

From: Richard Conrad <rconrad999@hawaii.rr.com>
Sent: Wednesday, January 20, 2016 8:14 PM
To: tim.dodge@psncuc.nc.gov; Statements
Subject: smart meter opt-out tariffs

FILED

JAN 21 2016

Clerk's Office
N.C. Utilities Commission

Edward S. Finley, Jr., Chairman
North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4300

Subject: DOCKET NO. E100, SUB 141 - Oppose Smart Meter Opt-Out Tariffs

Dear Chairman Finley and Public Staff:

I am writing to ask you to **oppose smart meter opt-out tariffs**. † I have a Ph.D. in Biochemistry from Johns Hopkins University, and saw that so much harm was occurring to people after smart meters were installed on their homes, that I conducted a Smart Meter Health Effects Survey, the results of which are given in this link:

<http://www.conradbiologic.com/pdfs/EMSnetwork-Survey-Results-FinalReduced.pdf>

The Survey findings were that persons developed severe and disabling symptoms that they had never experienced before in their lives, soon after smart meter installation, in spite of in many cases being completely unaware of the presence of the smart meter at the time their symptoms began. Two additional smart meter surveys by others have also found symptoms that typically include insomnia, tinnitus, headache and heart arrhythmias: <http://www.scribd.com/doc/289777267/Symptoms-after-Exposure-to-Smart-Meter-Radiation> The pulsed microwave transmissions from smart meters not only exacerbates symptoms in persons who were already electrically sensitive, but have also caused many persons to become electrically sensitive for the first time in their lives to the point where they can no longer use cell phones or computers, and have had to quit their jobs.

† Numerous peer-reviewed studies have shown that similar pulsed microwave emissions negatively affect brainwaves and sperm in humans, and cause birth defects, DNA damage, leaky blood-brain barrier and other significant harm in animals, including elevated calcium inside cells which causes the malfunction and death of neurons. The dose-response curve is usually very non-linear, such that a 100X reduction in dose will reduce the effect by less than 10X, so even the relatively low intensity pulsing of smart meters 24/7 can have a significant effect on the health and well-being of a significant percentage of the exposed population.

Thus to charge susceptible people an opt-out fee to avoid being exposed to emissions from a smart meter on their own home would be extortion. In spite of what the FCC and smart meter manufacturers claim, their "standards" do not protect people from biological harm at the cellular level; their standards only protect against gross burns - overheating of flesh from microwaves. Smart meters have never been tested for safety on either

people or animals; deployment has been occurring without proof of no harm. **Smart meter deployments are equivalent to experimenting on humans without their consent, and if an application for such an experiment were to be submitted to an Institutional Review Board (which is the requirement prior to experimenting on humans) it would be rejected outright. Smart meter deployment is in violation of all ten points of the Nuremburg Code, which is a set of research ethics principles for human experimentation laid down at the end of World War II: https://en.wikipedia.org/wiki/Nuremberg_Code**

Furthermore, all the customer benefits claimed for smart meters by manufacturers and the utilities are propaganda, and include:

- 1) more monitoring and control of usage by customers (but it has been proven that most customers won't use this feature);
- 2) more rapid localization of and response to outages (but this is unnecessary because there is already usually a computerized system in place where customers dial a trouble telephone number direct to the utility office computer which then automatically registers the address);
- 3) not having to hire meter readers (but there are alternate automated systems such as monthly reporting by customers using postcards or phone).

The real reason for smart meter deployment is not to save energy, because they don't; is not to monitor usage to adjust voltages in different areas, because there are other far less expensive and intrusive means to accomplish this (such as Power Quality Monitors on phone poles every few blocks); but their main real reason is to glean marketing information from personal behaviors of customers which the utilities can then sell to marketing companies. See: <http://smartgridawareness.org/2016/01/11/industrial-profiteering-and-government-sanctioned-surveillance/>

Smart meters are a big mistake in the first place: [Nine Reasons Why Today's Smart Meter Systems are a Mistake \(5/9/14\)](#)

No one should be penalized for refusing a smart meter, especially if refusing for health reasons.

Richard H. Conrad, Ph.D.

