

Richard Onyejuruwa

Ithaca

While i understand that the city faces a number of issues I want to remind and follow up on the matter involving Investigator Barksdale. May I know if the city has any updates on how it will proceed or where matters current are, with respect to the information that can be made available?

With Cornell being a strong contributor to making test available, with students from both Ithaca College and Cornell returning to campus this fall, is the city prepared to provide medical service should an out break takes place? I believe there are about 170 cases in Tompkins county so far.

Lastly, recently the board of public works met and discussed essentially its existence and role moving forward. The conversation has moved forward to committee levels. Ultimately, one can assume that the matter will come down to council deciding whether to dissolve the board, change its operations in specific ways, or increase funding and staffing for it administrative operations. With regards to increase in funds and staff, does council believe it will prepared to or likely to increase funds and staff toward this board?

Jacob Seegers

Ithaca

5g is a way lower energy than visible light. If you made a system that focused 5g at people, like the military has, it would feel warm, but that's all it could do. This system is akin to using a giant magnifying glass. If you're afraid of 5g, then you should be afraid of street lights, because they emit higher energy frequencies. In fact when streetlights were introduced people thought they would cause madness.

5g can't penetrate rain, and therefore, It definitely can't penetrate skin. People in this community experience symptoms of electromagnetic sensitivity. It's not a testable and provable disease, but since they believe in it, it causes pain for them.

That's the real problem here.

Todd Smith

Ithaca

Please do not allow Cornell to reopen this fall. When fall semester starts up each year, our city is full with students and parents from all over the world. By allowing Cornell to reopen, it puts our surrounding communities in harms way. An unnecessary risk. While I understand that they're doing testing, the risk for folks in Ithaca is too high. Students will find ways to party on the weekends. Places like stores, buses and streets will become overcrowded. How are folks in town suppose to get to work if a bus is full? Buses can't run at full capacity at the moment. This will be a problem. Grocery stores have a limit on how many people can be inside. With the increase of students, folks who live here will need to wait just to get basic food items. When we shut down the first time, It took us a while before items were back in stock. Some items haven't been available since before the shutdown. With the increase demand, it will

overwhelm our stores, our community and it will cause our community additional stress. We can't afford to shut down again. Ithaca has done a good job of reducing cases. I also don't agree with Cornell reducing employees salary. That hurts our community. Seems that they are cutting back and increasing spending on covid expenses just to reopen and make money vs taking care of our community and the employees who are our neighbors and friends. They should go fully remote as these students can learn remotely until spring 2020 or bring back less than half of their students.

John Horn

Ithaca

Thank you to all for the work you've done for our community.

I would like to provide feedback. Regarding zoom, friendly reminder to mute yourself and unmute as needed. That way we can see who is talking. If you don't have a good connection, you can always call in for audio and connect on the computer via zoom for video. Zoom has many features including raising your hand. Please take some time to review these features as they may prove to be helpful. I recommend for you to look into zoom webinar. It allows for CC members to become panelists having full control and allowing the public to attend as attendees (having no control, can't speak or show video). Public can communicate by the chat or Q&A chat. The panelists can give and take permission for the public to speak and show video if necessary (public comment section).

*Off the record - For Alderperson Ducson Nguyen, we have trouble hearing you on YouTube. Not sure if it's your mic but I wanted to make sure you were aware. Thank you for all you do and for keeping us posted via Facebook and Twitter. I recommend for everyone to check the past recording to make sure your audio is coming through clearly.

*Irginia Miller

Caroline

I own property in Ithaca. I am very concerned about bringing 5G here. I worry that not enough research has been done to assure the safety of the technology. I worry about the aesthetics of the installations. And I don't see the need to rush into something that is not proven to be needed. Are you trying to convince people to move here because we have advanced technology only for them to be possibly harmed by it. We don't need it anymore than other towns or countries that have reconsidered it after careful thought to the benefits versus dangers. We must be more knowledgeable about something that has such powerful negative potential. I'm surprised by this Council's lack of transparency. It feels an awful lot like what's going on at the federal level. Stop and listen to the people you work for. Please.

Rosie Grady Sayvetz

City of Ithaca

Hello, my name is Rosie Grady Sayvetz, I would like to address to you, our council members, my concerns regarding your decision to install a 5G network in Ithaca. It is my understanding that there is a lack of evidence supporting the safety of this latest technology, and it is upsetting to me to think that my own city government would consider implementing such a system without CONCRETE PROOF of its safety for all the residents of this town. I urge you to stay your decision to roll out 5G until there has been sufficient evidence provided that it is in fact NOT harmful in any way.

Thank you for your time and consideration.

Chris White

Town of Ithaca

I am opposed to the installation of a 5G network in Ithaca because of the health risks, antennas everywhere, downtown aesthetic, ecological impact, property values declining, federal government overreach, can't guarantee safety, lack of added benefits of 5G, privacy and surveillance concerns, etc.

I ask the Council to follow the lead of other places around the country and world and stop 5G in Ithaca, hold a public forum on the issue before deciding, listen to your constituents who don't consent to the exponential increase in involuntary radiation.

Brooke McNally

City of Ithaca

I am a resident in the neighborhood that has been identified as a place to install 5G towers

I, and my family are opposed to the toxic repercussions and deadly harm emitted from the radioactive elements of this particular technology

And do not want installation of 5G!!!!

Sheila Out

Ithaca

Dear Common Council Members.

While I've already addressed my concerns directly to my two Council Members, I wanted to provide an official comment here.

Even if my concerns about health risks from the radiation were unfounded, I have another concern that's less "controversial".

5G networks enable the service provider to collect enormous amounts of data on the users, infringing on privacy and making it easier for government entities to spy on citizens. In Portland, OR, such data has been abused by allowing unidentified forces to track and kidnap protesters.

Please hold a public forum and listen to your constituents' concerns.

Christy French

City

5G has not been adequately studied for health and safety. The levels of radiation that 5G emit are well beyond the range known to be cancer causing. 5G will not only potentially harm the residents of Ithaca, but also YOUR families. If 5G is really just about faster internet, what's the rush? Why not take time to adequately study it? Why not take time to listen to professionals in the scientific community who view 5G as a health threat?

