

**From:** Anne Dolivo <dolivoanne@gmail.com>  
**Sent:** Monday, September 18, 2017 1:36 PM  
**To:** ANR - VCAC  
**Subject:** Sept 21 Climate Action Commission comment

For the attention of the Climate Action Commission:

I thank you for organizing the “listening tour” which includes my hometown of Manchester.

Unfortunately I cannot attend the meeting in Manchester on September 21 but instead I submit my comment in advance.

I have already sent a similar opinion online and in letters to the editors of local and national papers. I feel very strongly that we need to aggressively invest money in resilient, green infrastructure ahead of the game rather than defensively pour billions into repairs after the fact of a catastrophic weather event, which - let’s face it - will happen more frequently the less we act on climate change.

Hurricanes Harvey and Irma are unnatural disasters. The connection between climate change and the impact of these and other catastrophic weather events is irrefutable. July 2017 was the hottest month ever measured on earth, raising the temperature of the Gulf of Mexico and the Atlantic, and making these hurricanes stronger and more devastating. A part of supporting impacted people means getting serious about why storms like Harvey, Irma, Sandy, and Katrina, and other weather extremes, such as the forest fires out west, continue to happen with increasing intensity.

Denying climate change puts people in harm’s way. In addition to the impact that the floodwaters have caused in Houston and elsewhere, damaged oil refineries are spewing toxic fumes into communities, and public health is at risk. Unless we take steps to keep fossil fuels in the ground and plan for a changing world, more people will lose their homes or their lives.

It’s time for our nation's political leaders -- in Washington and in our state capitols -- to swiftly advance policies that will slash global warming pollution and better prepare and protect all Americans from future storms. We owe it to the victims of Hurricane Harvey, and to millions more who will suffer from storms like it in the future. Let's build a world where families can live free from the fear of climate chaos.

Many thanks for your consideration,

Anne D’Olivo

Earth Matters founder

A subcommittee of MoveOn Manchester

**From:** Steve Davis <w2sgd@juno.com>  
**Sent:** Friday, September 29, 2017 12:06 AM  
**To:** ANR - VCAC  
**Subject:** Fw: One Sandy survivor's story

----- Forwarded Message -----  
From: "Beta Coronel - 350.org" <350@350.org>  
To: "Stephen Davis" <w2sgd@juno.com>  
Subject: One Sandy survivor's story  
Date: Thu, 28 Sep 2017 18:37:53 +0000

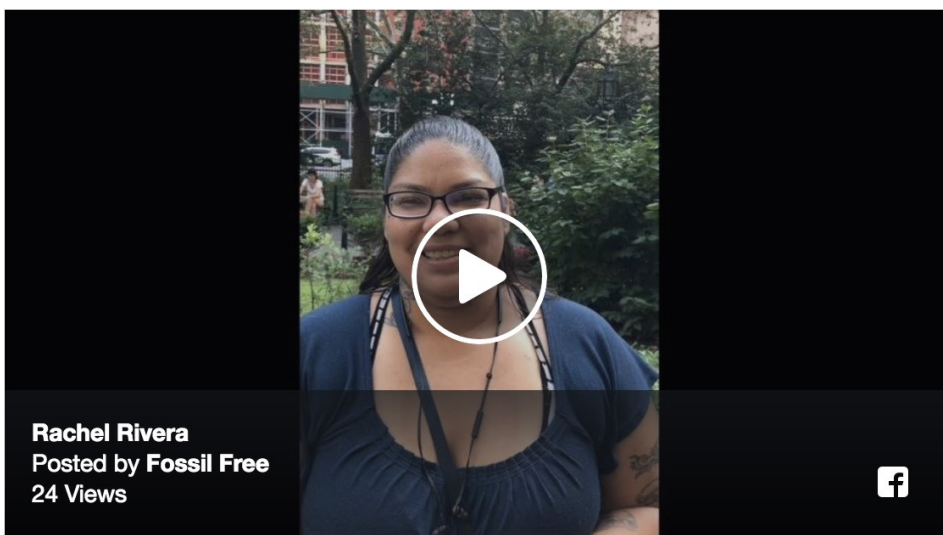
Friends,

I'm proud to share the story of Rachel Rivera, a lifetime resident of Brooklyn and a member of New York Communities for Change. Her family survived Superstorm Sandy five years ago, and the experience was so traumatic that her daughter still cries when it starts to rain.

