg.gov; atobin@azleg.gov
Cc: Rob Adams; mdinunzio@sedonaaz.gov; chamilton@sedonaaz.gov; blitrell@sedonaaz.gov; dmcilroy@sedonaaz.gov; drayner@sedonaaz.gov; mward@sedonaaz.gov
Subject: saying NO to "Smart" Meters in Sedona

To Whom it May Concern:

The following is my No Consent letter that I recently sent to APS via their website:

This email is our NO CONSENT letter regarding the Smart Meter. Due to many concerns such as power surges, dangerous radiation, and the possible increase in utility costs, we DO NOT want this meter installed on our house. Smart Meters emit radio frequency radiation (RF) waves. The World Health Organization has recently classified the type of radiation emitted from smart meters (non-ionizing radiation) as a Class 2B carcinogen, on par with lead and DDT. We are posting a sign on our existing meter saying that you MAY NOT install the Smart Meter on our house or property.

I have since learned of fires linked to the meters, that homeowners have suffered many ill health effects after smart meters were installed, that data is being collected by them which invades our privacy, and that they can be easily hacked.

I feel we need an easy way to opt out of the installation of these dangerous and unwanted meters in Sedona. I wonder if my letter to APS is enough to prevent this meter being installed on my house? We intend to protect our rights, and our health.

thank you,
Adele Sands


Sedona AZ 86336

Antonio Gill

From: diane ensign [densignphotography@hotmail.com]
Sent: Thursday, September 08, 2011 12:10 AM
To: Newman-Web; Burns-Web; Pierce-Web; Stump-Web; Kennedy-Web
Subject: smart meters wed. Sep 7th

Please defend those of us who are opposed to the use of smart meters or any similar devices due to the health hazards they have already proven to be for many people. I myself am already electro magnetic sensitive & the more wireless technology I am exposed to is harmful to me just as it is to others. I at the very least want an opt out just as Maine & some other states are doing because the science backs up all our claims that devices of this type are detrimental to health . If you would like I could mail you an endless amount of scientific data proving how such systems as smart meters & the like interfere with the human body & also negatively effect animals, birds, bees, etc. Most Americans are unaware that smart meters & such are going to be installed without their knowledge or any understanding of how their health could be harmed by them. I realize the electric companies want to make more money but this is wrong when it is going to injure their clients without them even knowing what is happening to them. Our nation is already full of sick people & it would be a huge mistake to add more to that number. Thank you for your time & please do stand up for the health of everyone. Diane Ensign and Michael Chechel [REDACTED] Tucson, Az.85704 [REDACTED]