It's about time that local government do it's job in representing the people who elect them, rather than representing corporate interest.

For a city that claims to be "progressive" and "anti fascist", Ithaca sure seems to be "progressing" toward fascism and totalitarianism.

I would recommend that anyone who cherishes their health and medical freedom should head for the hills.

Those of you who have been bought out should hide your heads in shame. Listen to the people of Ithaca who elected you, or vacate your position immediately. The people are rising. What side will you choose?

Brion Scimae

town of Ithaca

Dear Council,

I live in the town of Ithaca and and work in the City. I would like to write to express my concerns about the implementation of 5g in Ithaca. There is truly no need for this new technology in Ithaca at this time as 4g provides the coverage in the Ithaca area that is needed. It will not increase broadband connectivity and will exponentially increase involuntary radiation for the residents. 5g tech does not penetrate walls trees. Once this gets implemented and the investment is made, how many trees will have to come down or be severely cut back in order to allow the penetration of 5g. As someone who appreciates urban environments I would say that trees are essential to the quality of life for residents and workers in a city. They provide an aesthetic which nurtures the human spirit, provides shade, oxygen and humanizes the built environment of cities. I would urge the city to take the extra step of a full study to determine the impact of the urban forest and its subsequent impact on the quality of life in our beloved and green city.

I would urge you to keep our exposure to this unnecessary radiation to a minimum. The tech companies behind 5g literally own our media and the minimal studies that have been done have been unduly influenced by the money and agenda of these big corporations. Please take the time to look deeply into this issue and consult knowledge and unbiased science.

thank you

Brion

Laurel McIntyre

Ithaca

Greetings,

I am grateful for the thoughtful and informed determination of people who are wisely cautious about 4G and 5G. We living beings are already bombarded with enough stress and toxicity in our lives. Our immune systems need nourishment not 5G. Please do not allow it in this community until it is proven safe.

Thank you!

Devon Buckley

Town

I have left comments here every time you all meet to discuss the plan for 5G, which I pray becomes stalled until we the people can be proven its safety. Hawaii has banned it until proven safe. Ithaca can and should do the same. I see our community expanding, but if this decision becomes a detriment to what makes our area so beautiful...young families and nature, we will have made a very poor decision for our future. Please pause on this move until we can be certain the health risks associated with this radiation exposure are false. DO it for the people who have made this town a place to be! And especially the children and our environment. 16 years I have spent protecting children from over-stimulation of radio frequencies. IF there are small cells destined to face my home of 13 years, I would be very disheartened. Please consider our voices.

Lisa Bertuzzi

City of Ithaca

I urge the Ithaca Common Council to follow the example of cities around the country and world who are rescinding 5G. It would be the wrong decision for a City such as Ithaca not to do everything in its power to maintain its authority as an independently-minded City with great thinkers and innovators. Let's look to alternatives to 5G, ones that support Ithaca's economy, environment, culture, and health. I'm

confident that it's not Council's intent to play Russian Roulette with the health of Ithacans. Please heed our knowledgeable and educated public concerns. Thank you.

Amanda Kirchgessner

Ulysses

To Duly Elected Public Officials,

I am deeply disappointed in Common Council for failing to halt the rollout of 5G without allowing the public an opportunity to weigh in on such potentially dangerous development. There is a reason cities and towns across the US and globe and even some entire countries have said "No" to 5G rollout. I've been told 80 plus comments against 5G in Ithaca aren't enough. Well what do you expect in the midst of the worst health, social, and economic crisis in generations? Do you feel it is appropriate to enter into contract with a multinational corporation when the public is entirely restricted from fully engaging with the process to begin with? Have you seen the recent Reuters article about how Lockheed Martin needs 5G for unmanned tanks? Please think about what Pandora's box 5G rollout is opening. I have heard countless reasonable reasons for you to slow this process down and just as many to stop it completely. At the very least, you have the power and responsibility to wait until public meetings have resumed to normal participation before moving this matter forward.

Do the right thing. 5G moratorium now.

Respectfully,

Amanda Kirchgessner

Marilee Murphy

Ithaca

I work full time in the City of Ithaca as the director of the Cancer Resource Center. I am concerned about the rollout of 5G in our City for a number of reasons. I realize there are arguments supporting both sides of the science related to safety and the issues ARE complex. However, there is enough data to warrant concern and to warrant holding off until more information is available. At a minimum, a proper public forum should be held. Something this widespread that essentially takes away citizen's choice related to their exposure should be done with much more care than has been demonstrated thus far. Thousands of satellites are being deployed and small cell antennas will be placed in our neighborhoods, with no choice regarding their placement. We have no long-term testing of the biological and health effects of mm waves, yet we are going to expose the entire planet to these frequencies. Does this really make good sense?

A publication in 1971 cited over 2000 papers on the harmful effects of microwave radiation.

More recently in 2015, 248 scientists from 42 countries signed an international scientist EMF appeal that was sent to the World Health Organization and the United Nations Environmental Program with warnings about exposure to microwave radiation.

Medical academies are warning that guidelines are inadequate to protect children against radio frequency radiation. Various governments around the globe are banning Wi-Fi in schools and are hardwiring schools with fibre optics that is faster, safer and much more secure than Wi-Fi.

Given the lack of demonstrated safety with such widespread exposure, it ends up being fairly simple. The Nuremberg Code is part of the International Humanitarian Law that states, "It is unethical and illegal to perform experiments on humans without their informed consent." According to this law, 5G should be illegal as people and communities such as ours are not giving their informed consent to be exposed to this radiation.

Lloyd Katz

Ithaca

I strongly urge you to vote against bringing 5G to Ithaca.

Elizabeth Salon

Ithaca

As a health care provider, x 40 years, past vice-president and president of the Ithaca Health Alliance board, and co-founder of the Ithaca Free Clinic, I am active in our community, well versed in and very strongly opposed to 5G in our area! The faster speeds and other "benefits" of 5G DO NOT outweigh the risks. The risks are enormous. The physical damage it does cannot be escaped by humans or wildlife. We need your protection to prevent this from coming here. Thank you for listening!

