

From: Etta Pinkens
To: [UTC DL Records Center](#)
Subject: Docket U-180117
Date: Tuesday, March 6, 2018 7:59:05 PM

Re: Customer Choice for Smart meter installation, submitted March 6, 2018
From: Etta Pinkens, Clinton, WA

Dear Commissioners,

I believe smart meter advancement is unsound based on three main areas:

#1 Increased costs to consumers. There is evidence that smart meters require frequent replacement.....costs to be born by consumers. The measuring system on smart meters has been shown to be less accurate, generally averaging peak use, rather than actual power use....more cost to consumers. Power outages may hamper accuracy of usage readings whereas this is not a problem with analog meters.

#2 Negative health effects. We all appreciate the convenience of EMF technology, but increased exposure is now associated with clear health risks.

<https://www.biorxiv.org/content/early/2016/05/26/055699> (Brain and Heart cancers in rodents.) The following Swedish review advises REDUCED exposure. "Studies carried out in Sweden indicate that those who begin using either cordless or mobile phones regularly before age 20 have a greater than a fourfold increased risk of ipsilateral glioma[cancer on same side of brain as phone is used]." <https://www.ncbi.nlm.nih.gov/pubmed/23664410>

Smart meters will flood our houses and public meeting places with strong EMF pulses, 24/7, and CANNOT BE TURNED OFF by the consumer. To recover from the effects of daytime EMF exposure, it is advised to sleep without EMF exposure so one's parasympathetic, neuroendocrine and vascular systems can regenerate. With smart meters, this will not be possible.

#3 Violation of privacy and vulnerability to data collection. Instead of just reading numbers on a dial, the electronic information pulsed through the house multiple times a minute allows for data collection that will only increase as marketing firms call for more data. Once an electronic computer reader is placed on your house, "necessary" upgrades could expand to meet the necessity of the power company, not the consumer. Remote and EMF transmission of data compounds hackability, power surge concerns, and access by negative actors to the consumer's as well as the community's power supply.

The opt-out option again: costs the consumer, and still exposes the vast majority of the citizenry to health and privacy risks.

Let us pursue wired/fiberoptic and health-safe technologies rather than spending effort and money, violating the privacy of all citizens and burdening our long term health by vastly

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increasing our unavoidable EMF exposure with smart meter installations.

Thank you,

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