



November 22, 2021

Dear Representative Marshall, Chair, and Members of the House Consumer Affairs Committee - Representatives Matzie, Farry, Kauffman, Warner, Sankey, Mackenzie, Nelson, Delozier, Mehaffie, Markosek, Pickett, Bullock, Malagari, Snyder, Burns, Mullins, Davis, Parker, Schweyer, Stephens, Metzgar, Quinn, Emrick; and Senator Phillips-Hill, Chair, and Members of the Senate Communications and Technology Committee - Senators Kane, Stefano, Corman, Aument, Brooks, Dush, Mensch, Sabatina, Saval, and Williams:

At the November 10, 2021 Rural Broadband public hearing, as in all broadband and wireless communications hearings of the past four years, the Legislature's leadership prohibited testimony of the following:

1. constituents severely harmed by involuntary exposure to highly xenobiotic¹, pulse-modulated radiofrequency/microwave (RF/MW) radiation, transmitted by what are often referred to as "broadband" antennas; and
2. subject-matter experts who can professionally attest to the fact that exposure to RF/MW radiation causes adverse health effects in all living beings, and reduces the physical and mental capacities of all ~12-million Pennsylvanians by some decrement; and
3. all members of the public.

At least five Pennsylvanians wrote in advance of the November 10 hearing asking to comment. Two others asked to comment at the hearing itself. One was a woman who had been severely harmed and disabled by RF/MW radiation. The other was a veteran with 35-years of service. All seven constituents were prohibited from commenting at this latest hearing.

This prohibition blatantly violates the Sunshine Act ("The Act"), particularly Section 710.1(a). Kindly accept this letter, among other things, as a formal Objection made pursuant to Section 710.1(c) of The Act to the actions of the legislators at the November 10, 2021 hearing and to the ongoing blatant and serial violations of Section 710.1(a).

By permitting only profit-driven industry agents to present (not testify under oath) in favor of wireless rural broadband deployment, the leadership ensured that fellow lawmakers were misled, hiding critically important information necessary to cast an informed vote. No countervailing voice was permitted to be heard, nor were the voices of the public and the constituents you were elected to serve. Nothing could be further from the ideals on which this country was founded.

The Committees assumed "broadband" solely referred to wireless transmissions, when in fact broadband requires wireline cables. Wireless deployment has proven a failure in multiple ways and unlawful under numerous federal laws and court cases. As of August 13, 2021, the U.S. Court of Appeals for the District of Columbia Circuit determined the Federal Communications Commission (FCC) guideline "arbitrary and capricious". FCC's recent, presumptive extension of its guideline by two orders of magnitude, from 6 GHz to 100 GHz,² likewise was determined by the Court "arbitrary and capricious,"

¹ Foreign to life

² 6 billion to 100 billion cycles per second. Note: the normal frequency of the human body is 62 to 68 cycles per second

and “without reasoned explanation”. No scientific evidence was ever presented in defense of the guideline’s extension. Sadly, the U.S. has no safety standard for this injurious radiation.

On November 10th, our lawmakers were deprived of these and other essential facts about rural broadband and the applicable federal laws, as well as public participation.

The Legislature’s pattern of suppressing public comment, scientific evidence, and federal laws has spanned four years, violating, inter alia, the Pennsylvania Constitution (Article 1, Section 2 - constituent safety), the Sunshine Act (65 Pa.C.S. §§ 701 et seq.), and Legislators’ Oaths of Office, and constituting an egregious breach of the public trust.

It is time to stop going backward and rather progress. Before taking action on current broadband legislation, House and Senate Committee members need to be briefed by subject-matter experts and victims so they may ask questions and exercise due diligence on the following:

- The aforementioned D.C. Circuit decision of August 13 remanded to FCC the establishment of a scientifically based guideline. No RF/MW radiation guideline yet exists for rural broadband safety. Given a similar Decision of the same Court in 2019 determining that FCC had not gone through any National Environmental Policy Act review as required by law for the “small-cell” (4GLTE and 5G) build-out, the Legislature cannot duck behind any FCC guideline, as it presumptively has in the past, but must by federal law rather act with knowledge to protect public safety, health, the environment and Pennsylvania’s agriculture.
- Tens of thousands of peer-reviewed, journal-published scientific studies report serious biological effects on humans, animals, insects, plants, and microbes, from the pulse-modulated RF/MW radiation transmitted by broadband antennas.
- The final report of the landmark 2020 *New Hampshire Legislative Commission to Study the Environmental and Health Effects of Evolving 5G Technology*, a 13-month health and safety study, made 15 recommendations to reduce public exposure to radiation from wireless facilities. This included a recommendation for wired rather than wireless broadband.
- Pennsylvanians were forced to pay for nearly three decades an estimated \$3.7 billion (likely more) in telephone surcharges to have safe and superior wired broadband service to their homes and businesses. Based on the same Court’s ruling in 2020, Pennsylvania officials are free to claim these funds and close the rural “digital divide” using the safest, fastest, most secure and reliable, most energy-saving, superior service: wired broadband.
- Testimony from the many Pennsylvanians who have been harmed severely, disabled, led to an early death, made homeless, or forced to move out-of-state by way of harmful exposure to radiation transmitted by broadband antennas must guide legislative decision-making.
- Compliance is necessary with the federal American with Disabilities Act (ADA), the Fair Housing Act Amendment (FHAA), the Public Health Service Act Amendment, and “COVID” precedents requiring the prioritization of health above financial interests including even the necessity of breaking executed contracts for the sake of Health.