Leeonne Loveless

Ithaca

I would like more information about 5G installation and the health impact, I would like to know what our city is doing to provide information to our citizens. Thank you

Rita Boratav

Ithaca

Dear Ithaca City Common Council Members,

I am writing once again to ask you to at least PAUSE and/or refuse to accept 5G infrastructure in Ithaca. Did you know that Robert F. Kennedy Jr.'s organization, the Children's Health Defense Fund, just filed a lawsuit against the Federal Communications Commission (FCC) related to its irresponsibility in overseeing and regulating wireless technology? From the CHDF's website: "The case is challenging the FCC's refusal to review its 25-year-old obsolete wireless "health guidelines" and to promulgate

scientific, human evidence-based radio frequency emissions (RF) rules that adequately protect public health."

https://childrenshealthdefense.org/child-health-topics/known-culprit/electromagnetic/chds-stop-5g-and-wireless-harms-project-monthly-summary-july-2020/?itm_term=home

Please do the right thing and protect Ithacans from this technology.

Also, to any council members who frown upon form letters, if someone writes to you using a form letter, there is nothing wrong with that. That person writing a form letter is taking the time to show that they care about this issue. Some people are not natural writers and need a form letter. Please respect all letters, be they form letters or otherwise.

Regards,

Rita Boratav

First Ward Resident

Stuart Merson

Ithaca

To whom it may concern,

I am a long time resident, homeowner, and concerned citizen of Ithaca. When I first learned the installation of 5g would lower property values I became concerned. I have since learned of the possible adverse health affects this new technology may bring with it.

Numerous medical and scientific professionals agree more research is needed if this technology is to be proven safe and many places around the world have rescinded the rollout of 5g in their communities for this reason.

I am asking council to be as prudent as these other communities and rescind the installation of 5g in Ithaca until it can be proven safe.

Thank you

Carl Gibson

Town of Dryden

As someone who works and shops and owns a rental house in the City of Ithaca, I strongly urge the Common Council to prevent the further proliferation of 5G in Ithaca until it can be conclusively shown to be safe. Please do what is right for your constituents. Given the information that we have right now, this is a technology that offers very little upside and a huge amount of downside. And there is absolutely no need to rush into it. We can sit back for a few years, and watch how the science develops. Right now, an overwhelming portion of good science shows it to be extremely dangerous. If that changes in the future,

then we can change our policy in the future. However our best current science leads us to the inescapable conclusion that allowing widespread 5G into Ithaca would be a horrible mistake. Also once we allow it in, if we later realize we don't want it, it will be almost impossible to get rid of. Should Council decide to adopt 5G, I will avoid downtown as much as possible, and take my dollars elsewhere.

Sincerely,

Carl Gibson

Rebecca Holland

Ithaca

I respectfully ask that the common council reverse the approval of the Verizon Master License to install small cell 5G radiation towers. I am especially concerned for the children that will be subjected to an INCREASE amount of radiation since 3G/4G radiation will continue at the same amount while 5G radiation will then be ADDED to this. The American Academy of Pediatrics is one of many medical organizations that is calling for federal action to protect children from wireless radiation. For example, the American Academy of Pediatrics webpage on Cell Towers states:

An Egyptian study confirmed concerns that living nearby mobile phone base stations increased the risk for developing:

- Headaches
- Memory problems
- Dizziness
- Depression
- Sleep problems

In fact, the American Academy of Pediatrics (AAP), our largest organization of children's doctors, has repeatedly written the US government that current regulations on cellular radiation are outdated and non protective for children and pregnant women. "Children are not little adults and are disproportionately impacted by all environmental exposures, including cell phone radiation. Current FCC standards do not account for the unique vulnerability and use patterns specific to pregnant women and children. It is essential that any new standard for cell phones or other wireless devices be based on protecting the youngest and most vulnerable populations to ensure they are safeguarded throughout their lifetimes.

The World Health Organization classifies EMFs as a "class 2b" carcinogen, the same classification as lead and asbestos.

Please re-think this decision for the future of our children.

Thank you.

Adam Posey

Ithaca

To common council,

After a few years away from Ithaca my family has decided to return; we love Ithaca and decided it was the best place to raise our family. When we learned of Ithaca's plans to install 5g we were very disappointed as this is the kind of reason we are leaving NYC. We are asking that council reconsider their decision.

Thank you

Patricia Shea

City of Ithaca

With the information that I have acquired 5G cell towers a negative impact on property values, while not bringing a comprehensive communication system to a community. More important are health factors that studies show possible cancer risks/DNA damage. Thank you. Pat Shea

Lisa Margaret

City

5G has been proven to cause great harm and has a negative effect on children's developing brains causing physical and cellular harm. We already know radiation causes harm. So who benefits from 5G? Is it worth the harm this will have on the people in your town? And if you allow 5G after you have been shown the scientific research, then are you ready to be accountable for not taking the right action for the people and children in your community?

Kelli Farrell

Ithaca Tompkins country

5G doesn't seem necessary & may be unsafe. Please, reconsider having it in our safe town

Allison DeSario

City of Ithaca

I am writing to express my hesitation about implementing new 5G technology and increasing the amount of 4G antennas throughout our city. I fear that there has not been enough studies proving the safety of this technology and the fact that it is not even necessary, since there has yet to be a proven lack of coverage assessment done by Verizon, makes it a foolish and risky move for the Council to take.

This technology has been shown to have harmful effects on living organisms. This is not a conspiracy theory as some of you have stated in order to brush the issue under the table. I am appalled that those of you who have done this did not take seriously the concerns of your constituents- all of whom have written in with valid thoughts and concerns.

I hope that you all have done ample research into the statements and advice given by Andrew Campanelli at the Town forum and that you will consider following the lead of other communities around the country and world and stop 5G in Ithaca. Thank you for the work you are doing for our community.

M Blodgett

Ithaca

5G rollout is, simply put, not safe. It carries major long term health risks, at a time when we need to be minimizing our health risks, not maximizing them. Let's keep Ithaca safe, until and unless the risks have been addressed!

April Peress

Newfield

I'm a longtime community member, and I am concerned about the possibility of Ithaca installing 5G "small cell" antennas. Ithacans don't want a cell tower antenna on utility poles on every block outside our homes, blasting us with constant microwave radiation.

