



DAVID Y. IGE
GOVERNOR

MIKE MCCARTNEY
DIRECTOR

DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM

No. 1 Capitol District Building, 250 South Hotel Street, 5th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804
Web site: www.hawaii.gov/dbedt

Telephone: (808) 586-2355
Fax: (808) 586-2377

Statement of
MIKE MCCARTNEY
Director
Department of Business, Economic Development, and Tourism
before the
SENATE COMMITTEE ON TECHNOLOGY
AND
SENATE COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM

Tuesday, February 4, 2019
2:45 p.m.
State Capitol, Conference Room 414

In consideration of
SB 2527
RELATING TO BROADBAND SERVICE INFRASTRUCTURE.

Chairs Keohokalole and Wakai, Vice Chairs English and Taniguchi and members of the Committee. The Department of Business, Economic Development and Tourism (DBEDT) provides **comments** on SB2527 which establishes the broadband service infrastructure grant program to award grants to applicants to extend deployment of facilities used to provide broadband service to unserved and underserved areas of the State. We have the following comments:

1. To create a level playing field, the restriction on an applicant receiving funds from other federal or state grant or loan programs should be removed. There are many federal rural grant programs that seek matching state funding. This program could help augment those federal programs.
2. DBEDT appreciates the additional resources to create the policies, rules, procedures and reports necessary to successfully implement this program.
3. DBEDT appreciates the intent of the bill provided it does not replace priorities included in the Executive Budget.
4. DBEDT notes, the recent FCC's Rural Digital Opportunity Fund (RDOF) may potentially limit or exclude areas that receive state broadband deployment subsidies from RDOF consideration.

Thank you for the opportunity to testify on this measure.



DAVID Y. IGE
GOVERNOR

JOSH GREEN
LT. GOVERNOR

**STATE OF HAWAII
OFFICE OF THE DIRECTOR
DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS**

335 MERCHANT STREET, ROOM 310
P.O. BOX 541
HONOLULU, HAWAII 96809
Phone Number: 586-2850
Fax Number: 586-2856
cca.hawaii.gov

CATHERINE P. AWAKUNI COLÓN
DIRECTOR

JO ANN M. UCHIDA TAKEUCHI
DEPUTY DIRECTOR

Testimony of the Department of Commerce and Consumer Affairs

**Before the
Senate Committee on Technology
and
Senate Committee on Energy, Economic Development, and Tourism
Tuesday, February 4, 2020
2:45 p.m.
State Capitol, Conference Room 414**

**On the following measure:
S.B. 2527, RELATING TO BROADBAND SERVICE INFRASTRUCTURE**

Chair Keohokalole, Chair Wakai, and Members of the Committees:

My name is Ji Sook “Lisa” Kim, and I am the Cable Administrator of the Department of Commerce and Consumer Affairs’ (Department) Cable Television Division. The Department offers comments on this bill.

The purpose of this bill is to: (1) establish a broadband infrastructure grant program administered by the Department of Business, Economic Development, and Tourism to award grants to extend infrastructure used to provide broadband service to unserved and underserved areas of the State; and (2) appropriate funds.

Access to affordable broadband services is essential in today’s world to participate fully in our economy and society. At the federal level, broadband expansion programs, including the Federal Communications Commission’s (FCC) Connect America Fund (CAF) program, have awarded significant funding to extend access to fully unserved census blocks. However, given the restrictions of those programs,

certain residents remain without access to any wired internet service or to service even near speed thresholds currently used to define “broadband-level” service.

The Department thus recognizes that a state-level grant program could provide funding to expand broadband service to those residents in locations that may not qualify for or receive federal funding in the foreseeable future. Such a program, especially if crafted to be provider- and technology-neutral to better address Hawaii’s unique geographical challenges, could help to bridge the State’s broadband gap and allow all residents to benefit from the services and opportunities afforded by access to broadband no matter where they live. The Department notes, however, that it is currently tracking very recent FCC actions taken regarding the federal Rural Digital Opportunity Fund (RDOF), which as a successor to the CAF program, would provide \$20.4 billion in nationwide broadband deployment funding. These changes may potentially limit or exclude areas that receive state broadband deployment subsidies from RDOF consideration.