Accordingly, we renew our September 13, 2021 request to the Consumer Affairs Committee to schedule time for our six or seven subject-matter experts and qualified individuals plus five Pennsylvanians disabled by radiation injury and induced electromagnetic sensitivity to testify before the House Consumer Affairs and Senate Communications and Technology Committees on broadband and the best, speed-of-light communications available, so that all Pennsylvanians will benefit from forefront,

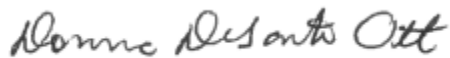
state-of-the-science communications that also protect constituents' health, safety, environment, and agriculture. We ask that:

- a minimum of 2 hours be allocated for speakers' testimonies, chosen by Pennsylvanians for Safe Technology, either in person or by means of a video platform, not counting question and answer periods for lawmakers.
- this hearing be scheduled for January 2022 as soon as lawmakers return from recess.
- Pennsylvanians for Safe Technology be given a minimum 30-day notice in advance of the hearing date so that speakers may prepare testimonies and arrange work schedules and travel.

Until such time as lawmakers have examined a substantial amount of the voluminous scientific evidence of adverse health effects and have heard the testimonies of experts and the public, including radiation-injured constituents, they lack the authority to take any action on rural broadband, lack authority to harm the public, and must refrain from doing so.

We request a reply to this letter request via email.

Respectfully,



Donna DeSanto Ott, PT DPT MS
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P.S. Enclosure (1) to this letter contains samples of statements of constituents harmed severely from exposure to wireless pulse-modulated RF/MW radiation. Some of these victims asked to testify at the November 10 and prior hearings but were refused.

Copy to:

Harrisburg Patriot News
Erie Times-News
York Daily News
Pittsburgh Post-Gazette
Beaver County Times
Butler Eagle
LNP/LancasterOnline
Philadelphia Inquirer

ELECTROMAGNETIC SENSITIVITY

Like Havana Syndrome in the overseas U.S. embassies, Electromagnetic Sensitivity (EMS) is caused by exposure to certain types of non-ionizing radiation, including pulsed modulated microwave radiation from wireless signals. It may be reversible in the early stages by reducing exposure to wireless radiation. Excessive exposures and/or other concomitant medical conditions can lead to life-altering incapacitation and debilitation.

People commonly report:

- Headaches
- Insomnia
- Cardiac arrhythmias, chest pains
- Memory and cognition impairment
- Irritability, behavioral changes
- Muscle and joint pains
- Extreme fatigue
- Tinnitus, pressure in the ears
- Worsening of other conditions: diabetes, MS, cancers

Those with EMS are often unable to use or even be around others with cell phones and smart watches. Discomfort to debilitating symptoms develop after exposure to cell phones, WiFi, smart appliances, Bluetooth, and cell towers.

Symptoms are frequently extreme. This leads to the inability to participate in society, visit friends or family, travel, take vacations, attend religious services, hold a job, and even live in their own home.

Shielding with protective clothing, paints, foils, or screens, and moving antennas may occasionally help, but are very costly, and prohibitive for many.

At least 3.2% of people today have EMS, and the number is rising. EMS is very disabling and affects the whole family. A small sample of people harmed or disabled by EMR across Pennsylvania follows.

Enclosure (1)

Liza

Conductor, Composer, Lyricist



LOSS:

- Sudden exacerbation & progression of mild EMS to severe EMS.
 - Immediately after Met-Ed smart meter deployment
- Severe headaches, nausea, and vomiting blood.
- Lost the ability to live in her home.
- Forced to sleep in her car in unsafe locations.
- Later, lived in a tent; still struggling to find safe housing.
- 5 dogs also sickened, 3 died.



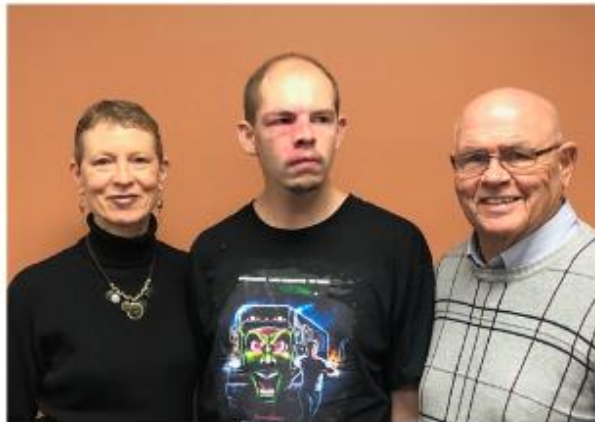
Mike, Susan & McKenzie

Rural Pennsylvania Family



LOSS

- Their son's seizures increased.
- Susan has MS which is neurological in nature.
- Mike has stage 4 colon cancer.
- Gradual medical harm as cell towers, antennas, & West Penn Power RF Mesh utility meters continue to be installed near the home.
- More than \$5000 in remediation costs so far.