People all over New York City are [pledging to march for climate action on October 28](#). Five years after Hurricane Sandy, we need to show our elected officials that we will not tolerate lip service on climate while extreme weather ravages our homes, not after so many people's lives have already been impacted.

Today, with family in Puerto Rico currently going through Hurricane Maria, Rachel is still living through the impacts of climate change and the consequences of our elected officials' inaction.

[Watch Rachel's story here:](#)



Rachel is marching because we can't wait any longer. [Stand with her and RSVP for the #Sandy5 Mobilization on October 28th.](#)

Thank you,

Beta Coronel

P.S. There's still plenty you can do for people who are suffering Puerto Rico - if you're able, [donate to frontline-led recovery efforts](#).

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**[350.org](#)** is building a global climate movement. **[Become a sustaining donor to keep this movement strong and growing.](#)**

You can [update your contact information, location, or language here](#), or if you're 100% sure you never want to hear from 350.org again you can [click here to unsubscribe](#).

**From:** Hannah Huber <hannahjhuber@gmail.com>  
**Sent:** Wednesday, October 4, 2017 9:46 AM  
**To:** Walke, Peter; ANR - VCAC  
**Subject:** Re: Question

Thank you, Peter, for this answer and context.

Hannah

On Mon, Oct 2, 2017 at 12:39 PM Walke, Peter <[Peter.Walke@vermont.gov](mailto:Peter.Walke@vermont.gov)> wrote:

Hannah,

Thank you for your inquiry. There is no due date. We will keep the submission open throughout the process. That said, the commission will begin delving into different ideas beginning on October 12<sup>th</sup>.

Thanks,

Peter

**From:** Hannah Huber [mailto:[hannahjhuber@gmail.com](mailto:hannahjhuber@gmail.com)]  
**Sent:** Monday, October 2, 2017 12:31 PM  
**To:** ANR - VCAC <[ANR.VCAC@vermont.gov](mailto:ANR.VCAC@vermont.gov)>  
**Subject:** Question

Hello,

I would like to know when is the deadline for comments via your web-based form in order to be considered along with the rest of the in-person comments you've received?

Thank you,

Hannah

**From:** Hannah Huber <hannahjhuber@gmail.com>  
**Sent:** Monday, October 2, 2017 12:31 PM  
**To:** ANR - VCAC  
**Subject:** Question

Hello,

I would like to know when is the deadline for comments via your web-based form in order to be considered along with the rest of the in-person comments you've received?

Thank you,

Hannah

**From:** Gary Santy <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 7:26 AM  
**To:** ANR - VCAC  
**Subject:** Work w/ the Governor not attack him!

Oct 5, 2017

VT Climate Action Commission

Perhaps this group should do their own listening to what the Governor is saying!!!!

Sincerely,

Gary Santy  
146 Fontaine Dr  
Milton, VT 05468-4256  
santy5@comcast.net

**From:** Erik Phillips-Nania <ephillie@gmail.com>  
**Sent:** Friday, October 6, 2017 10:58 AM  
**To:** Walke, Peter; ANR - VCAC

Dear VCAC & Peter,

First, I would like to propose that the Commission take into consideration: (1) all of the other (33) [State Action Plans](#), and (2) [Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming](#) by Paul Hawking (Apr 2017) because it identifies "blind spots" such as three of the most important solutions: (i) **refrigerant management** (and the *Kigali Accord*), (ii) plant-rich diet, and (iii) educating girls and family planning -- issues that are often overlooked. These three issues represent, in combination, up to 350 Gt of GHGs that can be reduced by the global community, and with significant co-benefits.