The published science is clear that EMF radiation causes harm to humans, animals, birds, bees, and trees. 5G would increase our current level of radiation exponentially. Who is going to pay our medical bills when we get sick from the 5G antennas? Hundreds of scientists around the world are calling for a moratorium on 5G because it's too dangerous. Let's have Ithaca be on the right side of history and keep 5G out of our city.

Irina Peress

Ithaca

I am dismayed to see how Ithaca's government is ignoring citizen voices calling for No 5G small cells. You work for the community, not for the approval of your colleagues. Many cities have said no to 5G due to environmental, economic, and health concerns.

Your hands are not tied as the city attorney falsely told you: You can ban 5G! What is the harm in rescinding the approval of 5G so that we have more time as a community to examine this issue? Why rush this dangerous technology into Ithaca now when we're struggling with an economic collapse and a pandemic? Let's work together to protect Ithaca from predatory Telecom companies!

Samuel Townsend

Ithaca ny

5g is harmful to not only the environment but human beings in general fiber optics is safer and superior

Vanessa Wood

Ithaca

Hello, I am a longtime Ithaca resident (16 years) and I love living here. I implore you to not be hasty with making a decision on 5G. Despite what sensational narratives say about those simply wanting more information, this technology is new and the science is mixed. We haven't seen enough independent science, and there are possible dangerous unforeseen effects. It is not worth it to rush it through when there is no actual pressing need for life and society to have it at this point. On the contrary, if life or health for us or the environment is at risk, we will all be exposed with no choice to opt out besides leave. This discussion has been going on for a while, and I still have not heard a single compelling reason why we need to rush this through. I am taking a lead from local indigenous people who I know and pushing for caution. As people who are making a decision about other peoples lives and community about something which they will not be able to avoid, I certainly hope you are taking this very very seriously. Thank you.

Respectfully,

V Wood

Carol Chernikoff

City of Ithaca

I am concerned about the 5G cell towers mostly for health risks. There are no guarantees about safety of the towers, especially long in the long term. Please follow the lead of other places around the country and do not rush into allowing 5G in Ithaca. Please hold a public forum on the issue before deciding. Thank you, Carol Chernikoff

David Gallahan

City of Ithaca

The evidence is building that 5G technology is hazardous to our community health.

We must face the fact that the FCC is a captured agency, that it is not doing its job of protecting our health. At this point the biggest hope for our community health and for our property rights (the right to not have harmful levels of radiation crossing onto my property) lies in the cases against the FCC that are making their way through our court system. Ithaca must join the growing movement among local

governments (such as the island of Hawaii) to stop deployment of 5G. We should be in the forefront of this movement and join together with other municipalities that are showing us the way.

You as a council person must take this responsibility seriously and do your best to turn this tide. Do not wait until one of your loved ones is terribly harmed by RF radiation, accept the reality that many of your constituents and their loved ones have already been harmed.

We need community broadband in a wired system. We have no good human reason to deploy 5G here.

The big issue is not about the Design Guidelines-- unless we choose Guidelines specifying that no harmful radiation will cross onto the property of anyone that objects to such radiation.

There are a lot of studies out now, here is the link to one piece in Scientific American that is worth reading if you haven't seen it yet:

<https://blogs.scientificamerican.com/observations/we-have-no-reason-to-believe-5g-is-safe/>

Thank you

Lennessa Trent

Willseyville

As a local business owner, parent and community member I am writing to demand the decision to permit 5g installation be reversed and our community and children be protected from this potentially harmful technology...

Deserie Quinones

Ithaca

I do not consent to 5G technology. It is a known military grade weapon. Not to mention 2G has been proven dangerous!! 5G is unacceptable! And I am speaking up about the world we leave for all future children. I am a grandmother, and it grieves my heart to action on their behalf.

Carmeo Rome

City

I leave in ithaca for 13 years I am a mother of 2, I am extremely disappointed council Members are not seem to be interested in the safety and well-being of our community - 5g is a dangerous technology - plenty of independent Scientific research are suggesting that!!!other towns and countries stopped 5g in order to protect there people -why you wont protect our children here in ithaca????? We DONT need 5g!!!There are better and safer options like fiber cable!!! Our health and well-being depend on your shoulder and on your conscious!!!!

Aria Tiphereth

Ithaca NY

I am not at all in support of the 5G network being installed until further testing shows that it is completely safe.

At this point there is evidence that it is not safe, as many places have banned it altogether.

It would be a shame, and without integrity, to move forward with something so controversial, which many Tompkins county residents are not in support of.

Mike Marsh

Willseyville

I am a father of three and feel 5g is unsafe for the well being of children.

Amanda Moretti

Ithaca ny

hello , I live in Fall Creek and am against 5g. I just read an article in Scientific American that describes the dangerous effects of many antennae and radiation. There are many scientists warning the world ! and concerned people like myself. Thank you for listening to your community.

Amanda Moretti

Noel Blatt

Ithaca

What research has the council done on the effects of 5g. Including short term and long term symptoms. Please respond with what articles periodicals, YouTube talks, or any other information that you feel pertinent to make an informed decision about adding 5G to etiquette. This is a discussion that should not be made lightly as we are about to radiate all of our schools and neighborhoods with this toxic waveform.

Melissa Walters

Town

Please stop the roll out of 5G in Ithaca as we are still not fully aware of its ecological impact or the effects of the exponential increase in radiation.

Bert Scholl

Ithaca

I'm writing you because it is my understanding that the Council is voting on whether to go forward with the installation of 5G in our community. I understand you have taken time to make your decision carefully and in the best interest of our community and I thank you for that. My wish is that the city of Ithaca only approve 5G only if you are absolutely certain without any question that there are no possible health risks to our families and children. There's no need for the community to hurry into it. If there is the slightest possibility of harm as a result of the installation of 5G, I ask that you vote to postpone installation and continue research of any potential health risks to our families and children before approving the installation of 5G in our community.

I appreciate your dedication to our community, especially at a time like now as there is far more on your plates than you may have hoped to sign up for.