Enclosure (1)

Alexia

Veterinary Radiologist and Mother



LOSS

- Headaches, insomnia, muscle and abdominal pain
- Memory loss, cognition impairment, mood alterations
- Cardiac arrhythmia
- Severely impaired ability to function
- All symptoms began when a PECO smart meter was installed (two separate occasions).
- All symptoms improved or resolved when the smart meter was removed (two separate occasions).
- EMS greatly exacerbated and persisted.
- Greater than \$50,000 in remediation costs.
- Needed to sleep in her family's boat in winter weather.



Doreen

**Low income Rural Pennsylvania
Severely Disabled Woman**

LOSS

- Exposures to agricultural chemicals and mold
- Neurological problems, age 17-18.
- Severe EMS by 1996-1997.
- Moved to a community for Environmental Illness in Snowflake, AZ in 2015.
- Recently moved back to PA for medical care.
- Lived in 2 nursing homes with fractures.
- Injuries and disability are so severe she now lives in poverty.



Enclosure (1)

Helen

Rural PA Business Owner



LOSS

- Immediate, severe medical harm after RF mesh networked PPL smart meter installation, 2019
- Problems resolved when her smart meter was moved 250 feet to an area 12 feet below an embankment at the rear of their lot.
 - initial attempt to move meter 70 Feet did not help
- Current remediation cost: \$12,000
- Expected total completion cost of \$20,000 after burying the wiring.



Theresa

Medical Professional & Mother



LOSS

- Immediate, severe medical harm after Met-Ed RF mesh networked meters were installed.
 - Severe chest pain, muscle fatigue, debilitation
- > \$25,000 in remediation costs
 - moving meter, shielding, filtering
- Exposure caused severe EMS
- Persistent episodic inability to sleep in home
- Persistent loss of ability to work and earn an income.
- Loss of access to most medical care and diagnostics
- Unable to vacation with family
- Loss of curb appeal of home.



Enclosure (1)

Donna

Businesswoman



LOSS

- Near fatal sequela following exposure to bank of smart meters in California.
- Moved to Pennsylvania
- Injured again after PPL mesh networked smart meters installed.
- Severe EMS symptoms
- Lost ability to work again, lost new business.
- Loss of home, lives with family without electricity.
- Loss of ability to sleep inside a home year round.
- Sleeps in a tent in the backyard in warmer weather.



Angel

Healthy, Active Mother and Businesswoman



LOSS

- Immediate, severe medical harm after mesh networked wireless PPL utility meters were installed on neighboring homes.
- "My life was changed in 48 hours."
- Lost the ability to hike, work, drive her children.
- Loss of home, access to medical care, family.
- Sleeps in a trailer instead of her home.



Enclosure (1)

Grace

Rural Western Pennsylvania Widow



LOSS

- Severe medical harm after West Penn Power mesh networked wireless utility meter was installed.
- She and husband both required cataract surgery soon after the smart meter was installed.
 - Doctor surprised surgery needed so soon.
- Husband developed fatal, widespread cancer.
 - He sat on a swing every day right near a wireless meter.
- Symptoms so severe she lived without electricity, even as a new widow.
- Her dogs were ill, she feared she would lose her dogs next.
- The utility refused to remove the meter.



LeeAnn

Rural Western Pennsylvania Mother & 13 year old son



LOSS

- No symptoms until forced smart meter installation Oct 2018.
- Symptoms started immediately after installation.
 - Heart palpitations, nose bleeds, severe headaches, insomnia, waking every morning between 3:00 and 4:00 AM covered in sweat, heart racing.
- Symptoms continued until \$6000 spent mitigating
 - helped to lessen symptoms.
- Developed severe EMS
 - severe headaches when around people on cell phones, especially when in a car or near a smart meter.



Enclosure (1)

Dr. S.
PhD Scientist
Expertise in Microwave Radiation

LOSS

- Permanent hearing loss following installation of ceiling-mounted 2.4 GHz band WiFi router in college office, with exposure of 400 uW/ per meter squared - levels 10,000 times lower than what the FCC alleges is "safe".
- She suffered hearing loss in her right ear.
- She sustained further damage, developing pain in her jaw, teeth, and painful chirping noises in her ear on the right side of the face.
- All symptoms were resolved after router was relocated.



"Jesse"
Rural Central Pennsylvania
Retired Teacher



LOSS

- Wireless electric meter was installed by PPL on her home in 2017, against her wishes.
- Immediate medical harm:
 - migraine headaches, heart palpitations, tinnitus, and progressive hearing loss.
- Symptoms continued until \$6,000 spent mitigating.
 - helped to lessen symptoms, not eliminate.
- Severe fatigue limiting mobility and ability to walk
- Now requires use of a walker and a wheelchair.



Enclosure (1)

WHO IS NEXT?

It's time to limit wireless infrastructure.
Switch to Fiber Optic Cable



WIRE PENNSYLVANIA

It's **GREEN.**  It's **SAFE.**

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Enclosure (1)