



Move Forward to a Safe, Healthy, and Prosperous Future in Wisconsin

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Protect Property Values: Change State Law to Allow Municipalities & Counties to Provide WIRED Broadband

Broadband internet is being regarded as an essential service, therefore it should be treated as such by state law. Municipal and county governments should be allowed to create entities to provide WIRED broadband service to their residents, just as they are allowed to provide other utility services. WIRED broadband is safer, faster, and more secure than WIRELESS broadband. Even before there was widespread public awareness of the health and environmental risks, studies showed that property values around cell/broadband towers were up to 20% lower than for comparable properties that were not near towers. Since WIRED broadband does not require unsafe and unsightly transmitter towers and is far faster, more energy efficient (<https://whatis5g.info/energy-consumption/>), and more secure, it should be the choice for those looking for a sustainable and healthy future.

Protect Public Health & the Environment: Prohibit Use of Public Funds to Provide WIRELESS Broadband

There is widespread agreement that the FCC limits governing wireless radiation¹ are not biologically-protective for humans or the environment (www.electricalpollution.com/WirelessKillsTrees.html) during the chronic exposures to wireless radiation that we experience today. The Department of Interior, the Environmental Protection Agency, and the American Academy of Pediatrics have gone on record stating that the FCC wireless radiation limits are outdated. The FCC wireless radiation limits were only intended to protect a large male from thermal harm (cooking) during a short-term exposure. Thus, everyone is vulnerable to biological harm, including pregnant women and children, from the ubiquitous chronic wireless radiation exposures that are occurring today. The recent National Toxicology Program (NTP) study found clear evidence of a link to cancer, as have other studies (www.EHTrust.org). The International Agency for Research on Cancer (IARC) has already classified radiofrequency radiation as a Group 2B Possible Human Carcinogen. In March 2019, an IARC advisory panel recommended that the carcinogenicity of radiofrequency radiation be re-evaluated. Some experts are calling for the classification to be changed to Group 1 Carcinogenic to Humans. In which case, public money spent on wireless infrastructure would have been wasted on installation of a dangerous infrastructure that would need to be removed. Additional money would still need to be spent to install WIRED broadband. Thus, no public funding should be wasted on providing WIRELESS broadband anymore. Public funds should be focused solely on providing WIRED broadband which is not only safer, but also faster, more secure, and uses far less energy than WIRELESS broadband.

Restore Copper Landlines to Provide Safe Access to Telephonic Communication & Optimal 911 Service

Wireless devices themselves emit microwave/radiofrequency radiation at levels that were found in the NTP and Ramazzini Studies to cause cancer. The hazard they represent is serious enough that the Italian government was ordered in 2019 by the Italian court to begin a public awareness campaign warning about the health risk posed by cordless phone and cell phone use. France has recalled thirteen cell phone models for exceeding French safety limits (which are even weaker than the FCC wireless radiation limits) when the phones are used as they always are - in contact with the body - against the head, in pockets, bras, socks...(<https://ehtrust.org/new-study-cell-phones-exceed-safety-limits-when-phones-touch-the-body/>). Radiation emitted by wireless technology is harmful to pregnant women and their unborn children. Links have been made to miscarriage, pre-term delivery, and cognitive and behavioral impacts on children (<https://ehtrust.org/science/pregnancy-wireless-and-electromagnetic-fields/>). Current state law allows telecommunications providers to force residents to use dangerous wireless communication because there is no longer a requirement that they properly maintain their copper landline system. The health and safety of Wisconsin residents and the environment necessitate restoring the requirement that telephone companies properly maintain their copper landline systems and provide universal service.

Emergency services are better able to provide timely service to people calling from landlines so people who are prevented from having landline service by their telephone company are therefore also prevented from having optimal emergency services (<http://www.nbcnews.com/tech/security/why-calling-911-your-cell-not-always-good-idea-n99736>). This particularly becomes an issue when the caller cannot provide location information, whether due to age (extreme youth) or incapacitation.

Return Control of Cell/Broadband Tower/Antenna Siting to Local Governments

In light of the inadequate and outdated FCC wireless radiation limits, it is increasingly important that local governments be allowed under state law to take whatever steps are necessary to protect the health of their residents. The state should also stop promoting measures to limit local governments' ability to protect public health, the environment, historical districts, and public interest, like the Broadband Forward! ordinance being promoted by the Wisconsin Public Service Commission.

Ensure Public Health & Safety, the Environment, and Public Interest Are Paramount in Technology Decisions

The Wisconsin Technology Committee should consist of public and environmental health experts, consumer protection advocates, and environmental and biological scientists who are and have been completely independent of the technology industry and who would be charged with vetting any policy advice provided by the Wisconsin Technology Council to ensure that it is in the public interest, namely it provides definite benefits without endangering public health or the environment. The Committee should also be charged with identifying potentially dangerous technology and recommending necessary changes to protect public health and the environment.

Protect Wisconsin by:

Supporting affordable broadband internet access with safe, reliable, secure WIRED infrastructure all the way to the home/premises instead of powerful wireless "small" cell antennas (5G/IoT). Excellent resource: "[Reinventing Wires: The Future of Landlines and Networks.](#)"

- Ask Sen. Baldwin and Sen. Johnson to support H.R. 530. This Bill would help restore local control to local municipalities by overturning the overreaching Sept. 2018 FCC Order.
- Ask Sen. Baldwin and Sen. Johnson to sponsor/support legislation to repeal Section 704 of the 1996 Telecommunication Act
- Sponsor or support legislation to prohibit use of public broadband funds to install wireless technology, which endangers public health and the environment.
- Sponsor or support legislation to repeal parts of 2011 Act 22 so telecoms are again responsible for repairing copper lines, insuring capacity for landlines which are proven the most reliable emergency communication.
- Sponsor or support legislation to repeal 2013 Act 20 and return power to local governments to regulate the siting of cell phone, WiFi, and broadcast towers.
- Sponsor or support legislation to repeal Wisconsin Statute Annotated § 66.0422 and revise current statutes so communities can readily install WIRED broadband networks.
- Sponsor or support legislation to encourage affordable broadband internet access with safe, reliable, secure WIRED infrastructure all the way to the home/school/business instead of radiation emitting wireless "small" cell antennas.
- Sponsor legislation to change the membership and mission of Wisconsin Technology Committee to protection of public health and the environment and the public interest in vetting policy recommendations put forward by the Wisconsin Technology Council.

¹All wireless devices emit radiofrequency radiation. Modern wireless technology uses pulsed modulated radiofrequency radiation, mostly in the microwave range. There has never been a safe level of exposure to microwave radiation determined in the scientific literature. All of the following use this form of man-made microwave radiation to send and receive data: cell phones, cordless phones, Bluetooth, laptops, Chromebooks, iPads and other tablets, iPods, smartboards, classroom access points, WiFi routers, baby monitors, utility "smart" meters, home assistants, and many gaming systems, hearing aids, pacemakers, vehicles, and wearable devices, as well as cell/broadband towers, including "small" cell antennas for 4G/5G. Note: Other terms often used in association with wireless devices are electromagnetic fields (EMFs), electromagnetic radiation (EMR) and millimeter waves (MMW), and the lay designation - wireless radiation - which we use in this briefing.

Learn More and Take Action:

www.ElectricalPollution.com

www.WisconsinSafeTech.com

www.OconomowocForSafeTechnology.org