Thank you again for your consideration,

Danny Fox

Ithaca

The resolution (item 3.3 approved on May 6, 2020) authorizing approval of a Master License Agreement for Small Cell Facilities with 4G and 5G capability in Ithaca) needs to be rescinded. For the health of ourselves, our neighbors, and their children, we must not allow this technology to be installed in Ithaca's neighborhoods. A prominent building biologist has been measuring Radio Frequency Radiation (RFR) power densities of up to tens to hundreds of thousands of $\mu\text{W}/\text{m}^2$ in client's homes in neighborhoods where new small cell 4G/low band 5G Hybrid antennas have been installed (<http://www.createhealthyhomes.com>). Accumulated research shows these levels of RFR exposure are dangerously high! The consensus of scientists, medical professionals, and building biologists is the maximum exposure to RFR should be less than $10 \mu\text{W}/\text{m}^2$ for sleeping areas and $100 \mu\text{W}/\text{m}^2$ for other areas. Why has the dramatic increase in exposure to RFR from wireless technology been allowed to happen? Wireless technology companies use the current Federal Communication Commission (FCC) guidelines for Maximum Permissible Exposure (MPE) to power densities of electromagnetic fields, which for RFR converts to 10 million microwatts/meter squared ($\mu\text{W}/\text{m}^2$). An appeal to the United Nations signed by 253 scientists from 44 nations calls for protection of people from RFR (<http://www.emfscientist.org>).

I know from experience what the effects exposure to RFR are. I have a condition called electromagnetic sensitivity (EMS) which cannot be cured and can only be managed by reducing exposure to RFR. To survive, I reviewed published research to understand the impact of RFR on our bodies and how to reduce my exposure to it to safe levels. Accumulated research shows that RFR from wireless antennas and wireless devices is biologically active in humans and causes serious human health problems if the power density is too high and exposure is too long. I used my EMF meter to measure the strength of the RF radiation coming from each of the small cell antennas on opposite corners of the Fall Creek School; peak values were as high as $18,000 \mu\text{W}/\text{m}^2$ and average values were as high as $2000 \mu\text{W}/\text{m}^2$.

Within 10-15 minutes of exposure, I had symptoms of EMS, including tinnitus and burning of my airways, and interrupted sleep. That area of Ithaca would be unlivable for me.

Sharon Barbell

Ithaca

I am writing because I have grave concerns about 4G/5G small cell facilities. I am aware of the dangers of this technology for all living organisms. We cannot and should not allow this into our city without sufficient independent safety testing of which, at this time, there is none.

Do our residents know that this technology is being pushed through so quickly? Are they aware of ALL the information concerning 5G or just what they've heard from the industry itself? This does not constitute informed consent. For something so pervasive and health-threatening, the residents of our community must be given the opportunity to decide whether or not they wish to be exposed to persistent, toxic radiation that has been shown in thousands of independent studies to be extremely harmful and sometimes irreversibly so.

There are reasons why no insurance company in the world will insure health claims against telecom companies, the risks are too great. There are currently many lawsuits in progress all over the world, many here in the U.S., against the FCC, telecom companies, and even individual members of common councils. This is not a laughing matter, as more and more people are getting sick from radiation poisoning. Many of these people were perfectly healthy prior to their exposure to 5G.

I urge you to please remove any and all approvals that have been given to Verizon and any other companies involved with the installation of 4G/5G small cell, millimeter wave facilities in our city. Let's put the brakes on before it's too late. Many cities and towns the world over have placed moratoriums or bans on this technology until it can be proven to be 100% safe. We need to do the same thing in order to protect our citizens, animals, and all other life forms. Instead of our city going down the path of destruction and greed, why don't we set an example by making the decision to put our health and well-being above profit and power? We have an opportunity at this moment to lead, to stand up for our residents in every way, and tell the world what our priorities really are. Common Council, do you care enough and are you knowledgeable enough to safeguard the residents of Ithaca?

Kelly Donnelly

Ithaca New York

I visited a friend in Ithaca and loved it. I considered relocating but then I heard the city was moving forward with 5G and changed my mind. 5G is dangerous to human health and fiber optics is much better. I'd prefer not living in a city that bows down to Telecom conglomerates.

Gordon W Ellis

City

Dear Members of Ithaca's Common Council, I was among the close to 100 Ithacans whose letters of concern regarding 5G were read aloud in excerpted form at your last meeting.

Bravo for giving voice to these letters which represent a wave of well founded public concern about the dangers posed by the EMF radiation being used by today's telecommunications industry.

Lots of people have invested time and effort to become informed on this issue, we urge you to do the same.

Once upon a time and for years the cynical Tobacco Industry lined up MDs and celebrities who testified to the benefits of smoking. Today's cynical telecommunications industry cannot convince an internet savvy public that they are offering a harmless product, consequently they have applied huge sums of money to influence legislators and to turn regulatory agencies into their sock puppet shills.

The first thing is to discover truth, truth and love lead to the blessing of a righteous joyful life.

Thanks and Aloha

Gordon

Madeline McCann

Ithaca

5G causes the free electrons orbiting the oxygen molecules in our bodies responsible for uptaking hemoglobin to the bloodstream to STOP spinning! Meaning that it becomes increasingly difficult in proximity to 5G towers to literally breathe. Birds drop dead out of the sky when they fly too close to the towers. Plants perish. I understand that the council is under a great deal of pressure from various social and political interests to serve the 5G agenda, but to choose them is to lose us. We will leave this town and go build anew. And you're all invited. I would love to discuss this matter further if anybody is willing to reconsider.

Sareanda Lourdes

Ithaca

Please stop the rollout of 5G in Ithaca. It is unnecessary, and will, as usual, harm low income and people of color the most. Using rural low income people as an excuse to implement this untested technology is irresponsible. Please research alternative solutions that may safely work to supply internet to rural folks. I was raised poor, conservative, and rural. I don't want this for my people. Thank you.

Sareanda Lourdes RN

Chelsey Kingsley

City of Ithaca

I am a demand that the council reverse it's decision to allow a 5G network to be installed in Ithaca. Words fail to convey the concern, outrage and disappointment that this issue got through to the point that it has to be REVERSED!!

Health EXPERTS have serious concerns about this technology and it's effect on health. There is growing body of EVIDENCE of people suffering from the impacts of exposure to cell tower and high frequency emfs. Please stand up for our community by stopping the installation of small antennas being throughout our lovely city!

