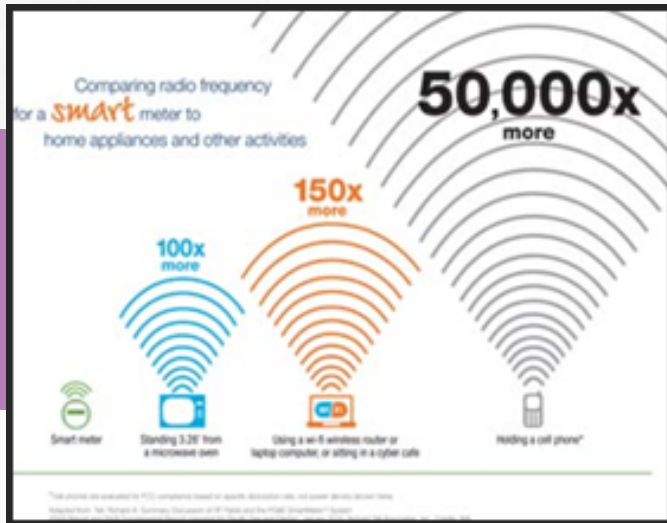


# MY HEALTH & SMART METERS

## Does this new technology pose any health concerns?

The short answer is: no. There are no known health concerns with the radiofrequency (RF) technology used by smart meters.



## Have there been any health studies on smart meters?

There are lots of health studies on RF devices like cellphones and wireless-routers. Because the topic is already well understood and because of the largely insignificant amount of RF contributed by meters to our everyday exposure, extensive health studies on smart meters are relatively low-priority for health organizations.

## How do smart meters compare to other RF devices?

The frequency emitted by smart meters as they transmit data is on par with your cellphone, Wi-Fi router, or microwave between 1 and 3 GHz. The charts to the right provide a handy comparison of different RF devices.

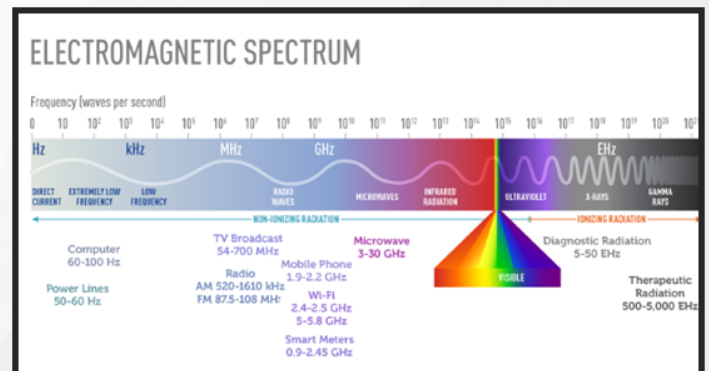


## Are there any health concerns associated with RF technology?

Radiofrequency is a form of electromagnetic radiation, but only ionized radiation poses a health risk. The smart meter frequency used is non-ionized and poses no known risks to general health or safety. Harmful radiation is high-energy and high-frequency and RF waves are neither. Proximity and exposure strength are also factors. Since the meter module is outside your home behind multiple walls and only transmit a few minutes a day at most, its minimal emission of RF waves is even further reduced.

## What about pacemakers?

A study that examined the effect of modern meters on pacemakers and implantable defibrillators found that the smart meters did not interfere with these devices.



# RESOURCES

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**Electric Power Research Institute, 2019 Update "EMF and Your Health"**  
<https://www.epri.com/research/products/000000003002016508>

**National Institutes of Environmental Health Sciences "Electric & Magnetic Fields"**  
<https://www.niehs.nih.gov/health/topics/agents/emf>



**World Health Organization "Electromagnetic Fields"**  
[https://www.who.int/health-topics/electromagnetic-fields#tab=tab\\_1](https://www.who.int/health-topics/electromagnetic-fields#tab=tab_1)

**United States Environmental Protection Agency "Electric and Magnetic Fields from Power Lines"** <https://www.epa.gov/radtown/electric-and-magnetic-fields-power-lines>



**For information about OPPD's commitment to safety, please visit:**  
<https://www.oppd.com/residential/energy-efficiency/health-and-safety/>