

I am a veterinarian and my husband is a (now retired) physician and electrical engineer. Neither of us were previously aware or took seriously the health effects from non-ionizing radiation from electronic and wireless devices—that is, until we learned the hard way.

A smart meter was installed on my home in late 2015. That afternoon I developed an uncharacteristic headache, and suddenly became unable to sleep, and atypically agitated and fatigued. My abdomen, neck and back became unusually painful. My normally good mood degraded to a depression. My short term memory, cognition, and ability to focus and read significantly degraded. Eventually, I learned I could sleep outside (in December) in a little sailboat parked in the back yard. A few other symptoms would also improve outside in the yard. I later discovered I was able to sleep in the house with the circuit breakers cut off to my bedroom. But the headache and mood alternation and aches and pains continued. I eventually developed a cardiac arrhythmia. This conglomeration of symptoms continued for 6 months.

In the midst of this, we found an unrelated electrical problem at the house which the electrical company investigated. While sorting out that problem, they removed the smart meter. My headache disappeared, my insomnia disappeared, my cardiac arrhythmia resolved, my energy returned, my memory improved and my aches and pains improved. I finally felt much better—for nearly two months.

Then all the symptoms returned again--the headache, the insomnia, the depression, memory loss, inability to focus, the aches and pains, the agitation the arrhythmia... We then discovered that the smart meter had been recently reinstalled. Because the other electrical problem (stray voltage) was still not yet repaired, a utility technician agreed to remove the smart meter a second time until they repaired the stray voltage. Once again, all my symptoms resolved a second time with the meter removed.

The relief in the house persisted with the smart meter off the house but was going to be short lived again. The other electrical problem was finally being addressed after 14 months, and the smart meter was about to be a permanent fixture. To prevent this third installation, my husband and I had to file legal proceedings against the electric utility PECO. This was the beginning of an 8 year legal battle taking an insane amount of time and energy, not to mention financial resources. We fought pro se as legal representation would have been several hundred thousand dollars according to one lawyer who represented another smart meter litigant, also against PECO.

I had three physicians testify to the harm the smart meter caused in a 3-day hearing. The administrative law judge ultimately ruled it would not be safe to put that same smart meter back on the house, yet PECO could reinstall a different smart meter. We objected to that latter part, and the utility objected to the fact that any smart meter could possibly be unsafe. The PA Public Utility Commission overruled the unsafe aspect and deemed the original smart meter could never have caused any harm. We appealed to the PA Commonwealth Court. They dismissed our case entirely without addressing a single argument. They objected to our page numbering and lumped us in the same category as a different litigant who lost their smart meter case ignoring the fact our case

and arguments and evidence of harm were quite different. The PA Supreme Court declined to take our case. By now there are over two hundred PA smart meter cases in PA. To my knowledge, 100% of the litigants lost their cases--nobody received relief from a smart meter.

Ultimately we went off grid to avoid that third smart meter installation. That was a necessary but grossly expensive solution, especially compared to the \$40 remedy in the form of an old fashioned analog meter that the utility and utility Commission refused to install. Other Pennsylvanias suffered in various ways as all their cases were lost.

The sequela from the smart meter exposures also resulted in further complications in that I developed an atypical reaction to electromagnetic fields—now referred to as EMR syndrome—which led to a complete disruption of my life and that of my family. I could no longer tolerate the 'normal' electromagnetic environment and felt uncomfortable (to debilitating) symptoms while traveling, in church, restaurants, schools, sports events, as well as family and friend gatherings.

We continued to remediate our own home for a greater amount of electromagnetic quietude, providing even more comfort for me in my home. We also hosted and advised several others also incapacitated after a smart meter installation on or near their homes. One particular woman we hosted had been planning her suicide from the depression that followed after a neighbor's smart meter installation. As soon as she stayed with us in our electromagnetically quiet home, it only took three days for her depression and her suicidal ideation to lift.

This plight, together with evaluation of the scientific literature from non-ionizing radiation has led me to the realization that the environmental issue of wireless radiation is, in my experience, a very significant contributor to mental, emotional, and physical illness. Many people I met in a similar plight as me have already drawn this conclusion and are aware of the connection between certain electromagnetic exposures and the onset of their symptoms, but a vast majority of the population has not yet made this connection.

Evaluation of the mechanisms of smart meter harm appear to be, at least, from both the conducted emissions placed throughout the building's wiring system that broadcast into the living spaces as well as the pulsed microwave radiation emanating directly from the meter. Please note that there is a substantial amount of scientific literature substantiating my personal experience, including this review paper: <https://www.frontiersin.org/journals/public-health/articles/10.3389/fpubh.2022.986315/full>

I am very grateful for the opportunity for this knowledge to be more widely known and addressed. I appreciate the attention the FCC is now going to give to the devices within its regulatory jurisdiction that emit harmful non-ionizing radiation. The legal justification currently used for dismissing smart meter cases is that is no 'clear causal connection' between smart meters and harm as 'expert witnesses' are hired to interpret the FCC's outdated safety standards as evidence of safety.

Thank you.