IMPORTANT INFORMATION ON SO-CALLED “SMART” METERS

They can fail:

**COSTLY U.S. POWER GRID TESTS APPROVED WITHOUT PUBLIC CONSENT: COSTS & CONSEQUENCES**

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[**http://newswithviews.com/Peterson/rosalindA.htm**](http://newswithviews.com/Peterson/rosalindA.htm)

On June 27, 2011, CBS News reported: “…A yearlong experiment with America's electric grid could mess up traffic lights, security systems and some computers and make plug-in clocks and appliances like programmable coffeemakers run up to 20 minutes fast...” [1]   CBS News also reported that:  “…Tom O'Brian, who heads the time and frequency division at the National Institute of Standards and Technology, expects widespread (unspecified) effects...” [1].

The CBS report did not specify who approved this test.  This test will begin without public consent, substantial public notice or public debate in mid-July 2011 [1].  This test could disrupt so many businesses, state and local governments, and other government agencies, that it could quickly become a National Security nightmare and a massive public headache.

"A lot of people are going to have things break and they're not going to know why," said Demetrios Matsakis, head of the time service department at the U.S. Naval Observatory, one of two official timekeeping agencies in the federal government…This will be an interesting experiment to see how dependent our timekeeping is on the power grid, Matsakis said. [1-2].

According to CBS News, “…The North American Electric Reliability Corporation (NERC), runs the nation's interlocking web of transmission lines and power plants and they will be conducting the tests…” [1, 3].  Will this company be liable for appliance replacement and other costs associated with these tests?

The disruptions from these tests may have the following consequences according to various news reports:

1)         CBS News Reports:  “…The group that oversees the U.S. power grid (NERC), is proposing an experiment that would allow more frequency variation than it does now without (time) corrections, according to a company presentation obtained by The Associated Press... "Is anyone using the grid to keep track of time?...McClelland said. "Let's see if anyone complains if we eliminate it.” …No one is sure what will be affected…” [1]  This appears to be an experiment to permanently eliminate time corrections.

2)         CBS News:  “…A June 14 company presentation spelled out the potential effects of the change:  East Coast clocks may run as much as 20 minutes fast over a year, but West Coast clocks are only likely to be off by 8 minutes. In Texas, it's only an expected speedup of 2 minutes. Some parts of the grid, like in the East, tend to run faster than others. Errors add up. If the grid averages just over 60 cycles a second, clocks that rely on the grid will gain 14 seconds per day, according to the company's presentation…”[1]  This could mean that your clocks and other appliances plugged into the electricity grid,  will no longer be accurate while the tests are being conducted for at least one year.

3)         Time Disruptions - How will people who don't have Internet or Cell Phone access be able to get the correct time since telephone companies don't offer this service anymore?  This company presumes to believe that everyone has access to the Internet and will have instant correct time…this is not the case.

4)         Appliances, cooking timers, SMART Meters, clocks, and other items that are time sensitive could be disrupted or completely fail.

5)         The article does not address problems that may occur in hospitals, during surgeries, when using time sensitive equipment.  This type of equipment may be highly sensitive to time variations.  Other industries and businesses may also have problems and may have to make many costly adjustments.  Who will pay these costs?

6)         CBS News:  “…Spokeswoman Kimberly Mielcarek said the company is still discussing the test and gauging reactions to its proposal, and may delay the experiment a bit…” [1]  This company has no idea what problems these tests will have on the public and our electric grid.  It is just an experiment and they are taking no financial responsibility for the consequences if these tests have negative, unknown consequences.

7)         These tests are to last one year.  This seems like a long time to conduct these tests.  This company should be able to conduct small tests over limited areas in order to perform the same type of testing.   And this should be heavily reviewed and studied in advance of any testing.

8)         If the federal government provides the time, via telephone, the location and number were not noted in the CBS article.

The public should not have to rely on leaving our computers and cell phones, using extra electricity, just to make sure that we have the correct time.  And we have no idea if our computers and other gadgets will work while these tests are being conducted.

If our appliances and other equipment break because of these grid experiments who is going to pay our costs?    If these tests cost local, city, and county governments money to respond to problems associated with these tests, who pay the costs of fixing or repairing them?

There needs to be congressional hearings and a public debate before these tests are approved.  To be at the mercy of a private company, that has decided on a “whim”, and without any idea of the problems and consequences that their power grid tests will cause, is unthinkable at this time.

Stop the Tests, Let the Public Debate Begin, and Contact your Elected Officials and let them know that you expect that they will take action to protect the public interest.  We need a comprehensive investigation prior to any experiments being initiated.  End

1,         CBS News June 27, 2011

<http://www.cbsnews.com/stories/2011/06/27/scitech/main20074627.shtml>

2,         Precise Time-U.S. Naval Observatory      <http://www.usno.navy.mil/USNO>

The United States Naval Observatory (USNO) provides a wide range of astronomical data and products, and serves as the official source of time for the U.S. Department of Defense and a standard of time for the entire United States.