Thank you for the opportunity to testify on this bill.



Charter Communications
Testimony of Myoung Oh, Director of Government Affairs

COMMITTEE ON TECHNOLOGY

COMMITTEE ON ENERGY, ECONOMIC DEVELOPMENT, AND TOURISM

Hawai'i State Capitol, Conference Room 414
Tuesday, February 4, 2020
2:45 PM

SUPPORT OF S.B. 2527, RELATING TO BROADBAND SERVICE INFRASTRUCTURE

Chair Keohokalole, Chair Wakai, Vice-Chair English, Vice-Chair Taniguchi, and Members of the Joint Committees.

Thank you for the opportunity to provide testimony in support of S.B. 2527, which establishes a broadband service infrastructure grant program. The goal is to provide greater broadband connectivity for residents in unserved and underserved areas of Hawai'i by promoting the extension of broadband-related infrastructure, in primarily rural areas where the buildout costs are prohibitively expensive because of the low density of housing and commercial opportunities and the resulting small number of potential customers.

Charter Communications is a dedicated community partner in Hawai'i. As the largest broadband provider in Hawai'i with services available to over 400,000 homes and businesses in all 4 Counties, including Molokai and Lanai, Charter continues to expand its network. As a result of significant network investments, Charter's base broadband speed is 200/10Mbps and we now offer Spectrum Internet Gig (with download speeds of 940 Mbps) in almost all of Hawai'i. Charter continues

to significantly invest and provide infrastructure improvements, unleashing the power of an advanced, two-way, fully interactive fiber network. By moving to an all-digital network, today's Spectrum customers enjoy more HD channels, more On Demand offerings, more video choices than ever before, and the fastest internet speeds and most consistent performance available.

Charter also offers a low cost broadband service for \$17.99/month to eligible low income families and seniors to help bridge the digital divide. At 30Mbps, Spectrum Internet Assist will have a positive impact on the communities we serve in Hawai'i and help to ensure greater access to broadband technology to bridge the digital divide.

Charter strongly supports increasing access to broadband services for residents across the State where service is not available. A properly structured state broadband grant program as outlined in S.B. 2527 will, for example, help all islands, but may be especially useful in Hawai'i Island, which continues to face the greatest challenge primarily due to the lack of adequate infrastructure. With such a program in place, areas like Hāmākua, Puna, Pahoā, Nā'ālehu, Ka'ū and other remote regions will have a chance at access to broadband that they do not currently enjoy.

Because of Hawai'i's unique geography and terrain and the general prices for goods, labor and materials, the cost of connection is much higher than in some other areas of the mainland United States. By allocating resources to build broadband infrastructure to unserved and underserved areas of Hawai'i, S.B. 2527 will help broaden and enhance opportunities in every aspect of peoples' lives through economic development, education, and health care.

To make sure that the money goes to where it is most needed and to ensure proper administration of the funds, we believe that legislation should incorporate the following key principles, which are also reflected in S.B. 2527:

- State funds should come from general appropriations, not sector specific taxes and fees on current broadband customers. A dedicated source of funding through the General Fund appropriation best reflects the benefit accrued to the entire state from this investment.
- Focus must be on areas which are unserved. The current FCC standard for broadband is 25mbps download and 3Mbps upload. Any public investment should target resources to areas which are not currently served by broadband at these standards developed by the FCC. This requirement will ensure that funds are invested where they are most needed and the benefit to rural communities will be the greatest.
- A grant program must include open and transparent rules to identify where applicants are seeking state subsidies and a robust challenge process. Public investment should not occur where the private sector has already invested in broadband service. To guard against duplication of networks and investment where it is not needed, the state's program should include a transparent process which allows adequate time for existing broadband providers to confirm whether an area is already served or to commit to deploying service within a reasonable time such that state funds could be directed to an area more in need of assistance.