I am especially concerned for growing babies, children, and people with compromised immune systems being bombarded with more electromagnetic pollution. Use your vote protect our rights to choose and manage the amount of emfs we expose ourselves and our families to. You were not elected to make health decisions for citizens, the installed network would eliminate our right to choose!!! Say NO to 5G

Dryden's progressive approach of installing fiber network is impressive, surely we could follow their lead and skip this ill advised, UNWANTED, UNHEALTHY stage.

PLEASE, put an end to this, no to 5G!

Chelsey Kingsley

JD Starman

Fort Myers FL

to the City of Ithaca Common Council

I periodically work in Ithaca and I am deeply concerned about the potential health risks associated with the 5G small-cell infrastructure to be deployed in the City of Ithaca.

The FCC has stated that the deployment of 5G will require new small-cell antennas on every city block, directly in front of homes and schools. 5G will dramatically increase our daily exposure to radiofrequency electromagnetic fields (RF-EMF) in addition to the 2G, 3G, 4G, Wi-Fi, etc. The 5G antenna densification plan will lead to a significant increase of involuntary exposure to wireless radiation everywhere.

Cell phones and wireless communications were never premarket safety tested for long-term exposure to humans when they first came on the market decades ago. Now the harmful effects of non-ionizing electromagnetic exposure to humans and the environment are proven. The scientists refer to the fact that "numerous recent scientific publications have shown that EMF affects living organisms at levels well below most international and national guidelines". Since then, hundreds of doctors have signed onto new appeals specifically calling to halt 5G.

A large number of peer-reviewed scientific reports demonstrate harm to human health from EMFs. Effects include increased cancer risk, increased cellular stress, increased harmful free radicals, genetic

damages, structural and functional changes of the reproductive system, learning and memory deficits, behavioral problems, neurological disorders, and headaches. Damage goes well beyond the human race, as there is growing evidence of harmful effects to trees, bees, plants, animals, and bacteria.

After the EMF scientists' appeal was initiated in 2015, additional research has associated serious adverse biological effects of RF-EMF emissions from wireless technologies. The U.S. National Institutes of Health National Toxicology Program (NTP) published its large-scale, \$30 million animal study showing DNA damage and statistically significant increases in the incidence of brain cancer and heart cancer in animals exposed daily to wireless radiation. These findings support the results from human epidemiological studies finding associations between wireless radiation and brain tumor risk.

The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), in 2011 concluded that EMFs at frequencies 30 KHz to 300 GHz are possibly carcinogenic to humans (Group 2B). However, since that date, new studies, including the NTP study mentioned above and several epidemiological and experimental investigations, have increased the evidence indicating that wireless RF-EMF is carcinogenic. In 2019, the IARC announced plans to re-evaluate RF-EMF for carcinogenicity as soon as 2022.

The EUROPA EM-EMF Guideline 2016 states that "there is strong evidence that long-term exposure to certain EMFs is a risk factor for diseases such as certain cancers, Alzheimer's disease, and male infertility.

As the U.S. Dept of the Interior stated, "the electromagnetic radiation standards used by the Federal Communications Commission (FCC) continue to be based on thermal heating, a criterion now nearly 30 years out of date and inapplicable today." FCC guidelines only protect against heating effects (EPA 2002) and ignore the effects of pulse-modulated signals. Scientists have repeatedly found adverse biological effects that are caused without heating at radiation levels far below the limits in FCC guidelines. Replicated research finds memory damage, behavioral problems and tumor promotion from "low" legally allowed levels of wireless RF-EMF.

There are no federally developed safety limits and there is no health and safety agency in the United States with authority to review the research and ensure protections regarding the human health and environmental effects from wireless antennas. Published reviews and studies on the new higher frequencies to be used in 5G call for caution and warn of future impacts that will not only impact humans but also wildlife and especially bees. We are concerned about the health and well-being of those who are most vulnerable: children, pregnant women, and persons sensitive to electromagnetic fields and who have chronic health problems.

We join with the thousands of doctors and health care providers worldwide who have issued appeals for urgent action on 5G to protect public health. The rapidly growing list includes the International EMF Scientist Appeal, Appeal to the European Union, Belgium Doctors Appeal, Canadian Doctors, Cyprus Medical Association, Physicians of Turin, Italy, the German Doctors Appeal, International Appeal to Stop 5G on Earth and Space and the International Society of Doctors for the Environment.

We ask that the City of Ithaca Common Council take the conservative approach to safeguarding our community by voting to suspend any further wireless antenna densification until potential hazards for

human health and the environment have been fully investigated by scientists independent from the wireless industry.

Quinn Kingsley

Ithaca

I vehemently protest the installation of a 5G network across the city of Ithaca.

It is appalling that the city has taken advantage of the inactivity caused by this pandemic to slam through a decision that effects the tens of thousands of citizens who call this place home. This is a decision that should be carefully considered, researched, polled, and then decided upon as a community. Ithaca prides itself on it's forward thinking and innovative practices - but making this decision in order to appease the corporate greed of Verizon is a giant backslide on all of our most closely cherished values.

Our government exists to implement and represent the goals and desires of the people it serves - it does not exist to act in any way it sees fit and belittle the viewpoints and perspectives of it's constituents.

To make a unilateral decision about 5G is a complete violation of the trust our community has instilled in our representatives. 5G is something invasive and under-researched. There is no way for people to protect their homes and families from it, and the majority of the evidence suggests that it does more harm than good. Are you, the city council, ready to take full accountability for the potential health effects the installation of 5G could have? If not, then you are not ready to make this decision.

Not to mention the visual impact it has. If Ithaca is one thing - it is gorgeous. We have a sanctuary of natural beauty here, to install such ugly and invasive technology contradicts one of our most visceral identities.

I call on the city to council to reverse this decision until the community has had the chance to formulate a well researched opinion and voice it. Do not make this decision lightly - as it could have catastrophic effects, not only in the health and well being of the city's residents, but also in the trust and respect that we have for our governing institutions.