Second, I would like to apply for membership of the Technical Advisory Group. I have read all of the material on the Vermont Climate Commission website. I have specialized in climate solutions in my academic and professional career, earning a Bachelor's *summa cum laude* from CU Boulder in 2007, for an honors thesis on climate change; helping create the nation's first carbon tax in Boulder (2007), and, most importantly, I have published the first book, [Climate Change Yoga](#), on the application of traditional knowledge (TK) to climate change.

I would like to be part of the TAG based on my expertise of Traditional Knowledge (TK), which refers to indigenous ways of knowing that has been developed over thousands of years. It's a perspective that perceives the Earth as sacred and conscious, and sees the climate crisis as a crisis of consciousness. The TK literature is "grey literature" outside the scientific, peer-reviewed literature being considered by the Commission. The IPCC says that Traditional Knowledge "may prove useful for understanding the potential of certain adaptation strategies that are cost-effective, participatory, and sustainable." TK is an environmentally sound technology (EST) that can help sequester many gigatons of carbon dioxide and Vermont could become a leader in developing this capacity.

Sincerely,

Erik Phillips-Nania

--

Burke, VT

Former United Nations Attorney (UNHCR) in Burlington, VT. (2013)

JD & MELP, Vermont Law School, *cum laude* (2012)

BA, Environmental Policy, CU Boulder, *summa cum laude* (2007)

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Author, *Climate Change Yoga: A Mystical Worldview & Practice for Significant Carbon Biosequestration and the Spiritual Geoengineering Alternative to Revitalize Earth* (2017).



**From:** Ryan Miller <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 8:01 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

<http://www.geoengineeringwatch.org/>

Unless you incorporate this proven reality into this discussion you are wasting our time and yours.

Sincerely,

Ryan Miller  
41 Kennedy Rd  
Brandon, VT 05733-8771  
(802) 779-5144  
miller9809@yahoo.com

**From:** Francine Hughes <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 4:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

We all must take huge risks in order to create a truly just and life-sustaining society.

Read BEING THE CHANGE as it maps the first important leaps on this journey, describing real life examples of the good life that awaits us beyond capitalism, species-extinction, economic injustice, and fossil fuel addiction. There is a need for wealth redistribution and racial justice in the climate revolution. We must act!

Sincerely,  
Francine Hughes

Sincerely,

Francine Hughes  
60 Fieldstone Dr  
South Burlington, VT 05403-7565  
fhughes533@gmail.com

**From:** anr.webmaster@vermont.gov  
**Sent:** Thursday, October 5, 2017 8:54 AM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Mark  
**Last Name:** Garrand  
**Email Address:** mark.garrand@vermont.gov

**Recommendation 1**

Testing Respect. Protect. Enjoy. The Vermont Agency of Natural Resources promotes the sustainable use of Vermont's natural resources, protects and improves the health of Vermont's peoples and ecosystems, and promotes sustainable outdoor recreation.

**Recommendation 2**

Testing The Agency of Natural Resources and our three departments rely on the assistance of Citizen Scientists to enhance our mission of effective and well-informed, environmental stewardship. We need your help! Read more about Citizen Scientist volunteer and participation opportunities, and educational opportunities.

**Recommendation 3**

Testing Did you know that organic matter (such as food scraps and leaf and brush debris) makes up about 28% of household waste? When this material decomposes in landfills, it emits methane, a greenhouse gas that is 21 times more potent than carbon dioxide. Preventing organic materials from entering the landfill not only saves limited landfill space, it also reduces the emissions of methane while enabling us to recapture the nutrient value of the material.

**Other Considerations**

Testing The Vermont Fish and Wildlife Department (F&W) is one of three departments that make up the Agency of Natural Resources. F&W exists to conserve the fish, wildlife, plants and their habitats for the people of Vermont. It meets these goals by providing a broad range of services to the public, including wildlife management, fisheries management, law enforcement, search and rescue, threatened and endangered species monitoring and restoration, habitat conservation, and educational programs for hunters, anglers, young people and teachers.