- The application process should be thorough to weed out unqualified applicants, but at the same time simple to avoid burdensome administrative rules that discourage investment; applicants should receive adequate time to complete their investment and the state should provide support to avoid permitting delays that can impede the process.

Many states now have these programs in place and as a result, more unserved areas are getting the funding they need to extend broadband to unserved areas. Charter respectfully requests the continued passage of S.B. 2527 to ensure that a public-private policy framework is built to connect unserved and underserved areas of Hawai'i with essential broadband connectivity.

Mahalo for the opportunity to provide testimony.

LATE

SB-2527

Submitted on: 2/4/2020 6:30:20 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Debra	Testifying for KeepYourPower.org	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to our tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small cell facilities.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure - all of which are well documented.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this human experiment.

Please oppose SB2527.

Thank you for your consideration.

Debra Greene, PhD
on behalf of KeepYourPower.org

LATE

SB-2527

Submitted on: 2/4/2020 7:19:16 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniela Voda	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to our tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small cell facilities.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this human experiment.

Please oppose SB2527.

Thank you for your consideration.
Daniela Voda

LATE

SB-2527

Submitted on: 2/4/2020 7:42:19 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Tabitha Berghian	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to our tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small cell facilities.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this human experiment.

Please oppose SB2527.

Thank you for your consideration.

-Tabitha Berghian

LATE

SB-2527

Submitted on: 2/4/2020 7:53:34 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Daniel Voda	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to our tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small cell facilities.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this human experiment.

Please oppose SB2527.

Thank you for your consideration.

Daniel Voda

LATE

SB-2527

Submitted on: 2/4/2020 8:34:10 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Sunniva Maguire	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members,
Please oppose SB2527.

I get very strong 3-4 day migraines if I am around wireless radiation. I have a device that measures RF frequencies and when the levels are under a certain point I am fine and migraine free, not many places for me left though. After thousands of migraines one starts seeing connections. I would like to draw your attention to what Dr. Sharon Goldberg, medical papers and researchers and that are not on the telecom industry’s payroll have to say.

Dr. Sharon Goldberg is an Integrative Internal Medicine Physician. Her background includes fifteen years as an academic Hospital Medicine physician and medical educator responsible for the training of medical students and resident physicians. She was Assistant Professor at New York City’s Mount Sinai Hospital; Albert Einstein College of Medicine and at the University of Miami Miller School of Medicine. She is board certified in Internal Medicine and Integrative Medicine. Dr. Goldberg has clinical expertise treating environmental illness, including Microwave Syndrome (Electro-Sensitivity).

“Wireless radiation has biological effects. Period. This is no longer a subject for debate when you look at PubMed and the peer-review literature. These effects are seen in all life forms; plants, animals, insects, microbes. In humans, we have clear evidence of cancer now: there is no question We have evidence of DNA damage, cardiomyopathy, which is the precursor of congestive heart failure, neuropsychiatric effects...5G is an untested application of a technology that we know is harmful; we know it from the science. In academics, this is called human subjects research.” – Goldberg

Mahalo for your time, here is her full testimony :

Video <https://www.youtube.com/watch?v=CK0AliMe-KA&fbclid=IwAR3gq3BL3fl8u3lF7hh3eEtFZ4nwRNmvZZSp6DlwX-3gRD2cpCmOk0ALBp4>

In writing: The Dangers of 5G Wireless Technology

Wireless radiation has biological effects. Period. This is no longer a subject for debate. When you look at Pub Med and the peer-reviewed literature and these effects are seen in all lifeforms, plants, animals, insects, microbes. In humans we have clear evidence of cancer. There is no question. We have evidence of DNA damage, cardiomyopathy, which is the precursor of congestive heart failure, neuropsychiatric effects. So 5G is not a conversation about whether or not these biological effects exist. They clearly do. 5G is a conversation about unsustainable healthcare expenditures.