Mount, Gail

From: Mary Collins <veganmary@mindspring.com>
Sent: Wednesday, January 20, 2016 7:32 PM
To: Statements; tim.dodge@psncuc.nc.gov
Subject: Subject: DOCKET NO. E-100, SUB 141 - Oppose Smart Meter Opt-Out Tariffs

FILED

JAN 21 2016

**Clerk's Office
N.C. Utilities Commission**

To: Edward S. Finley, Jr., Chairman [finley@ncuc.net] North Carolina Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4300, USA
Subject: DOCKET NO. E-100, SUB 141 - Oppose Smart Meter Opt-Out Tariffs

I wish to express my concern and objection about assessing a fee for opting out of the Smart Meter, aka the tariffs. I know that you will have received compelling information from a Swedish scientist on the serious risks and very possible dangers of such meters. Meters are not typically read on a monthly basis, it is possible to estimate and then make a periodic physical check, as has been done in the past. Being required to participate in a metering program that benefits the utilities, but not the consumer means that the cost should not be passed to the consumer in the form of a tariff.

We respectfully oppose Smart Meter tariffs as an unnecessary fee to consumers. Electricity is a basic need for homeowners and for those particularly concerned about exposure the fee is highly regressive and unfair.

Mary and Ken Collins
211 Howland Ave.
Cary, NC 27513 919-469-5716

Mount, Gail

From: cwa5555@aol.com
Sent: Thursday, January 21, 2016 12:35 PM
To: Statements
Subject: stop fracking in NC, eliminate use of carbon-based fuels for power production

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JAN 21 2016

Hi NC Utility Commission,

E100 SUB 141

Clerk's Office
N.C. Utilities Commission

This is to enter my vote **AGAINST** *any expansion of fracking or fracking infrastructure in NC, including construction of gas plants near Asheville.*

Further,

The global warming problem is ever increasing. Coal is a huge problem, but natural gas is also a problem. And the product of natural gas combustion is CO₂, the main greenhouse gas, which is invisible to the human eye !

Please see the video :

Modified Camera Exposes Alarming CO₂ Emissions
<https://www.youtube.com/watch?v=iH-W3gYx8vY>

A non-carbon economy is the the right goal !

Please encourage/guide Duke Energy into supporting the cleanest forms of energy,
which are,
solar and wind power !

Thank you so much,
Clarence Andrews

Mount, Gail

From: lumagraphics@gmail.com on behalf of Harriet Wu <harwu13@gmail.com>
Sent: Thursday, January 21, 2016 9:57 AM
To: Statements
Subject: DOCKET NO. E100, SUB 141

regarding:
DOCKET NO.E100, SUB 141

FILED

JAN 21 2016

Clerk's Office
N.C. Utilities Commission

Dear North Carolina Utilities Commission,

I am writing to oppose the smart meter opt-out tariffs proposed by Duke Energy.

As wifi networks, smartphones, hotspots and devices proliferate intensely everywhere, I am concerned about the effect of all these additional wireless signals/radiation sources on the human body and brain. Making people pay large extra fines because they dislike having a "smart meter" in front of their home seems extremely punitive.

Although smart meters may be convenient and profitable for Duke, there are other things, like our public health, to keep in mind. Those of us who are affected by the radiation from smart meters and wireless devices, or who are concerned about adding more wireless to our environment, should not be forced to pay heavy penalties because we have health concerns.

Duke Energy doesn't have a good track record when it comes acting in the public interest - and this is just another example.

~ Harriet Wu
Chapel Hill



Mount, Gail

From: Nancy Garson-Angert <garsonangert@gmail.com>
Sent: Thursday, January 21, 2016 3:36 PM
To: Statements
Subject: Tariffs on smart meter opt out

FILED

JAN 21 2016

Clerk's Office
N.C. Utilities Commission

E100 SUB141

To Whom it May Concern:

I am writing to oppose any smart meter opt-out tariffs as proposed by Duke Energy. The UC is considering Duke's proposed tariffs, and that information is confidential and unavailable to North Carolina's citizens.

There is some research that has shown that the radiation from "smart meters" and other wireless devices can cause serious long-term health problems as well as more acute and debilitating symptoms upon exposure. We have observed the suffering of a close friend in this way. It is unfair that any consumer should be required to pay for something they do not want, especially when that item/service is injurious to them. Please do not allow tariff charges for those wishing to opt given their health concerns. Thank you for your consideration in this matter.

Nancy Garson-Angert
Chapel Hill, NC

Sent from my iPhone