[Click here to view all comments](#)

**From:** anr.webmaster@vermont.gov  
**Sent:** Sunday, October 15, 2017 4:05 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Rebecca  
**Last Name:** Jones MD  
**Email Address:** [rmjo@rcn.com](mailto:rmjo@rcn.com)

#### Recommendation 1

Recommendation #1 Put a price on carbon pollution. Use the Pigouvian model of taxation, which states that behaviors that cost society should be taxed to recoup such losses. Account for perverse incentives—you don't want to use carbon prices to pave roads or fund medical care, since the system would then depend on further carbon emissions to support needed services. Instead, clearly identify the goals of the tax: in the case of carbon pricing, the goal is to 1. Reduce carbon emissions 2. make it expensive to burn carbon and 3. reward behaviors that reduce emissions or reduce CO2 levels. To make this work, use tax funds to secure good active transportation that includes bikepaths, sidewalks, busses and trains. By offering meaningful public transportation that allows citizens to commute without the need of a single occupancy vehicle, regressive taxation is less likely to affect lower income people adversely.

#### Recommendation 2

Merge health and transportation interests. Create an active public transportation system that removes safety and access barriers so that people can walk and bike as part of their daily commutes. Even using busses and trains have been shown to improve peoples' fitness, since there are more opportunities to walk or bike to and from bus stops and train stations. By doing so, medical costs will decrease. Consider the following statistics: Vermont has a 25% obesity rate, up from 17% in 2000; our medical costs have also risen, from 1 Billion in 2000 to almost 6 billion dollars today. It has been proven that for every dollar spent on meaningful medical prevention, 5.6\$ is saved (<https://www.cdc.gov/chronicdisease/pdf/2009-power-of-prevention.pdf>). An active transportation system would pay for itself quickly. It would also attract tourism, and would bring forward thinking people to the state.

#### Recommendation 3

Include the human body in your calculations and considerations. What is the purpose, after all, of all of these plans if not to improve the environment and communities for people? Our bodies need safe, clean, connected neighborhoods and cities in which to work, play and thrive. Health must be one of the primary considerations in any climate change plans. Climate change has an enormous impact on our health; and, factors that improve our health also mitigate climate change.

#### Other Considerations

Make connections with community volunteers. I am a member of several transportation advocacy groups, including a coalition forming in Brattleboro. We are a diverse group which includes health professionals, teachers, and other engaged citizens who have been working tirelessly to solve the triple crises of healthcare, climate change and social justice. If you would like to reach out to us you may contact me at [rmjo@rcn.com](mailto:rmjo@rcn.com)

[Click here to view all comments](#)

**From:** Rhiannon Woolwich-Holzman <bounce@convio.net>  
**Sent:** Saturday, October 14, 2017 9:40 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 14, 2017

VT Climate Action Commission

Vermonters want to reduce climate change on a global scale, as well as a local one.

They want to be part of this reduction by transitioning to affordable and efficient clean energy solutions, but they need help doing this.

This will save them money, and at the same time, reduce the pace of climate change globally and locally, which will affect all areas of health and welfare for humans and animals.

The time has come.

The time is NOW.

Please recommend a price on carbon pollution, and put that money where it belongs -- in the hands of Vermonters.

In addition to all the benefits cited above, this action will incent the gas and oil giants to transition to alternative forms of energy.

It's a win-win.

The time has come.

The time is NOW.

As global disasters are happening around the world, as well as in VT that are KNOWN to be the result(s) of climate change, it is, frankly, negligent to ignore the importance of this.

Be a leader.

Make the change.

Pass the law.

Thanks you.

