

**A RESOLUTION OF WHATCOM COUNTY, WASHINGTON
REQUESTING THE STATE LEGISLATURE, CONGRESS AND THE
FEDERAL COMMUNICATIONS COMMISSION TO TAKE ACTION TO
PROTECT WASHINGTON'S RESIDENTS FROM ANY HARMFUL
EFFECTS OF 4G & 5G WIRELESS TECHNOLOGY**

Synopsis: This resolution requests the Washington State Legislature to take all necessary steps to thoroughly study the effects of 4G and 5G wireless technology on humans, and further requests Congress, and the Federal Communications Commission (FCC) to limit the deployment and use of this technology in Washington until scientific evidence conclusively establishes that long term exposure to wireless radiation poses no harm to humans.

WHEREAS, under 47 U.S.C. §§ 253(a), 332(c)(7)(B), Congress has determined that state and/or local laws that prohibit or have the effect of prohibiting telecommunication and/or personal wireless services are preempted by federal law; and

WHEREAS, there is currently conflicting scientific research and a lack of consensus as to the effects of 5G wireless technology on humans; and

WHEREAS, current "small cell" installations use 4G/LTE wireless microwave frequencies, later expected to move to 5G millimeter wave frequencies; and

WHEREAS, reliable scientific evidence suggests that 4G and 5G technology may adversely affect the health and well-being of Washington's residents, e.g., the World Health Organization, in partnership with the International Agency for Research on Cancer, [has classified all radio frequencies, including those used in cellular networks, as "possibly carcinogenic to humans,"](#) and a \$30 million, FDA-sponsored 2018 decade-long study by the National Toxicology Program, part of the U.S. Department of Health and Human Services, found that exposure to radio frequency radiation used by 2G and 3G wireless technologies [is associated with "clear evidence" of cancerous tumors in male rats;](#) and

WHEREAS, much less is currently known about the biological effects of *continuous* exposure to 4G/5G wireless technology on humans; and

WHEREAS, wireless industry representatives admitted in a February 6, 2019 [Congressional oversight hearing on 5G](#) that they are aware of no pre-market safety testing done before the industry rollout of 4G/5G "small cell" antennas into our public rights of way in close proximity to homes, schools and places of work; and

WHEREAS, while the Council supports the innovation and use of new technology that will provide a better quality of life to Washington residents, it is concerned about rushing to implement 5G wireless technology before its effects on humans are fully understood, and urges prudent care be taken to ensure that no one is harmed therefrom.

NOW, THEREFORE, BE IT RESOLVED by the Whatcom County Council as follows:

The Washington State Legislature is urged to take all necessary steps to diligently and thoroughly study the effects of 4G and 5G wireless technology, including “small cell” towers, on Washington's residents; and it is urged that Congress direct the FCC to limit the deployment and use of 4G/5G “small cell” technology until scientific evidence conclusively establishes that this technology poses no health risks to humans.

This Resolution shall be sent to Governor Inslee and the leadership of the Washington State Legislature, United States Congress, and the FCC.

Contact for background documentation related to the statements above:

Cindy Franklin: 360-201-3959 cwfranklin13@gmail.com
Bellingham, WA

Member: *Whatcom Citizens for Responsible Technology* Task Force

<https://wa4safetech.com/>

Link to You Tube video and more information about the 5G Congressional oversight meeting mentioned in the proposed resolution above:

<https://ehtrust.org/health-effects-of-5g-wireless-technology-confirmed-at-us-senate-hearing-after-senator-blumenthal-questions-industry/>