

From: [Olemara Peters](#)
To: [UTC DL Records Center](#)
Subject: Docket U-180117 AMI's Opt-Out / Opt-In? (my March 8 cmt, updated)
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Docket U-180117 AMI's Opt-Out / Opt-In? (my March 8 cmt, updated)
From: Olemara Peters
March 13 2018

Dear WUT Commissioners,

AMI's and AMR's should be prohibited, until their biological harms, and their privacy, security, safety, overbilling, and replacement-costs problems are clearly resolved — resolved not just according to proponents' sales-talk, but according to a preponderance of independent research.

If not banned, they should at least be Opt-In, not Opt-Out.

PSE didn't provide me with either choice, in 1999. Already I've been suffering layers of health-destruction effects from PSE's AMR's, for nearly 19 years. They were installed (on my house and neighborhood) June 3 1999 (with no forewarning, that I know of). I was busy that day, and told myself "It'll be OK, it'll have to be OK, I can't fit anything else into workload." But by 3 am the first night, it was quite clearly not OK, and never has been since. On average I'm 3 hours sleepless per night (starting that night — from previously-usual 7-9 hrs' good sleep), and the hours of more-nearly "sleep" are of impaired quality... with all the effects of lacking-normal-repair-time accumulating since. I've spent endless money and time on mitigations, and on healthcare for the effects the mitigations don't suffice for. All of these efforts remediate, I'd estimate, only about 20-30% of the emissions' impacts to my health.

I'd already had to move away from Seattle's Queen Anne Hill, in 1986, to get away from similar impacts from the QA broadcast towers. I found good refuge, in Redmond for 13 years — good sleep, and recovered a lot of my health — till the first night after PSE installed AMR's here.

I've never gotten any recourse from PSE. Their (instead) claims/excuses have included

- "The signals don't pass through the house walls." This is geometrically ridiculous. Most meters face narrow side-yards, and the "neighborhood relays" are spaced every 1/3-1/4 mi. Signals (if blocked by house-walls) wouldn't be able to reach "neighborhood relay" unless street were a semicircle with relay in the middle. My street, and most streets, are instead straight;
- "It doesn't put out any more energy than a cellphone" (part of the industry's trivializing/concealment of the meters' aggressively-concentrated pulses — you could likewise average a bullet's energy over 5 minutes or so, and it too wouldn't puncture anything) —
and in any case, I don't carry a microwave ("cell") phone, and I keep my house landlined (free of WiFi); the AMR is actually the nearest and probably-strongest RF source; neighboring AMR's and WiFi's are the second-strongest.

PSE, and other members of the "smart" meters industry, also regularly conceal the number of transmissions (electropollution-emissions) for a given period, by stating instead only the number of "reads" (ignoring that the meter transmits much oftener than the utility actually collects and reads a transmission).

On the rare occasions when I get to sleep in a more electropeaceful place, even for a night or two, a few of the health-impacts already begin to abate:

- the tinnitus backs off,
- I begin to recover some ability to concentrate, and

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— I recover some enzymes-secretion — e.g., don't need usual digestive supplements.
All of these improvements are lost again, with 1st night's "sleep" back at home.
The rest of the cumulative destructions-of-my-health (beyond scope of this comment) will evidently require longer electropeaceful time, for repairs to begin to show up at all.

RFs' biological harms are well-documented, for instance at

— www.bioinitiative.org

— www.ehtrust.org

— www.electromagnetichealth.org

and in

— Overpowered, by Martin Blank Ph.D (includes some description of the decades of research into RF bioimpacts related to cancer, and industry's denial/discrediting processes), and

— the research led by Martin Pall Ph.D, showing another of the avenues of nonthermal RF harm: disruption of cell-membranes' ion channels, VGCC's (voltage-gated calcium channels). Here's a link to 8 of his papers:

<https://www.regulations.gov/document?D=NHTSA-2016-0126-0102>

There are countless good resources documenting — in addition to "smart" meters' bioimpacts — their shortcomings as to (e.g.) privacy, security, energy, economy, and fire-safety. Here are just two sets:

— (2013) <http://gettingsmarteraboutthesmartgrid.org>

-- http://gettingsmarteraboutthesmartgrid.org/the_high_road_to_a_true_smart_grid_video

-- <http://electromagnetichealth.org/wp-content/uploads/2014/02/Smart-Grid-Report-3-15-13.pdf>

— (2018) **NEW REPORT: "Re-Inventing Wires: The Future of Landlines and Networks"**

<http://electromagnetichealth.org/electromagnetic-health-blog/wires-long-press-release/>

AMI's are also more likely to be "daisy-chained" — numerous households' info routed through one household — could result in many times (hundreds of times?) higher exposure for some households -- without telling the occupants.

AMI's are also (unlike AMR's) two-way, can receive as well as send. This means

— increased emissions of utility's communications TO each household's meter (plus cumulatively through whatever daisy-chain)

— utility can change frequencies, pulse-patterns, etc. — as well as daisy-chain setups — remotely, without even a site visit (let alone other notification). The only part of this that citizens have yet begun to talk about is that utility may start imposing "time of use" limits, and be able to turn off power to any household at will — or to individual appliances, via built-in IoT ("Internet of Things") chips. (True, already it's getting hard to find appliances that are verifiably free of such chips — an added electropollution-source, even if there weren't the privacy concern.)

Please protect Washington's households (including mine) and bioregions' biodiversity, from all the forms of destruction outlined at the above, for a start — please protect my home from this trespassing technology — please deny utilities permission for AMI's/ AMR's! Or, at minimum, require that they be presented as Opt-In.

Thank you.

Olemara Peters

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