



Eileen O'Connor

UK Radiation Research Trust

Charity Director

How to fight Smart Meters
The Power Couple EMF Webinar
8th August 2024





Eileen O'Connor

- Co-founder and Charity Director for the EM Radiation Research Trust from 2003 to date
www.radiationresearch.org
- Co-founder and Board member for the International EMF Alliance 2009 to date: www.iemfa.org
- Member of the European Commission Stakeholder Dialogue Group on EMF from 2011 – 2014
- Member of the UK Health Protection Agency, Radiation Protection Division EMF Discussion Group from 2006-2008
Chaired by the previous Health Protection Agency Chairman Sir William Stewart.
- Co-founder and Chair for (SCRAM) Seriously Concerned Residents against Masts. 2002 – 2005.





Say No to Smart Meters

SAY NO TO SMART METERS

opt out

not compulsory

your legal right to choose

**headaches
tinnitus
fatigue
cancer
anxiety
insomnia**

harmful to health

**microwaves penetrate bodies
protect the children**

can emit 14,000 microwave bursts every day

click text for links and references

www.radiationresearch.org

The central image shows a cartoon character of a smart meter with a blue body, yellow eyes, and a digital display showing "1984". It has multiple arms holding various signs. The background is a brick wall with a blue sky. At the bottom right, there is a 3D rendering of a human brain with red and green areas highlighted.





Is a UK smart meter compulsory?

- No, the government requires that smart meters are offered by energy suppliers to all small businesses and homes, but smart meters are not a legal requirement.
- Therefore, it's not compulsory to have a smart meter installed, and whether you accept one is completely up to you.
- Energy suppliers should abide by the Government recommendations allowing customers the right to opt out of accepting a smart meter in favour of an analog meter and without penalty.





December 2011 - The Radiation Research Trust (RRT) hand delivered a copy of the Smart Meter's, Smarter Practices report directly to Number 10 Downing Street

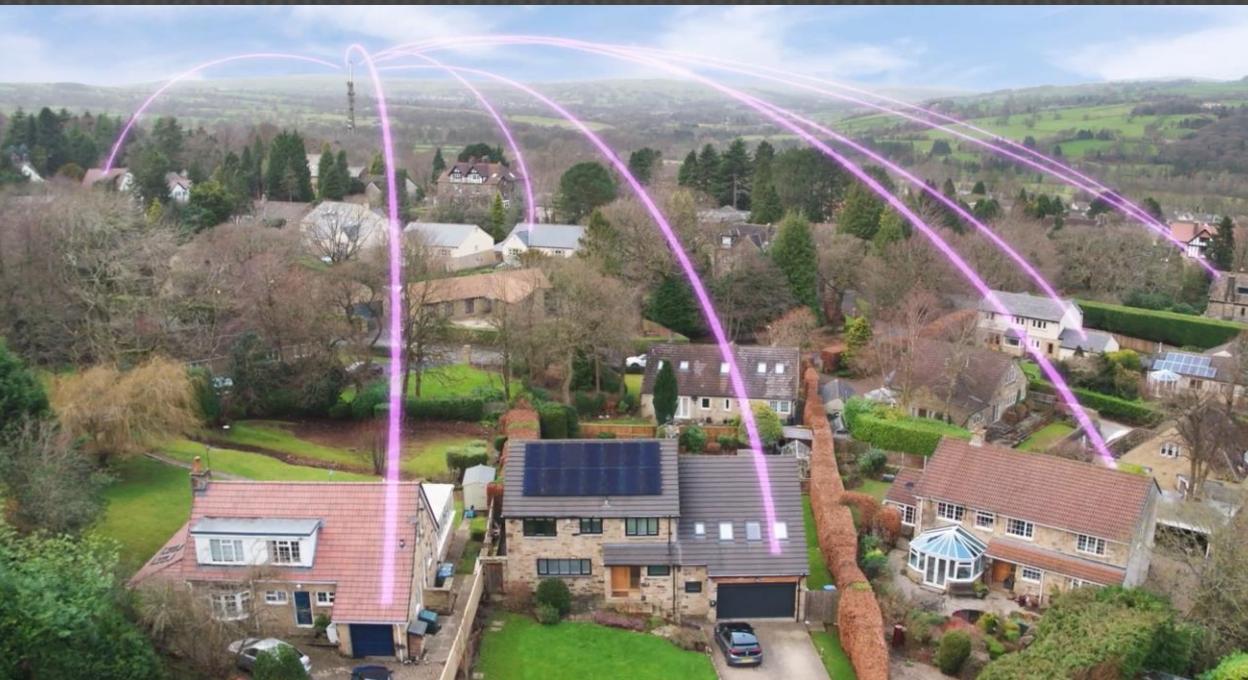
Picture from left features Mike Bell, Joe Benton MP, Eileen O'Connor, Bill Esterson MP and assistant, Dr Erica Mallery-Blythe, and Brian Stein CBE





How Smart Meters send data to energy suppliers

- Energy used in the home is turned into a data package and wirelessly transmitted from the home to local phone masts/cell towers.





