



## Wireless Microwave “Smart” Meters Are They Smart For You?

The wireless microwave emitting “smart” meter is the new replacement for the reliable and long-lasting analog electric, gas and water meters on homes and businesses. Unlike an analog (electro-mechanical) meter, a “smart” meter is an expensive *surveillance device that monitors your “energy consumption behavior.”* It emits biologically destructive “pulsed” microwave radiation every few seconds into your home and neighborhood and may cause cancer, damage your DNA, harm wildlife, catch fire, and damage computers and appliances. People all across the USA and the world are REFUSING so-called “smart” meters for all of these health, privacy, cost and safety problems.

### Demand a Moratorium!

#### THE RADIATION EMITTED BY “SMART” METERS IS HAZARDOUS!

**Cancer & RF Radiation.** The World Health Organization and the International Agency For Research On Cancer state that Radio Frequency (RF) electro-magnetic fields (EMF) from non-ionizing radiation-emitting devices [such as “smart” meters] are a Class 2-B CARCINOGEN (like lead & DDT), which means they may cause cancer. Documented EMF studies also show: DNA breaks, endocrine disruption, heart arrhythmia, ADD/ADHD, and more. **“Smart” meters transmit radiation every few seconds** all day long, which adds up to hundreds of times more radiation exposure—even at many feet away—than that of cell phones. Children, pregnant women, seniors, people with immune deficiencies and people with medical implants are especially at risk. Pets and plants have shown adverse reactions as well.

Upon installation of smart meters, some people experience headaches, ringing ears, dizziness, breathing problems, insomnia, nausea, cognitive problems, memory loss, muscle spasms, heart problems, and even seizures. Some have had to abandon their homes. These symptoms only began after smart meters were installed.

**Time bomb. Is there scientific proof that EMF are harmful? The majority of studies—not industry-funded—say YES! - Visit [smartmeterdangers.org](http://smartmeterdangers.org) (click research) to read dozens of unbiased studies.** At first, the dangers of smoking and asbestos were ignored. **Many illnesses, like cancer, take years to develop. Are you willing to gamble with your family’s health when you can REFUSE? “Smart” meters are a Trojan Horse of our time.**

“According to a large body of scientific literature, Radio Frequencies have deleterious medical effects on people. Babies and children will be particularly sensitive to the mutagenic and [cancer-causing] effects of the radio frequency radiation.” -Dr. Helen Caldicott

**Why does your utility assert the smart meters they are installing are safe?** In a sentence, they are protected by the very high limits the FCC has set for public exposure to radio-frequency (RF) radiation. But the FCC limits are not protecting us and many reputable organizations like the American academy of Pediatrics are urging they be updated. Did you know a child’s brain absorbs 2X the radiation of an adult, but the limits are the same? Does that make sense?

#### **WHY DO ELECTRIC BILLS INCREASE AFTER INSTALLATION OF A “SMART” METER?**

High start-up currents from motors like refrigerator compressors are averaged out by Analog meters, but “smart” meters record them. Also, bad calibration, electric arcing and malfunction can raise your bill. Some suspect the changeover to “s”- meters mask a covert rate increase.

**Time-of-Use pricing.** This is a real “cash cow” for the utilities. In the TOU pricing scheme, they will charge

more during “peak” daytime usage hours.

**Utilities say we’ll save money.** But that’s only if we use our appliances mostly at night. “Smart” meters just measure energy. Only YOU can save energy and you can do so without these expensive meters!

**“Smart” meters consume power, analog meters do not.** The added drain on power stations from the installation and operating costs of millions of “s”-meters will be charged to customers! **“Opt out” fees:** Under growing pressure, Florida utilities may agree to “opt out” fees on those who refuse. Demanding payment to avoid a risk or injury is usually called “extortion.”

**Check real-time usage online?** “S”-meters can actually identify which appliance is drawing current, but the utilities will only show you day-old, cumulative usage online, not the itemized cost of each appliance. Why go online for that? Our bills already show total usage!

**No cost/benefit studies supplied.** Florida’s Office of Public Counsel says “still waiting on the promised cost savings benefits of smart meters to be realized and shared with the customers.”

**\*\* TAKE ACTION NOW! \*\***

**For information on how to REFUSE a smart meter, visit [microwavechasm.org](http://microwavechasm.org), or email [smartmeterradiation@gmail.com](mailto:smartmeterradiation@gmail.com).**

**Another informative site: [stopsmartmeters.org](http://stopsmartmeters.org)  
Installers may be in your neighborhood already, so  
ACT QUICKLY!**

CALL and/or WRITE to your utility and notify them that you REFUSE the installation of a “smart” meter, and DEMAND to retain the analog! If you already have a smart meter, call and demand they remove it.

