

From: [Noah Ferris](#)
To: [PublicComments, PUC](#)
Subject: [EXTERNAL] : ATTN: 22-01-NG Future of Gas
Date: Wednesday, October 19, 2022 8:51:51 PM

Good Morning;

I am very concerned citizen with providing basic humanitarian rights to people in the form of affordable energy. With the huge increase of electricity rates from the local utility a further increase or reduction of services for a clean alternative fuel for basic hot water, heating will be detrimental to a large portion of the population of Rhode Island.

Please advocate for the rate payer and stop listening to a bunch of people who couldn't exist outside of their own self made bubble in Washington DC. How do you propose the low income folks pay for the even greater cost to electricity that is being presented? How many folks who could pay now fall into that low income bucket with the new electricity costs and gas exodus out of the availability. With the mandating of a wind farm off the coast; what is that going to cost the rate payer individually to drop a cable from the farm to the coast not to mention the environmental impact.

How many acres of trees are being cleared for Solar fields? I am disgusted by the blatant disregard of our environment that is no where based in any science. Electric vehicles cradle to grave is not CO2 neutral, it certainly isn't any more economical for the average citizen. I cannot afford to go buy a \$65K electric vehicle when I cannot afford \$4/gallon gas. What happens when we add all this Electric vehicle charging load to the infrastructure of our aging Grid system? Will we all be held hostage like California is where the government tells the average citizen sorry you cannot charge your car today. Try again tomorrow? Solar while sometimes cost effective hasn't even hit its grave cost and CO2 destructiveness to dispose of those panels. Where are these materials that the solar panels are made out of going to go? Where are all these batteries for electric cars going to be disposed? We cannot even buy an electric car right now and governments are going to legislative them as mandated, gasoline engines will be outlawed?

Please, please please do not reduce Natural Gas services until all other fuels have been removed. Propane, Oil should be on the short list of being removed well before Natural Gas a clean burning fuel is entertained. Can we extend more natural gas pipes to more of the Propane and Oil customers and see if we claim the carbon reduction that way?

I worked in the CHP sector and the cost to produce my own electricity from clean natural gas including maintenance cost was far less costly than purchasing it from the electric utility by almost a four to one ratio. Partly due to solar incentive costs being buried in the rate base and partly due to carbon tax policies driving up natural gas prices artificially. Natural gas is an affordable alternative for all rate payers and should remain an option.

I think as the Public Utility Commission you should be advocating for the rate payer. Please investigate the cost to the rate payers and propose that to the ratepayer in the form of a

voteable referendum. This referendum can make its case to the latest politician in charge to give a voice to the ratepayer that this is not what we want. I find that most ratepayers are not properly informed. Remember the legal definition of a mandate is a consensual agreement between two parties. You don't have to say yes. I think you should investigate the case that reducing natural gas services to the normal citizen is not beneficial to society as a whole? Access to affordable electricity and heat is a marker of a healthy society. When electricity and heat become unattainable which is what this is proposing to eliminate Natural Gas from our usages the average citizen will suffer knowing they cannot afford to keep a light on at night and revert to burning a candle. Some won't be able to afford to be decently warm and will huddle in their house under blankets shivering. I can picture an older grandma, unable to afford her heating or electric bill and too proud to ask for help dying on a cold night thinking she will be fine. Where is the outrage or will it be whisked away as the science says this is better for us all. I challenge that thinking and hope the PUC also challenges the norm.