3,         The North American Reliability Electric Corporation will be conducting this test.     Website:         <http://www.nerc.com/>

4,         For more Information on the Smart Meter Rebellion and Hazards

            <http://www.agriculturedefensecoalition.org/?q=pg-and-e-smart-meter>

5,         For more Information on the Health Hazards from Energy Efficient Light Bulbs: See EPA Hazmat Warnings for Home Breakage and Disposal

            <http://www.agriculturedefensecoalition.org/?q=pg-and-e-smart-meters>

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“Smart” meters tend to make utility bills higher, “have no beneficial impact”, and have therefore been officially refused:

<http://www.w4ar.com/Attorney_General_rejects_Smart_Meters.pdf>

<http://www.w4ar.com/ATTY_GENERAL_CONN_05-10-03RE04_Brief.pdf>

<http://gigaom.com/cleantech/texas-smart-meter-backlash-spits-out-a-lawsuit/>

“Smart” meters tend to be used to disproportionate affect the unemployed and elderly in harmful ways:

<http://gigaom.com/cleantech/smart-meter-worries-crop-up-in-australia/>

“Smart” meters’ installation has caused house fires:

<http://www.wfaa.com/news/local/Fires-Spark-During-Smart-Meter-Installations-101115429.html>

“Smart” meters cause disease not only in homes where they are installed, but also where installed in other homes in a neighborhood:

<http://stopsmartmeters.org/>

Smart meters emit ~100-150 times the cumulative, full-body microwave radiation dosage of a cell phone (see charts):

<http://stopsmartmeters.org/2011/04/20/daniel-hirsch-on-ccsts-fuzzy-math/>

<http://www.w4ar.com/SAGE_Associates_FULL_Smart-Meter_Report.B-Tables.pdf>

“Smart” meters produce spikes of radiation, which are more harmful than continuous radiation:

<http://emf.mercola.com/sites/emf/archive/2011/06/18/finally-experts-admit-cellphones-are-a-carcinogen.aspx>

“Smart” meters deploy an SMPS – Switching Mode Power Supply – which steps down the alternating current from the electrical grid to 2-10 volts of direct current, emitting spikes of up to 50,000 Hz and higher, with the result of “dirty” electricity, wreaking havoc in biologic systems:

<http://eon3emfblog.net/?p=2180>

Scroll down to see photo of tree before and a month after “smart” meters are installed near it (tree is nearly dead):

<http://stopsmartmeters.org/>

The elderly have been threatened:

<http://stopsmartmeters.org/2011/02/16/pge-threatens-old-lady-with-power-shut-off-in-red-bluff/>

“Smart” meters can “spy” on a household:

<https://sites.google.com/site/nocelltowerinourneighborhood/home/wireless-smart-meter-concerns/privacy-and-security-concerns-still-unresolved>

GETTING PRACTICAL:

What to do when so-called “smart” meters are about to be installed:

<http://www.w4ar.com/Smart-Meters.html>

Some municipalities have cried “halt” to “smart” meters by means of moratoria:

<http://stopsmartmeters.org/wp-content/uploads/2011/07/SierraClubLetter1.pdf>

How to file a medical/security waiver to keep a “smart” meter from your home (see opt-out letter):

<http://refusesmartmeter.com/page13.html>

“Smart” meters violate the US Constitution’s Bill of Rights:

*U.S. Constitution 4th Amendment: It shall be the RIGHT of the people to be (SAFE &) secure in their persons, houses, papers and effects against unreasonable (WIRELESS) searches & (WIRELESS) seizures (of information), shall NOT be violated, and no warrants shall issue, but upon probable cause….* Everyone should just remove any “smart” meters and put in analog meters. They are now available on the market for $50.00.

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Inspiring accounts from people whose lives have been improved or even saved:

**For years, Marilyn Wilson had a disease with no cure. Doctors couldn't help her, but an electrician did**

[http://www.buergerw elle.de/pdf/ real2151. htm](http://www.buergerwelle.de/pdf/real2151.htm)

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 "Around this time, in a support group for women diagnosed with CFS, Wilson stumbled across what she calls "the most amazing discovery of my life." Catherine Kleiber, a Waterloo woman also diagnosed with CFS, contacted the group with news of her own miraculous recovery It was not brought about by special drugs or herbs, a unique diet, a special doctor or the healing power of prayer.

 Rather, Kleiber turned off the power to her house. She felt better right away; within days, her CFS symptoms disappeared. Now she keeps her house as de-electrifled as possible, convinced that power quality was the root of her illness - and maybe that of others like her.

 After "six years of hell," Wilson was ready to try anything. She called Dave Stetzer, an industrial electrician and consultant out of Blair, Wis., who has a long history of working with the phenomenon of "stray electricity" on farms. On Jan. 8 of this year, Stetzer came to Wilson's house, near Regent Street and Speedway Road. There he measured a low-voltage, high-frequency current flowing on her wires and throughout the house. He rigged Wilson up with a voltmeter connected to a small amp. When she touched her sink, her dimmer switches or the doorknob - anything conductive, the amp screamed.

 "My house was full of dirty electricity " she says, "and I was completing the circuit." "

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 "Now Wilson, 46, says her symptoms have receded. A disease that her doctors could not cure has undergone a remission that they cannot explain. This has made her a true believer in an issue some dismiss as kooky and others say may be the greatest hidden public health issue of our time."

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 "Wilson and Stetzer believe the cause of her illness stems from a phenomenon known to electricians and engineers as harmonics. Electricity in the U.S. normally flows at 60 cycles per second (60 Hz) in an alternating current (AC). But computers, TV s, fax machines, fluorescent lighting and various other electronic devices incorporate circuitry that converts regular 120 volt AC to a low-voltage direct current (DC). The cumulative effect of everyone turning their appliances on and off through. out the day is to overload the power grid with harmonic frequencies -popularly referred to as dirty power."

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