Wren Kingsley

Ithaca

Retract the decision of 5-G in Ithaca, this technology is under researched and could impose unknown health threats unto the Ithaca population. Setting up small antennas all over town increases exposure to everyone and this unilateral decision removes the citizens ability to choose their exposure to radiation.

Walter Hartman

Ithaca

Please listen carefully. No more 5G nor further 4G. We see the industry has been doing what they want ahead of decisions with installations. A massive amount of evidence exists showing 3G and 4G has clearly shown deleterious human health effects? 5G is exponentially more powerful, focused, and developed by the military. Listen to us veterans of foreign war and those who know many military weapons experts. Not theories that you take as fact by the industry. Are you just going to take the money Telecom and Verizon are throwing at you? We are holding u liable for personal injury, harm, and illness and we assure you, you haven't any idea what you're doing if you vote for this. And if you do, you will go down on the wrong side of history. The mayor should not have recused himself for a loose family connection and from request by Verizon. NB. I can send you all the credible evidence and compelling data and studies but will you look at it? Or will you look at it after you've made a misguided and misanthropic decision and then hold your head in shame and guilt as to what you've done to your community and family? Note: Please read the comment in its entirety as I have timed it and it is well under 3 minutes and you have not been doing this for us.

Salvador Sarmiento

Potsdam

Regarding the instsllation of 5 G in the city of Ithaca, I believe these new towers to be a health risk. I visit the city often and contemplate moving there. If the city installs the 5G towers it would make me uncomfortable and I believe pose unnecessary health risks to the residents and visitors there without their consent or perhaps without them even understanding the potential hazards. There are many other reasonable forms of communication that are less risky and attained at more than suitable speed.
Sincerely,

Sal Sarmiento

Alan Cameron

Ithaca

The 5G network rollout must be halted pending further studies regarding the safety thereof.

As a parent and concerned taxpayer, I feel that the 5G network raises EMF waves to an unnecessarily high and harmful level, damaging to all life forms within the vicinity.

Ravi Walsh

Ithaca

I am a resident of West Hill and am asking the Common Council to hold an OPEN public forum on this topic before you vote to have this installed in Ithaca. I have researched both pros and cons and there is reason to believe this technology is dangerous and not the best avenue for an open-minded and open heart community like Ithaca. Please vote to allow an open forum, let's get all the facts before we move forward with potentially dangerous and real estate depreciating technology.

Thank you, Ravi

Andrew Molnar

Ithaca

Robert Becker is an MD twice nominated for the Nobel Peace Prize. As an expert in cell radiation he says, "The greatest polluting element in the earth's environment is the proliferation of electromagnetic fields. I consider that to be a far greater threat on a global scale than warming, or the increase of chemical elements in the environment. All life pulsates in time to the Earth, and our artificial fields cause abnormal reactions in all organisms. Increasing electro-pollution could set in motion irreversible changes leading to our extinction."

I feel disheartened that the majority of the Council still seems to accept disinformation and false propaganda from the telecom companies about 4G/5G/small cell antennas. Having dozens if not hundreds of these cell antennas around my beloved town will expose citizens to unprecedented levels of harmful radiation. And yes, this radiation is irrefutably a proven health hazard, as accepted internationally and shown by literally thousands of peer-reviewed studies. The fact that some Council members seem to stick their heads in the sand around this science seems to put you in the same category of climate-deniers, not progressive-thinking Ithacans. I understand that some want to ignore this science because of the cognitive dissonance that may occur due to a love or addiction to the "next best thing" in technology. But, how will this kind of willful ignorance stand the test of time in the years ahead?

I urge you to heed the pleading of your citizens whom you serve, be on the right side of science and history, and join others around the world to stop the implementation of these harmful small cell antennas.

Spencer Heaps

Town

I feel there is no compelling reason to rush to implement new technologies like 5g that are not really needed, and not well studied. I would prefer to see the precautionary principle employed and not to have cell service providers writing the rules they will have to follow. Thank you.

maytali novak

Ithaca

Dear Common Council Members,

I am a long-time Ithaca resident. I grew up here and returned after graduate school and living in other places. I respectfully ask you that not go through with any roll out of 5G before sufficient independent party testing has been completed. Many communities and countries are pausing with this rollout because of not enough evidence that it will not cause harm and we do not understand the long-term health effects. I am also asking you to not proceed with any roll outs before there has been a public forum to gather support from the community.

I do NOT consent to an antenna near my driveway or on my street. Until I can be 1000% assured it will not cause any health effects. The first rule that must be followed is due no harm.

Sarah Glenn

Mecklenburg

I am concerned about the effects of 5g in my community, and am opposed to the implementation of this harmful technology at this time. Thank you

Ram Venkat

City of Ithaca

I would like to urge you to have an open forum to discuss the risks and benefits of 5G before rolling it out. The data on this new technology is minimal and the public has not been engaged adequately to be made aware of the potential risks of this system. Many places have decided to not move forward with 5G due to health risks, antennas everywhere, downtown aesthetic, ecological impact, property values declining, federal government overreach, can't guarantee safety, lack of added benefits of 5G, privacy and surveillance concerns, etc. I hope the Council will consider taking the necessary time to engage the public for their input.

Robert Coville

Town of Ithaca

My name is Robbie Coville and I'm a student and young professional who has chosen to make Central NIY home, first in Syracuse and now in Ithaca. I demand that you immediately rescind the resolution (3.3) authorizing approval for small cell facilities with 5G capabilities in Ithaca.

Given the complex effects of this telecommunications technology, there is still much uncertainty about its implications. Our vibrant small community should proceed cautiously and not be an early-adopter of 5G Furthermore, the approval of 5G technology should come with the consent of those represented by

the City of Ithaca government, and it is clear that a large segment of our community feels unheard and deliberately avoided on this subject.

Lucas Matheson

City

I am a grateful 10-year resident of the city of Ithaca.

I love this city for its commitment to social justice and to honoring the (sometimes progressive!) values of its citizens. Ithaca is a leader among municipalities in its supporting the health and welfare of its citizens, even when its decisions to do so is not “mainstream”. Thus, Ithaca leads others towards a sustainable future by its example.

The case of 5G small cell antennas is again calling Ithaca to honor the will of its citizens, to act in their best interest, and to listen to them as they request action in honor of their own health and welfare.