EMF Radiation and Diabetes

Why do I say this? We've been sitting on the evidence for EMR and chronic disease for decades. And now we're seeing all these epidemics appearing. So diabetes is the first epidemic. I think most of you know the statistics, they're very scary. 1 in 3 American children will become diabetic in their lifetime and if they're Hispanic females, the number is 1 in 2. So what does this have to do with wireless radiation? Wireless radiation and other electromagnetic fields, such as magnetic fields and dirty electricity, have been clearly associated with elevated blood sugar and diabetes. That is what the Peer-Reviewed Literature says. It is not opinion. The closer you live to a cell tower, the Higher your Blood Glucose. That is based on hemoglobin A1C measurements. So the idea with small cells of putting the cells closer to people's homes and bedrooms scientifically is very dangerous. And from an economic perspective, it's dangerous. And you may not know this, I was shocked to find this out, but the way you create a model of diabetes in rats in the lab is by exposing them to 2.4 GHz. And this is not for long term exposure. I don't have time to talk about the costs, but the huge problem with diabetes really is chronic kidney disease. End stage renal disease – the worst complication of diabetes – leads to hemodialysis. Hemodialysis is an automatic qualification for Medicare and if you don't qualify for Medicare, we still have to dialyze the patient, and the state ends up paying in many different instances. So renal failure is 1% of Medicare, but it takes up 7% of all Medicare expenditures. I don't have time to talk about this anymore, but once again the other epidemics that clearly link from the science with electromagnetic radiation are related to mental health.

Scientific, Peer-Reviews Research on the Dangers of EMF

And this is straight from PubMed (our national library of medicine, where you would go for peer-reviewed literature) and this isn't my opinion, this is science. So we have three epidemics that clearly they're essentially one epidemic. We have deterioration of mental health in the United States. And if you look really at the science, what does it show? And these epidemics are suicide epidemic, epidemics in violent crime, so shootings, and the opioid epidemic. This is in the peer-reviewed literature. These are facts. These are things that have just been glossed over by the wireless industry.

We need to examine our epidemics in the context of our EMF exposures. What does that mean? That means that the CDC should be tracking these epidemics. The CDC needs to start measuring how much radiation people are being exposed to before we roll out 5G. There are four kinds of electromagnetic fields that we know are harmful to human health. Radio frequency radiation, magnetic fields, dirty electricity, and electric fields. Our exposure, any given person, and all humans are affected by EMFs, are given exposure, has nothing to do with the research that my colleagues are going to site with the national toxicology program. That is an assessment of the risk of one cell phone in

the near field. What is our exposure in a day? It's not one cell phone, it's cell phones, it's multiple wireless networks. It's smart meters, it's cell towers, it's this sandwich and it all adds up. And this is a serious problem for occupational health, public safety and personal safety. And I feel that it's irresponsible to be even talking about the Internet of Things (IoT) and rolling out a new, untested technology, when we're not even measuring what are our current exposures from the current networks.

I got interested in electromagnetic fields after my administrator at the University of Miami gave me a new iPhone. I used it for 20 minutes on speaker and my, my finger was burning at the end of the call. That was years ago. I started reading about the science and connecting with other scientists and really my expertise, I've taken care of a lot of patients with chronic disease. So when I talk about diabetes and for instance heart failure, that the national toxicology program shows clear evidence of cardiomyopathy in that study. In other words, that's a precursor to congestive heart failure. This is from the United States renal data system, healthcare expenditures for persons with chronic kidney disease: "Over half of the 2015 medicare spending for beneficiary is age 65 and older was for those who had diagnoses of CKD, diabetes Mellitus or heart failure. All three of these conditions. When you look as an independent scientist (not someone who's funded by wireless) all of those three conditions are linked." So diabetes and heart failure are linked with EMF exposures there. It's very clear.

American Cancer Society and Harmful EMFs

What are we to make of the American Cancer Society (ACS) telling us there's no evidence of a harmful product? Well, at this point there's a national and international 5G appeal that thousands of people have signed. The point is, many of these organizations have conflicts of interest. I don't know who's on their board who made these decisions. I've been reading this literature for years and really I got interested in it because I've spent my career taking care of so many patients who are sick in the hospital. And when I found out about the links, I was just shocked. I couldn't believe it. So I've read these articles myself and the experts who don't work for telecom and who are in their independent research, everyone comes to the same conclusion. We're not in a place where we should be debating this anymore.

