

WHY WE NEED TO KNOW ALL ABOUT TECH

Paid for by ballot committee Safer Tech at [LastTreeLaws.com](https://lasttreelaws.com)

Support our Petition Initiative for Safer Choices

Our initiative petition creates an independent office to research clear, legal & scientific paths for safer technologies as related to non-ionizing radiation like electricity & wireless to share solutions & submit legal testimony. For success, we need your support.

Protecting Local Finances & Lives

Sovereignty & Local Economy:

Personal & local sovereignty suffers when health & finances do. Local economies are impoverished by tech's monopolies (e.g., [Amazon](#)), [gatekeeping](#), copyright theft, required tech purchases, insurance, wage docking, and AI-enabled job losses.

DID YOU KNOW? The Distributed AI Research Institute in 2025 reported invasive surveillance sensors, AI systems, cameras, & phone apps flagged Amazon delivery drivers for normal behavior (e.g., *braking/toilet*), docking pay or causing termination.

Progress for Whom? High-voltage electric lines exceeding 500 milligauss (mG) are being set under public sidewalks when decades of data show childhood leukemia risks double from chronic exposures of 3-4 mG. Historically the US has limited exposures at the edge of utility line property to 50 mG, with significantly [lower](#) limits set for people or by [states](#) or other [countries](#). This spike in localized exposure stems from massive alternative energy installations, such as coastal [wind](#) energy distribution. Home values drop to 44% near major transmission lines and fall sharply near utility pole antennas and cell towers.

Federal FCC Failures: The **Federal Communications Commission** has failed to comply with a landmark 2021 DC Court of Appeals order requiring it to update its wireless exposure guidelines. The FCC was ordered to address docketed scientific evidence of poorly regulated radiation and links to reproductive and neurological harm such as fatigue, memory loss, headaches, mental distress, & systemic disease. Still, advancing federal bills seek to give the FCC authority to overrule all state safety antenna regulations.

Reliable & Safe Infrastructure Needs

The Fragile Wireless Grid: The fragile wireless grid introduces massive single points of failure. A single network error or cyber-compromise can freeze civil infrastructure. For example, the July 8, 2022 Canadian *Rogers Outage* shut down cellphone towers, erased 911 access, cut internet, & disabled nationwide retail debit and credit card machines. Similarly, a sweeping July 2026 [cyberattack](#) targeted U.S. water systems across 12 states, leading to boil alerts, or cut power, transit, & water (e.g. *July 2026 water in 12 states hacked*). Further, remote control of wireless utility meters & connected '[smart](#)' appliances allows utilities to [spy](#) on or cut a resident's or community's power (even if [illegal](#), fully [paid](#), [causing death](#), or halting [medical equipment](#)). [Hackers may](#), too, or start oven [fires](#), fridge [fires](#), or alter [thermostat](#). Further, many meters over-report electrical usage up to [582%](#).

Dismantling Reliable Infrastructure: Legacy copper phone lines, which work perfectly during a power blackout and offer superior connectivity, are being dismantled with FCC permission. This shift allows telecom companies to sell scrap copper for an estimated \$7

billion, while forcing consumers onto more expensive wireless-only communication services and disabling legacy burglar alarms, fire alarms, and medical panic buttons. In hilly terrains, wireless signals may be blocked entirely, forcing residents into monthly satellite contracts like Elon Musk's SpaceX [Starlink](#). Watchdog group [The Irregulars](#) frames this dismantling as accounting thievery, as consumers were charged for maintenance that did not occur and are shifted to poorly regulated wireless services.

Fire Hazards & Regulatory Preemption: Catastrophic overheating, electrical arcing, and explosions are tied to wireless digital utility meters; in an August 2011 [East Palo Alto](#) incident, 80 caught fire at once. Wood utility poles weighed down by cell tower antennas are prone to collapsing or igniting, as seen in the destructive 2007 Malibu Canyon [Fire](#). Utilities are preemptively cutting power to entire communities when fire risk is high.

Antenna Vulnerabilities & Exploits: Remote control of cell towers and antenna operating software allows malicious actors to increase power density to their maximum physical capacity. While hardware limits prevent use as thermal weapons, spikes can cause electrical interference, disrupt communications, maximize exposure levels, or be used as tools of subjugation by blacking out communications entirely. In addition, by controlling tower software, a remote actor can precisely track the locations of thousands of citizens at once or use a tactic called 'network downgrading' to undo cellphone security & send false alerts.

Energy & Resource Demands

Sending data through the air wastes a massive amount of energy compared to using a physical wire. Over **90%** of the wireless cloud's total energy consumption is driven by wireless access transmission.

- **4G** technologies consume **23 times** more energy than a wired connection.
- **5G** base stations consume 3 times as much power as 4G & need more antennas for the same area: using **up to 69 times** more energy than wired.
- **Wireless charging** [wastes](#) 36% to 40% more electricity than a wired cable.
- **On a portable device**, wireless connections quickly drain the battery.

After transmission, massive new **Artificial Intelligence** data centers process the data, and now consume up to **6% of all U.S. electricity**, magnifying the overall strain on the grid.

Wireless infrastructure & data centers accelerate raw mineral extraction and chemical pollution in mining communities worldwide.

- **Wireless Costs:** Each wireless node, along with the smartphone chips, requires cobalt, lithium, gallium, indium, copper, and rare-earth elements like neodymium and dysprosium for their high-frequency radio components, internal batteries, and advanced circuit boards. Wireless requires more antennas & hardware.
- **Wired Savings:** Modern high-speed wired networks are made of fiber-optic cables which can last 50 years. These are made from silica from sand. Fiber-optic services save energy & bypass toxic leaching tied to coaxial cables such as from wired services like Comcast. Still, the desire to connect everything on Earth has led to [sand wars](#) and a sand 'Mafia' stealing sand.

Links at [LastTreeLaws.com](#). Paid for by ballot committee Safer Tech at [LastTreeLaws.com](#)