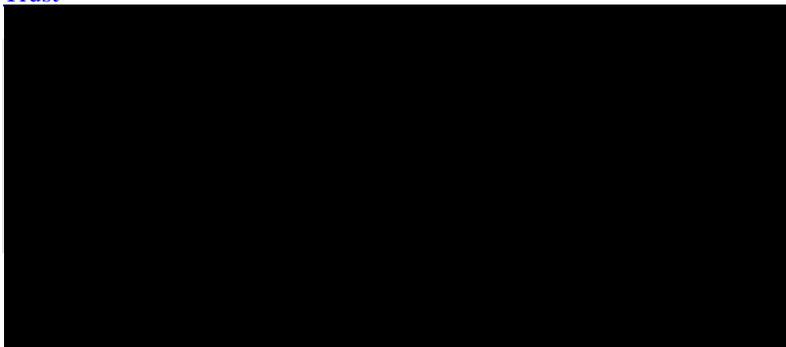


To the Ohio Senate President and members of the Senate Financial Institutions & Technology Committee, I am writing in support of the proposed amendments to H.B. 2, as recommended by Ohio 4 Safe Tech:

- **This bill MUST BE amended to require SAFE wired connections to the home**(fiber or copper) for the “last mile” infrastructure as a condition to qualify for any grant money.
- **A portion of this 210 million should be used to safely wire all our schools – urban and rural.**
- **Ideally a portion of the money should be used to educate Ohioans on the dangers and ways to reduce exposure. A public awareness campaign on how to use technology safely (especially pregnant mothers to be, infants and children).**
- **Money should set aside to purchase radiation meters for the County Boards of Health in Ohio and they should be given training on how to properly take readings on radiation emissions from small cells, full- sized cell towers and “Hot Spots”. Require these readings be posted with locations online on a website for public access.**

I would add that fiber-optics in particular has an advantage over wireless (and particularly over 5G networks) of being more energy efficient, hence enabling the expansion of broadband without further draining our resources and purses (public and private). I am reminded of a thread on the NextDoor social network where my neighbors (including myself) are complaining about their ever-rising Duke energy bills. I can only imagine that reliance on wireless broadband will only exacerbate this problem, not to mention all of the other externalities that come with wireless - such as health concerns, as there are many who are sensitive to EMF pollution.

On the question of wireless energy consumption, I recommend this article by Environmental Health Trust, and the studies it cites... [Energy Consumption of 5G, Wireless Systems and the Digital Ecosystem - Environmental Health Trust](#)



**Energy Consumption of 5G, Wireless
Systems and the Digital Ecosystem - E...**

Thank you for your consideration.

Sincerely,

Ron Orovitz

395 Grand Ave., Cincinnati OH 45205