This is exactly what happened with tobacco. It's the exact same thing. And really right now the only people protecting the only people who are able to protect Americans are our legislators, because we don't have any relevant, regulatory guidelines to protect human health. The FCC guidelines were developed for short term exposures, 6 minutes, 30 minutes depending on a phone or outdoor exposure and they have absolutely no connection to the biological effects that have been very clearly summarized in the bio initiative. That's a huge document generated all of the summaries are there. There are very concise summaries and abstracts documenting everything that I'm saying.

In academic medicine we have a name for what's happening now with 5G. This is called an untested application of a technology that we know is harmful. We know it from the science. In academics, this is called human subjects research. Human subjects research is very tightly regulated. You can't just roll out some type of a research project on human beings unless A) you have their informed consent, so they understand the risks and benefits, and B) you have the approval. Like someone is actually examining

the literature inside and saying, "This research project, we believe that it's safe. There's no evidence in the science to indicate that it would not be safe." We have decades of evidence to show that it is not safe.

The Importance of Evidence-Based Medicine

One of the things that I taught in medical school is evidence based medicine; teaching medical students and residents how to critically evaluate the literature, the science. And one of the first things that you teach residents is that you always have to look at the funding. You can read about it. Marsha Angle, the editor of the New England Journal just wrote a great op Ed in the New York Times about researchers who are funded by private industry. The results of their research are much more likely to support whatever it is that is being funded.

Some people are asking, "What is the amount of EMFs that an individual could be exposed to if these small cells are installed, and what is the prediction of how much EMFs the human body would experience?" The answer is that no one's measuring, and that is the problem. Your exposure will depend on what you do in a given day. So if one cell phone causes cancer, clear evidence of cancer, DNA damage, heart damage, well what happens if you work at an airport? What happens if you work in a stadium where there are 100,000 people coming to watch a football game and everyone's using their phone at the same time? The problem is that we have a very, very systematic, clear, empirical way to measure these exposures. And it's a discipline called building biology. There are certain situations relevant to public safety where we really do need to be measuring with firefighters, with airline pilots. Because when you activate microwave radiation inside an enclosed metal space, you get amplification, you have increased power density. So think about an airplane, everyone's with their devices. Every device is emitting radiation and the access point is right next to the cockpit usually. So what does this do to pilots? What does this do to firefighters? We already have a submission to the FCC from Susan Foster about firefighters that were unable to function in the line of duty. This is from 2013, after exposure to a cell tower that was put up near their station and they also have two way communication devices that they wear. So we have to measure these exposures. That is the start. And not go ahead and roll out a whole bunch of Internet of Things with more like more devices that we're not even measuring what we're exposed to now.

Toxicology and Health Effects Of Electromagnetism

Paul Heroux is Professor of Toxicology, Electromagnetism and Health at McGill University. Dr. Heroux Directs the McGill Occupational Health Program. He is a toxicologist who holds a PhD in Physics and began his career working for industry studying health effects of electromagnetic fields and radiation. Professor Heroux currently teaches toxicology and is considered an expert in the field of electro biology, having authored several textbooks. He has extensive teaching and research experience with the biological effects of electromagnetic radiation.

"I want to tackle the subject of insurance. You know that neither Lloyd's of London, nor Swiss Re will underwrite liability policies for electromagnetic radiation because they think the health risk is too great. In other words, they believe that when the lawyers get involved, and I know many of them, the companies who deliver this radiation to the public could be wiped-out... The environment has to be cleaned-up of electromagnetic

radiation progressively, not augmented in radiation. Electromagnetic radiation has repeatedly been linked with cancer in animals...”

I could include so many more credible statements but please do not give taxpayers money to fund the deployment of wireless infrastructure and more of the health crisis we are seeing.

Mahalo,
Sunniva Maguire

LATE

SB-2527

Submitted on: 2/4/2020 8:48:16 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Mike Wong	Testifying for Keep Your Power	Oppose	No

Comments:

NO I don't want my tax money used for more cell towers and antennas.