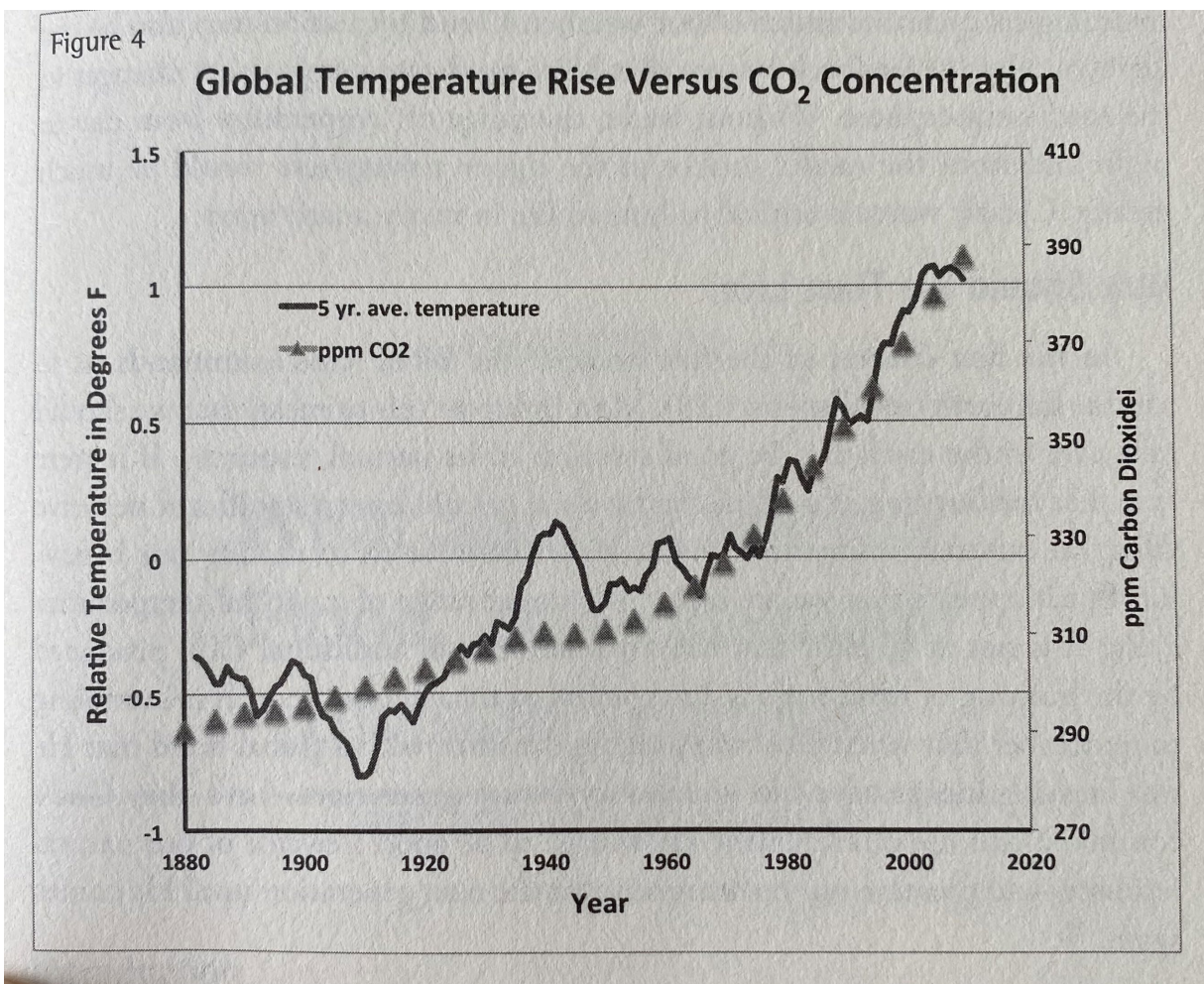
Green House Gas emissions should include cradle to grave technology. Electric Vehicles should include how much carbon is consumed to produce all the materials that make up an electric vehicle for instance. Hybrid vehicles are far better and less carbon intensive to produce than an all-electric vehicle. While emissions are higher at the tail pipe of a gas car that is not the only measurement. Carbon emission should also include the disposal of all said materials including the battery on both ends of making it and disposing of it. Emissions of the electricity consumed to charge the EV are just a transfer from the car to the electric grid.

Green House Gas are made up of 80-95% water vapor depending on who you talk too; why are we focusing on CO₂ as a bad green house gas? Green house gases are good; otherwise we would be about 60 degrees cooler and probably die of the cold. As you increase a green house gas; you end up blocking the solar radiation in effect cooling the globe. As you cool the globe; the water vapor condenses and drops out of the atmosphere increasing your sunlight. It is very well tuned system to think we have any affect on that is ludicrous. If we had such a big impact on that; wouldn't we have seen a huge reduction in CO₂ over the past 2 years with the Covid lockdowns when car usage was nearly nothing throughout the world? Of all times, shouldn't the CO₂ story be shown in the data that we do impact it? Higher CO₂ makes plants grow better which in turn produce more Oxygen for us. Perhaps we should stop all deforestation(Solar fields) because trees are good mitigators or scrubbers of CO₂. That should be outlawed; plenty of roof space available to install solar panels. Developers go for the easy buck and buying old farm land is easier than being responsible to place a good product on someone's roof.

I am a Professional Engineer in the Utility world and I know for a fact this alarming of CO₂ reduction is a falsity. The temperature rise(1.2 degree F) can be attributed to Solar Sun spots for at least 50% of it. The temperature rise of 1.2 F cannot even be confirmed that it isn't just normal ebbs and flows of the temperature rise and fall of the world we live in. During the MWA heat up in which around 1000 AD Vikings were farming for 200 years on Greenland. I am sure the average temperature then was higher than it is now. In the 1970s; the new hyped up political push was that we were going into a new Ice age. Again all touted by supposed experts so do we listen to them then or do we listen to them now? If the science is settled then why has it changed? There are plenty of climatologist that do not agree with these models. Latest graphs and charts show that CO₂ increase and global temperatures do not correlate as shown here. This is a graph taken from the Journal of Geophysical Research 115(2010). Notice the temperatures flattening while the CO₂ continues to rise. I would hypothesize that the margin of error on our instrumentation cannot even show the temperature rise outside of the normal error. We have switched from thermometers located throughout the

world to satellites in 1979. Then an adjustment to satellite data took place in 2002 because we were not taking the data correctly or evenly say to the same time of day or the same conditions or the same averaging? There are so many ways to shoot holes in this global warming/CO₂ rise theory that is laughable as a science. You are not even allowed to question it which flies in the face of any scientific theory. Is it repeatable and makes sense to both sides. I would say it only makes sense to one side and the other side is silenced and their funding mechanism is removed such as their job. Why don't we fund the research if CO₂ and Temperatures are not entwined and use an unbiased approach. Peer reviewed. I think folks would be surprised what we find once you remove the funding mechanism to prove what politicians want the results to say.

The point of view should be tracked for the rate payer who does not have a voice at this table. They are the ones footing the bill for all these changes and the impact should be proposed to them. I would love to be placed on the committee for the technical analysis as a stake holder and advocate for the ratepayer.



Respectfully

Jed

Gerald(Jed) Ferris | Principal Engineer; CEM, CEA, PE

The information contained in this message is intended only for the personal and confidential use of the recipient(s) named above. If the reader of this message is not the intended recipient or an agent responsible for delivering it to the intended recipient, you are hereby notified that you have received this document in error and that any review, dissemination, distribution, or copying of this message is strictly prohibited. If you have received this communication in error, please notify us immediately, and delete the original message.