

# Would you put a **MOBILE PHONE MAST** in your house? So say **“NO!”** to **‘Smart’ Meters!**

**IN JUST TWO MONTHS, MORE THAN 2,000 COMPLAINTS WERE MADE ABOUT SMART METERS IN CALIFORNIA.**

Some time soon, your utility provider(s) will request access to your home to install one or more ‘Smart’ Meters that will **measure** (and in future **control**) your use of gas, electricity & water. The promise is a greener environment and cost savings - the reality is the opposite. Large numbers of people have reported **debilitating health effects, privacy violations, safety + security dangers, environmental damage** and **MUCH higher bills.**

**YOU HAVE THE RIGHT TO REFUSE A ‘SMART’ METER**

## WHAT IS A ‘SMART’ METER?

‘Smart’ Meters **monitor, measure** and **communicate** customers’ **private** electricity, gas and water usage **data** to utility providers. They operate in a **wireless** ‘mesh’ network **with your neighbours’** ‘Smart’ Meters and transmit **intense bursts of non-ionising, microwave radiation, 24 hrs/day.** This **radiation** (also known as RF EMF) is the same kind emitted by mobile phone masts. **More than 5,000 studies show RF EMF radiation is harmful to humans, plants and animals.**



**“We have evidence that exposure to RF radiation... increases the risk of cancer, increases damage to the nervous system, causes electro-sensitivity, has adverse reproductive effects and a variety of other effects on different organ systems. There is NO justification for the statement that ‘Smart’ Meters have no adverse health effects.”**

*Dr. David Carpenter, Director of the Institute of Health and Environment, University of Albany, New York; ex-head of the New York Department of Public Health.*

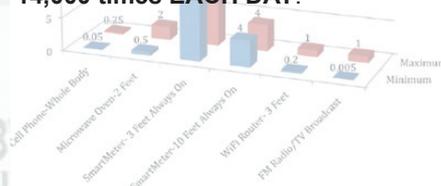
**‘SMART’ METERS VIOLATE YOUR FREEDOM TO MANAGE ELECTROMAGNETIC POLLUTION IN YOUR HOME**



**06 MAY 2011, Council of Europe Report:** “Potential dangers of EMFs and their effect on the environment” - **calls for IMMEDIATE reduction in exposure to EMFs by children.** Advocates “precautionary principle” be applied to wireless emissions to prevent public health disaster akin to **tobacco, leaded petrol** and **asbestos.**

**31 MAY 2011, World Health Organisation** categorises Radio-Frequency Electromagnetic Fields (RF EMFs) as a **CLASS 2B POSSIBLE CARCINOGEN** - the same as lead, DDT, chloroform & mercury.

As shown by Senior Nuclear Policy Lecturer at UCSC, Daniel Hirsch, **‘Smart’ Meters can expose the body to 160x to 800x times as much microwave radiation as mobile phones.** Smart Meters can emit intense pulses of radiation more than **14,000 times EACH DAY.**



**Actual symptoms reported from exposure to ‘Smart’ Meters include:**

- ⊗ INSOMNIA
- ⊗ HEADACHES
- ⊗ PALPITATIONS
- ⊗ SEIZURES
- ⊗ FATIGUE
- ⊗ ALLERGIES
- ⊗ AGITATION
- ⊗ NAUSEA
- ⊗ VOMITING
- ⊗ TINNITUS
- ⊗ DIZZINESS
- ⊗ MEMORY & CONCENTRATION IMPAIRMENT

European surveys have shown at least **1 in 20 people** are moderately or severely sensitive to RF EMF radiation, experiencing one or more of the symptoms above. **The number of sufferers is rising rapidly.**

Human, animal and cell culture studies indicate long-term **systemic health effects from radiation, including hormone disruption, DNA damage, leakage of blood-brain-barrier, sperm count reduction & damage, sleep disorders, learning difficulties, attention deficit & hyperactivity disorders, dementia and cancer including leukaemia and brain glioma (tumours).** There is concern that **pregnant women & children** are particularly vulnerable.

**“The AAEM has called for the complete removal of ‘Smart’ Meters and a return to safe analogue... due to scientific and medical studies repeatedly showing health risks from exposure to microwaves emitted from wireless devices.”**

*American Academy of Environment Medicine (AAEM), January 2011*

The ICNIRP safety standards which the UK Government and HPA continue to use fail to recognise the non-thermal, biological effects of microwave radiation. **These standards were voted OBSOLETE by the European Parliament, 506 votes to 22.**

**Please share this leaflet with others.** ‘Smart’ Meters are **NOT** widely known about amongst the general public. Downloads and info available at [www.StopSmartMeters.org.uk](http://www.StopSmartMeters.org.uk).  
(v.14/5/12)

**STOP**  
**SMART METERS!**  
[STOPSMARTMETERS.ORG.UK](http://STOPSMARTMETERS.ORG.UK)



Wireless transmissions of personal data, with information about the **devices** you use, **when** you use them and **what** you are doing with them at any given moment, will be available to energy companies and any potential hackers. **Wireless is easy to hack.**

In a wireless "Smart Grid", your **entire home** will become a **NODE ON THE INTERNET**. That means your home and device usage will suddenly become available to **hackers**, who can use the data to analyse when certain people are at home, e.g. **young children**.