FCC regulations hasn't been updated since 1996. These cell towers are a environmental and health hazard.

Please oppose SB2527

LATE

SB-2527

Submitted on: 2/4/2020 10:13:11 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Cassandra Korte	Individual	Oppose	No

Comments:

I do not consent to our tax money being used for the installment of toxic wireless radiation through cell towers, antennas and small cell facilities. Installment of these wireless infrastructures is against our constitutionally guaranteed right for public health and safety. I do not consent to the inescapable cloud of electromagnetic radiation pollution that results from wireless infrastructures. Please acknowledge that other cities in other states are taking down cell towers and refusing 5g for the negative health effects already being experienced, and that have been extensively researched. Please oppose bill SB2527!!!

LATE

SB-2527

Submitted on: 2/4/2020 10:13:36 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Jessica Mitchell	Individual	Oppose	No

Comments:

LATE

SB-2527

Submitted on: 2/4/2020 11:13:23 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Steven Forman	Individual	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to our tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small cell facilities.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this human experiment.

Please oppose SB2527.

Thank you for your consideration.

Steven Forman

LATE

SB-2527

Submitted on: 2/4/2020 11:14:29 PM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
karen ramos	Individual	Oppose	No

Comments:

You are trying to sneak through 5G. It's dangerous and can be used as a weapon, burning persons skin and eyes. Do you trust our government with 5G?

Once again you will be siding with Verizon/Spectrum against the people. You have done enough to destroy the Islands with pesticides, pollution, your trying to sell our water on Kauai. I DO NOT want any of my tax dollars spent on broadband. Stop corporate America. I do not want people or our environment experimented on. We are not guinea pigs!

Oh yes! Safety? How quickly we forget our "government "also deemed safe: DDT, Abestos, Mercury, Lead, Dioxins, Smoking. Agent Orange, etc., need I say more?

Tom Wheeler: Head of the Wireless Industry donated \$700,000 to Trump's campaign. And one, yes, one month later was nominated for FCC Chair.

Surprise! Tom Wheeler is now FCC Chair. Oh yeah, I'm sure he has our safety in mind. What a disgusting person. If you have enough MONEY you can pick your own job. Screw the people.

How much MONEY have each of you received personally or your campaign from the wireless industry? Verizon/Spectrum are already being sued for not protecting the public from wireless 2B radiation. Now they want immunity and our Tax Dollars to pay for 5G - No way!

If Verizon/Spectrum (Kauai Elec. smart meters) spent millions of \$\$ on their towers and other equipment too bad, they should have consulted the people before they spent the money. Why are they so sure it's a done deal? Because this "game" has worked before, spend the money on towers and equipment and then the Legislators will pass it because they already spent the money?

It's still OUR Country isn't it? Or is it?

I suppose all you Legislators want immunity too. HA! Legislators and our so called State Health Dept. will be held accountable this next election for the public health and Tax dollars.

Karen L. Ramos

LATE

SB-2527

Submitted on: 2/5/2020 12:17:17 AM

Testimony for TEC on 2/4/2020 2:45:00 PM

Submitted By	Organization	Testifier Position	Present at Hearing
Brigitte Otto	Testifying for KeepYourPower.org	Oppose	No

Comments:

Honorable Chair and Committee Members,

We do not consent to tax money being used to further the proliferation of toxic wireless radiation from cell towers, antennas, and small-cell facilities. Tax money should not be used for anything that can cause harm.

We claim our constitutionally-guaranteed right to safety. We object to the surveillance risks, cyber-security risks, environmental risks, economic risks, sovereignty risks, and health risks of wireless infrastructure.

We do not consent to the inescapable cloud of electromagnetic radiation pollution produced by wireless infrastructure.

We do not consent to participating in this experiment on humans, other animals and nature.

Please oppose SB2527 and consider fiber to the premises instead. It is even faster and, above all, much safer and more secure. It protects property values and privacy, both of which cell-phone antennas jeopardize.

Thank you for your consideration.

Brigitte Otto