Scientists and health professionals are raising concerns about smart meters

- Smart meters and cell phones occupy similar frequency bands of the electromagnetic spectrum, meaning that cell phone research can apply to smart meter RFR. Smart meter RFR consists of frequent, very intense but very brief pulses throughout the day.
- Smart meter exposure over a 24-hour period can be very prolonged (pulses can average 9,600 times a day)
- there is building evidence that the sharp, high intensity pulses are particularly harmful.

Source: <https://ehtrust.org/wp-content/uploads/Carpenter-Letter.pdf>





The World Health Organization in 2011 classified the entire RF/EMF spectrum as a "2B Possible Human Carcinogen".

International Agency for Research on Cancer



PRESS RELEASE
N° 208

31 May 2011

IARC CLASSIFIES RADIOFREQUENCY ELECTROMAGNETIC FIELDS AS POSSIBLY CARCINOGENIC TO HUMANS

Lyon, France, May 31, 2011 -- The WHO/International Agency for Research on Cancer (IARC) has classified radiofrequency electromagnetic fields as possibly carcinogenic to humans (Group 2B), based on an increased risk for glioma, a malignant type of brain cancer¹, associated with wireless phone use.





Evidence continues to increase with two of the world's largest animal studies. The \$30 million US National Toxicology Program and the Italian Ramazzini Institute ten-year research both found clear evidence of cancer.

**It doesn't get clearer than
"clear evidence"
of cancer.**



Wireless radiation isn't safe.





Risks associated with smart meter radiation are not limited to cancer.

Here are some of the most commonly reported symptoms:

- Headaches
- Insomnia
- Fatigue
- Tinnitus
- Heart arrhythmia/palpitations
- Decreased immune function
- Irritability
- Decreased cognitive function

Some smart meters pulse 190,000 times per day (essentially constant pulsing). These pulses travel nearly 2 miles and can conduct along all Copper electrical wiring within a home & community.

Source: <https://www.emfanalysis.com/smart-meter-health-effects/>





French Court Orders Removal of man's Smart Meter

A man won a court battle to remove Linky smart meter after suffering with electrosensitivity associated with the meter.

The ruling was based on the court's interpretation of the European Court of justice's 'Principle of Precaution'.

This states that "in case of doubt as to the cause or extent of harm to individuals, institutions can require protective measures without waiting for the reality of the risks to be fully established.

Source: <https://stopsmartmeters.com.au/2024/01/01/french-court-orders-removal-of-mans-smart-meter/>





UK legal developments regarding Electrosensitivity

The case, EAM v East Sussex County Council (Special educational needs) features a child who suffers Electrosensitivity. Upper Tribunal Judge Jacobs found that the child should be considered disabled under the Equality Act 2010, and she required an Education, Health, and Care Plan (EHCP)

In June 2022, a 59-year-old UK social worker won 'early ill health retirement' for disabling 'Electromagnetic Hypersensitivity (EHS)

Source: <https://phiremedical.org/news/>





Smart Meter Fire and Electrical Hazards

Meters have exploded and caused fires. Some resulting in deaths of people and pets.

The electronics can overheat. Moisture can be the trigger that causes smart meter fires.

Small electronic parts can't handle high intensity voltage surges.

Remotely turning meter on and off can cause the meter to combust.

The lithium batteries which power them are flammable as well as overheating, which can cause them to explode.

Source: <https://smartmeterharm.org/fire-and-electrical-hazards-report/>





The UK Government don't know who is liable

Freedom of Information response from UK Government to the EM Radiation Research Trust confirms: "The Government does NOT hold any information regarding public liability insurance for the wireless industry".

The Government's primary responsibility is the protection of its citizens from harm. The microwave emissions from a mass rollout of smart meters presents health and fire hazards to the population. Government should protect public safety and stop the Rollout of wireless smart meters.





Take Action

→ **Guidance** a. Utility customers should retain the right to opt out of a smart meter to protect their health and that of those living with them, their neighbours, and their community.

b. Persons affected by such emissions should not be discriminated against by effectively being forced to install a smart meter in their own home that may harm them and prejudice peaceful enjoyment of their property.

→ **Action** Government should protect citizens and communities from harm by ensuring analogue meters remain available.

EM Radiation Research Trust Smart Meter Action Pack free to

Download: <https://www.radiationresearch.org/news/smart-meters-letter-action-template/>