This technology is potentially very dangerous, to humans and nature, in its yet-untested state. The Common Council DOES have the legal right to act in this case and stop 5G in Ithaca, following the lead of other municipalities in the United States and around the world. And Ithaca’s citizens are asking for this action NOW.

Do not decide for your citizens that they should be subject to dangerous electromagnetic radiation. Listen to their voices and decide in their best interest now, even if this issue is to be reconsidered in the future upon further, safer, technological development.

Thank you for keeping us safe and well, and respecting Ithaca’s history of social virtue, it’s citizen’s wishes, and its community’s health.

Adam Monzella

City

Please follow the lead of other cities and counties around the country and delay the deployment of 5G in Ithaca. Humans and the environment are already exposed to so many other toxins and this will add to the stress that our bodies are already under. The research on 3 and 4G show that there is indeed biological harm and as our city council members you should be doing everything in your power to protect the citizens who you are supposed to be serving. There are already 4G small cells in Fall Creek, and myself and others have a hard time being in that area because they cause us to feel unwell. It breaks my heart to think that there are people in Fall Creek who have chronic health issues and can't figure out why they don't feel well, and that the small cells could be contributing to their symptoms. These cell phone antenna are only tens of feet from people's bedrooms. Children are the most venerable and there are so many children living downtown as well as quite a few schools.

Are you okay with taking the risk of hurting our future generation of Ithacans? Let's wait for the research to come out over the next few years because making a decision that it would be very difficult

to undo please! Your hands are not tied right now, but once you make further agreements with Verizon it would be much more difficult to undo your decisions. Why not air on the side of caution?

Mark FERNANDEZ

Ithaca

I worked as an antenna installer for various service providers such as Nextel, Sprint, T-Mobile, Verizon and AT&T. I personally believe we need reasonable informed public discourse into the safety of these new 5G antennas when I was working in the industry they were going to equip each antenna installer with a radiation meter due to political changes that was never came to be nonetheless many cell tower sites and monopoles had radiation warnings on them posted everywhere as you enter the antennas themselves warned that they should not be installed residentially yet many companies did so.

Zoran Cerar

Ithaca

As a teacher I have witnessed all of the below in the classroom and I am very concerned about the 5G rollout and will request that my districts Board and my Union look into the researches and have their own opinion. The already worrying increasing effects of high-frequency fields, even on younger and younger people, can be: sleep disorders, general exhaustion, headaches or pain in other areas of the body, visual disturbances, dizziness, nausea, thinking, concentration, learning and memory disorders, earache and noises in the ears , High blood pressure, cardiac arrhythmias, nervousness, irritability or depressive mood, burn out, anxiety up to panic attacks, infertility, tumor formation, oxidative cell stress, DNA breaks, genetic changes and much more. (kurzelinks.de/jsva)

Marie Molnar

Ithaca

At the last Common Council meeting in the discussion around 5G, someone said "They just don't want 5G in Ithaca." Yes, you are correct. Until it is proven safe, what you are hearing is many citizens expressing that they do not want small cell antennas littered throughout the downtown, in close proximity to homes, parks, schools, and workplaces. What you are hearing is that there is already adequate cell coverage. What you are hearing is that we do not need, nor want, any more unnecessary radiation in our living environment.

If you have read or listened to the comments, what you are hearing is that many of us who have chosen to live in Ithaca, did so specifically because we have different priorities than having the latest greatest technology at any cost. I chose to live in a progressive town where many prioritize personal connections over cell phone connections, and where we can raise children in the "gorges" outdoors rather than indoors all day on monitors and screens, where we prioritize health and wellness over the "next new shiny thing" , where concern for our environment trumps vague promises of some future non-

essential technologies, such as IoT or self driving cars, and where, above all, we decide - regardless of what "everyone else is doing" - how we can best care for each other in this community. In essence, we came to live a more holistically balanced life, keeping technology in its rightful, useful but limited place, avoiding harm where possible. These ideals are some of what makes Ithaca such a special place to me.

And yet, with the potential of having dangerous cell towers placed throughout our town, many of these ideals would be seriously compromised. Sadly, I personally would be forced to move if one was placed on my street. The science is clear: pulse-modulated, microwave radiation of these cell towers is a proven health hazard. And if you choose to allow it here, you would be responsible for exposing those whom you serve to those dangers. For the sake of keeping Ithaca a special and unique place apart and protecting those you serve, I urge you to stop this rollout of small cell antennas in Ithaca until they are proven safe.

Olga Ivanova

Ithaca

5G is a huge waste of resource and it endangers natural balance, including bees. The power consumption of thousands of new data centers, millions of new transmitters and billions of new transmitters capable of transmitting is diametrically opposed to the urgently needed goal of reducing our energy and resource consumption.

Richard Onyejuruwa

city of Ithaca

May I know where the police department, city of Ithaca and Detective Barksdale currently stands as this was made public and no follow up has been made? Despite all that is going on, this is an issue and the results of it has a larger impact on the city than some leadership official may know.

At this point, what concern does the city still have about the return of college students to town and what will be done about it?

Thanks

Richard

Henry Fitzgerald

Tompkins County

Dear Council,

I believe that the decision to roll out 5G in Ithaca without adequate due diligence and scientific support is uncharacteristically irresponsible, inviting a future that may well be regretted by our community and leadership.

When transmitted signals come from a distant tower on a hill they're weak by the time they reach people, but with transmitters located closer, all around us, even though they transmit at lower power levels, we will all be exposed to electromagnetic radiation at levels known within the medical community to be unhealthy.

When told, "Pay no attention to the man behind the curtain, just believe what you are told by the broadcaster," let's have the heart, intelligence, wisdom, and courage to safeguard the wellbeing of the children who must live in the world we allow to be created.

Throughout the world, cities and entire countries are implementing moratoriums and suspensions of the rollout until testing has been completed in order to protect the health and welfare of their citizens.

What do we value here in our lives?

Sincerely,

Henry Fitzgerald

asif ullah

ithaca

Hi, I am a resident of Ithaca and am concerned about the 5G plan, especially as I work in healthcare and worry about the impact this will have on us - all of us.