

Why do the Utilities want to replace our reliable analog meters with "smart" meters?



- To cut labor costs by firing meter readers.

- To obtain federal grants (your tax dollars).
- To charge you more money during "peak" hours.
- To ration your usage, or remotely shut you off.
- To acquire detailed information about your home life for other corporations, police, and the NSA.

"Smart" Meters are NOT Green

The manufacturing and operation of millions of power-consuming "smart" meters and data centers to store your private info is increasing carbon and microwave pollution. No power decrease can be independently attributed to "smart" meters.

Types of "Smart" Meters:

AMI allows wireless communication between meter and the utility, and remote shut-off of appliances.

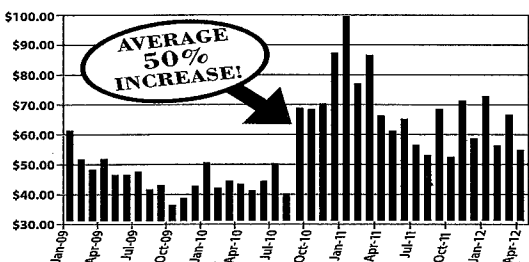
AMR or ERT are wireless meters that allow utility personnel driving by to upload your info. Includes always-transmitting 'bubble up' meters, and 'wake up' systems that transmit when signaled.

PLC aka TWACS are wired systems that transmit information through power lines. They radiate 'dirty electricity' into homes with unshielded wiring.

"Radio Off" Digital Meters can still be surveillance devices. They also cause dirty electricity and health problems. And utilities may turn the radio "on."

Bottom line: If it's electronic, it's a "smart" meter. **Insist upon a "non-electronic analog meter."** Beware of *trojan horse* meters resembling analogs that are actually activated "smart" meters. To be sure, use an RF testing device and get it in writing from the utility.

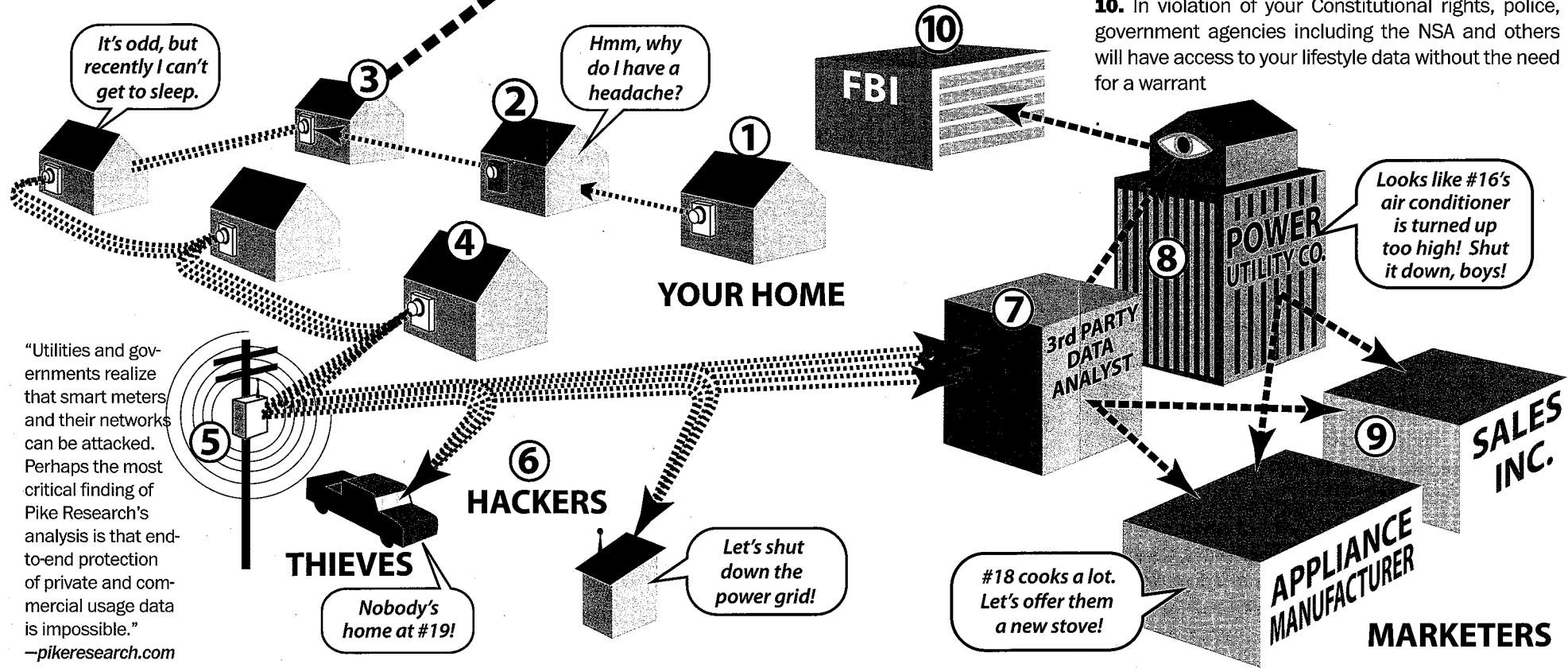
An SDG&E customer's bills show what the Utilities don't want YOU to know:



(Bills before and after "smart" meter install in Sept. 2010)

The Path of Your Privacy: How an AMI "SMART" METER MESH NETWORK really works

1. In an AMI "mesh network," usage data is transmitted from one "smart" meter and sent by wireless microwave pulses 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 wall has a "smart" meter, or who lives adjacent to banks of meters, suffers strong bursts of pulsed microwave radiation, 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 be intercepted by un-authorized parties.
7. A third-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, what TV programs you are watching, etc.
8. The subcontractor analyzes the raw data and sends it on to the utility. Utility bills can significantly rise after a "smart" meter is installed.
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 including the NSA 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."