



## 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 NO Charge OPT-OUT!**

### 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! - Google “The Bio Initiative Report 2012” and learn more. 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?** They don’t, they state they meet FCC radio-frequency (RF) radiation exposure guidelines and therefore are safe. But the FCC limits are not protecting us and do not consider biological effects. 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?

“The FCC’s exposure guideline is considered protective of effects arising from a thermal mechanism but not from all possible mechanisms. Therefore, the generalization by many that the guidelines protect human beings from harm by any or all mechanisms is not justified.” *Norbert Hankin, EPA, 2002*

**Time-of-Use pricing.** This is a real “cash cow” for 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 you use our appliances mostly at night. “Smart” meters measure energy. Only YOU can save energy and can do so without these expensive meters!

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

**Check real-time usage online?** The FP&L Energy Dashboard shows you energy usage by hour, day, month. The information is useless in helping you manage your energy usage. Why go online for the information if you can’t use it? The Fact is – few are. FP&L reported that for all of 2013 their heavily promoted “Energy Dashboard” was only visited 1.9 million times by 4.5 million customers. More than half the people never accessed their dashboard. Collecting, managing and storing this useless data is costing us plenty!

**What’s the next phase?** They want us to have to pay for Energy Management Systems and smart appliances that will receive pricing signals from your meter and allow the utility to control the use during peak demand periods. They think we want text messages from our refrigerators!

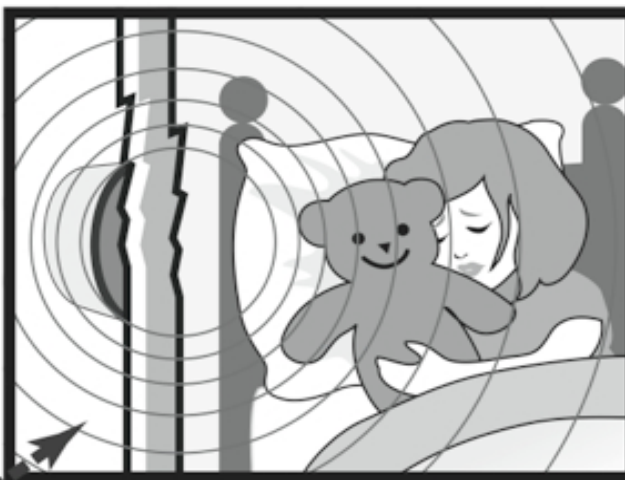
**“Opt out” fees:** 36,000 FP&L customers exercised their ownership rights by refusing to let FP&L site active wireless communication network on their homes. The Florida PSC has recently approved FP&L’s request to charge fees to those refusing to accept a smart meter. Starting in June 2014, FP&L will charge a \$95 upfront fee and \$13/month to retain the old non-smart meter. Extortion Fees! Citizens are currently fighting this action.

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

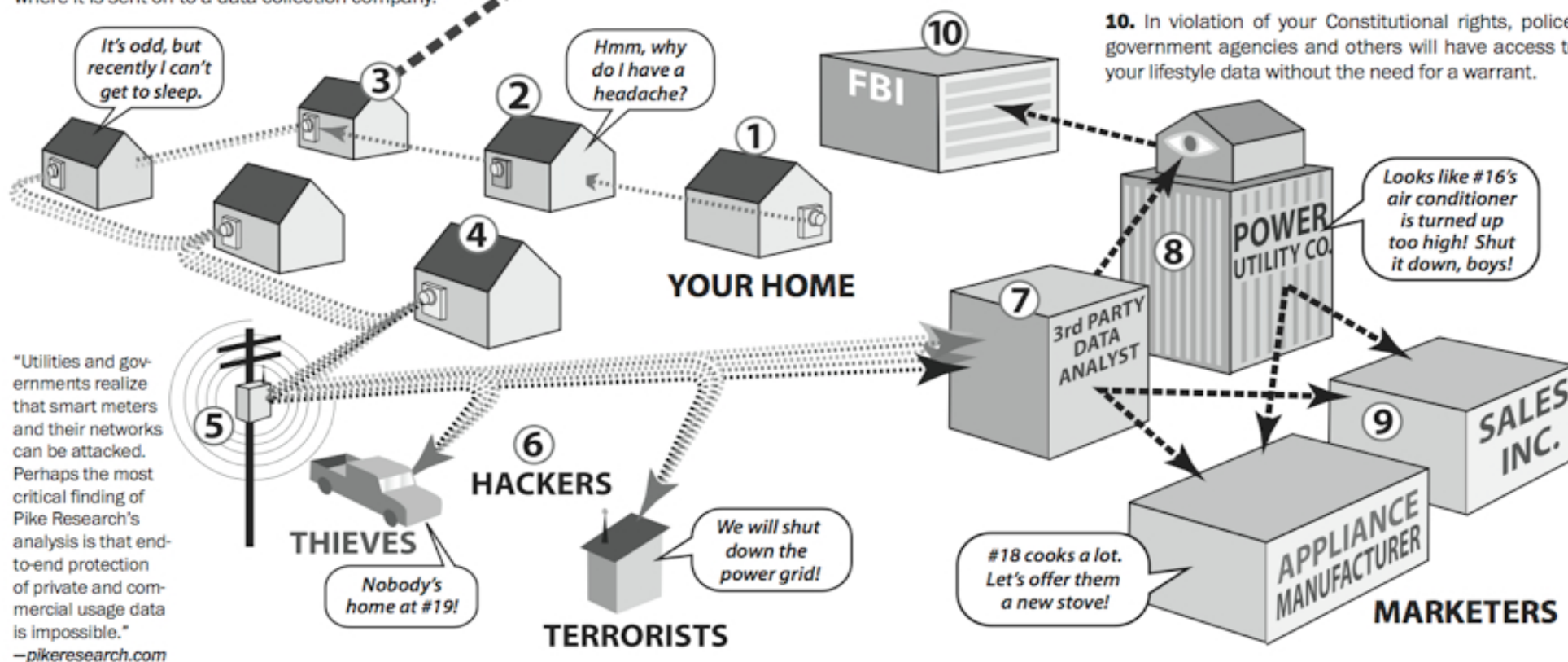
To have your smart meter removed call FP&L 1-866-252-6047. Visit [www.stopsmartmetersfl.com](http://www.stopsmartmetersfl.com) or email [info@stopsmartmetersfl.org](mailto:info@stopsmartmetersfl.org) see also [www.stopsmartmeters.org](http://www.stopsmartmeters.org) for more info. Call your State legislators – Demand a right of refusal with NO extortion fees. (vAr)

# 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."