In the US, this data has been sold by energy companies to 3rd parties, e.g. police, corporate marketing depts and insurance companies. 'Smart' Meters are pieces of invasive surveillance equipment within your home. **You might have nothing to hide...**

**But you stand to lose your rights to privacy and self-determination in your own home, forever.**

**YOU, YOUR DEVICE & UTILITY USAGE WILL BE CAREFULLY PROFILED AND MODELLED; 80% OF BILLS HAVE GONE UP**

A recent study in Canada found **80% of 'Smart' homes faced higher bills**, often over **50% higher**. Similar patterns have been seen in the US. The UK Government has said 'Smart' Meters will cost tax payers **£11 billion** for estimated savings of **just £25 per home/year** - and that saving only possible if **customers change** their behaviour and have **TWO** 'Smart' Meters!

'Smart' Meters will also make it far easier to **disconnect customers** remotely - a particular concern in light of the **hacking threats**, especially to **Water Meters**.



**SCIENTISTS ARE REFUTING CLAIMS 'SMART' METERS ARE 'GREEN'; IN REALITY, THEY HARM NATURE AND OUR ENVIRONMENT**

Hundreds of studies have identified significant impacts of sustained RF microwave radiation on our natural environment, including: **stress reactions** and **genetic problems in plants, trees, animals and insects, problems in migratory animals like birds and bees, birth defects in calves and fertility problems in herds**. Source: Council of Europe Report, May 2011

**Tree deaths, plant die-offs** and **bee colony collapse disorder** cases have also been reported **shortly after Smart Meter installation**.



In North America, 'Smart' Meters have been shown to **explode, cause fires**, and can **interfere with sensitive electrical devices** such as **heart pacemakers**.

In March 2012, Dr Andrew Goldsworthy's research warned that **Water** 'Smart' Meters can severely reduce water quality, leading to **increased toxicity of poisons** present in the body. This is particularly concerning for areas like **London** - electromagnetically-conditioned water flow can **strip lead from pipes**.

## NOW I KNOW, WHAT CAN I DO?

**'SMART' METERS ARE VOLUNTARY -- YOU HAVE THE RIGHT TO REFUSE A 'SMART' METER**

- Say **"NO"** to your utility provider when offered a 'Smart' Meter. Expect some opposition, but remember - **they cannot breach your withdrawal of consent**.
- **Write** to your utility provider this week stating your **denial of consent for 'Smart' Meter installation**. Example letters available on our website. Also, **join our public "Opt-Out Statement"**.
- Print out a **"Do Not Install 'Smart' Meter" Sign** (available on our website) and put it on your meter box.
- If you wish to actively monitor your own energy, you can buy an energy monitor online for around **£20**.
- **Share this info** with neighbours, friends & family - **post leaflets**, emails, **hold local meetings**, tell people.
- **Create a "Smart Meter-Free Neighbourhood"**. Your neighbours will thank you for informing them and appreciate your efforts to reduce their exposure to harmful RF EMF radiation from 'Smart' Meters.
- **Write to your MP and other public figures** stating your opposition to Smart Meters.
- **Organise a screening** of Smart Meter awareness film: **Take Back Your Power** [www.ThePowerFilm.org](http://www.ThePowerFilm.org)

**Please share this leaflet with others and help us raise awareness.** 'Smart' Meters are **NOT** widely known about amongst the general public. Downloads and info available at [www.StopSmartMeters.org.uk](http://www.StopSmartMeters.org.uk).

(v.14/5/12)

"[Smart Grid] is a really, really stupid idea" with attacks on the energy grid "entirely possible".

James Woolsey, ex-CIA Director on EnergyNow, March 2012

"... we are not the only species in jeopardy... Practically all animals and plants may be at stake."

Dr. Olle Johannson, Assoc. Prof. Dept of Neuroscience, Karolinska Institute & Prof. The Royal Institute of Technology, Sweden.



### FURTHER INFO

[www.StopSmartMeters.org.uk](http://www.StopSmartMeters.org.uk)  
[www.ThePowerFilm.org](http://www.ThePowerFilm.org)  
[StopSmartMeters.org](http://StopSmartMeters.org) (USA)  
[StopSmartMeters.com.au](http://StopSmartMeters.com.au) (Australia)  
[www.ES-UK.info](http://www.ES-UK.info)  
[www.WiredChild.org](http://www.WiredChild.org)  
[www.PowerWatch.org.uk](http://www.PowerWatch.org.uk)  
[www.RadiationResearch.org](http://www.RadiationResearch.org)

**If you set up your own Smart Meter campaign, we can feature it for you.**

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