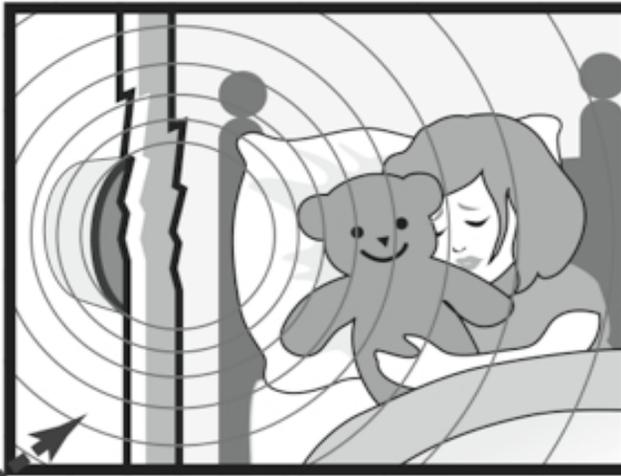
PLACE a “NO ‘Smart’ Meter Here!” sign next to your meter. Tell the utility that you insist on keeping your **analog meter. 1 (800) 397-6544 extension 24**  
Join CHASM & Demand Public Hearings on ‘S’ Meters

**C H A S M**

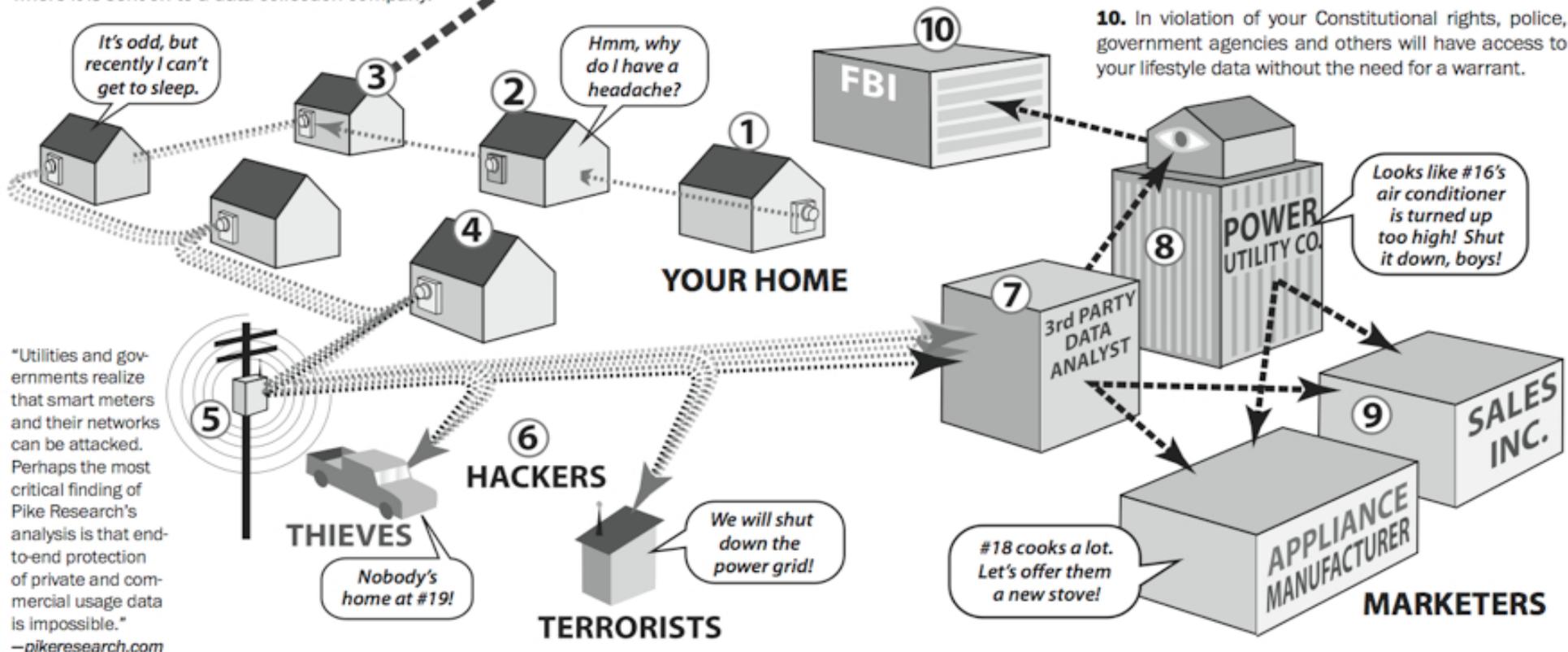
**Coalition for Health, AGAINST Smart Meters  
[microwavechasm.org](http://microwavechasm.org) (vJan22,2013)**

# 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.



"Utilities and governments realize that smart meters and their networks can be attacked. Perhaps the most critical finding of Pike Research's analysis is that end-to-end protection of private and commercial usage data is impossible."  
—pikeresearch.com

Former CIA Director James Woolsey says the smart grid's security vulnerabilities make it a "really, really stupid grid."