Sincerely,

Rhiannon Woolwich-Holzman  
85 Hill Ln  
Arlington, VT 05250-9626  
rhiannonstephanie@comcast.net

**From:** JEAN HENSHAW <bounce@convio.net>  
**Sent:** Friday, October 13, 2017 10:38 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 13, 2017

VT Climate Action Commission

A CARBON POLLUTION TAX ON FOSSIL FUEL COMPANIES RESPONSIBLE FOR THEIR GLOBAL WARMING POLLUTION, IS NEEDED.  
GLOBAL WARMING IS REAL. A TAX ON POLLUTERS RAISES VERMONTERS' INCOMES.

Sincerely,

JEAN HENSHAW  
233 Collamer Cir  
Shelburne, VT 05482-6454  
(802) 985-2132  
jeanhenshaw@comcast.net

**From:** Terrill Bouricius <bounce@convio.net>  
**Sent:** Friday, October 13, 2017 10:07 AM  
**To:** ANR - VCAC  
**Subject:** Carbon tax

Oct 13, 2017

VT Climate Action Commission

Please avoid the knee-jerk platitude of "no new taxes." A revenue neutral carbon tax could LOWER taxes elsewhere (such as on income or sales) while making important strides in combatting a future climate crisis. Politicians tend to take the SHORT term view. But it is vital that an along-term view be taken when it comes to climate change. A Carbon tax is the LEAST that can be done right away. PLEASE think of our children and grand children!

Sincerely, Terrill Bouricius

Sincerely,

Terrill Bouricius  
56 Booth St  
Burlington, VT 05401-8505  
(802) 864-8382  
terrybour@gmail.com

**From:** Dennis Bilodeau <bounce@convio.net>  
**Sent:** Friday, October 13, 2017 10:07 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 13, 2017

VT Climate Action Commission

Pollution is a major problem in today's world. When fossil fuels were first used there was no problem because the human population of the Earth was quite small. But times have changed and the population of humans has increased substantially and thus the amount of fossil fuels being used. Burning fossil fuels emits carbon dioxide which is now becoming a blanket around our home world and threatens to keep heat from radiating back into space thus warming the surface of our planet changing its climate. There has already been signs of this happening recently with the powerful hurricanes that have swept death and destruction throughout the Caribbean and southeastern U.S. Here in Vermont we experience climate change by way of erratic weather patterns causing extreme fluctuations in temperature, changing normal seasonal patterns. So we can either sit back and do nothing until it's too late or we can take actions to discourage the use of harmful fossil fuels in favor of renewable energy such as solar and wind. I recommend taxing oil and natural gas and coal and using that revenue to subsidize development of clean, renewable energy projects. There will be loud and angry protests from those companies burning fossil fuels, but it would be much worse if we delay taking action to minimize the threat of a runaway greenhouse climate. It takes courage to do the right thing, but once you commissioners have taken that vital step you will all feel better for having done the right thing to protect future generations from a hostile climate. Implement a carbon tax!

Sincerely,

Dennis Bilodeau  
91 Ayers St  
Barre, VT 05641-4302  
(802) 793-0496  
dennisbilodeau@gmail.com



**From:** Lauren Waite <bounce@convio.net>  
**Sent:** Friday, October 13, 2017 8:37 AM  
**To:** ANR - VCAC  
**Subject:** As a grandmother I cannot...

Oct 13, 2017

VT Climate Action Commission

As a grandmother I cannot accept that there is nothing we can do to arrest the climate change spiral we have created over the past several decades. I cannot stand by so that my grandchildren and all the other young inhabitants of our Earth come of age while our planet becomes increasingly uninhabitable. While it is possible that we are on a path that cannot be turned around or slowed, I cannot accept that.

I urge you to make the hard choices that ensure a future for our planet. The kind of commitment we need and you have the opportunity to effect starts with individual responsibility but must also include community responsibility, state responsibility, country responsibility, and world responsibility. Specifically, we all (individuals, corporations, governments) need to recognize and take responsibility for the ways we are affecting our environment. When one buys a laptop, part of that cost should include properly and safely disposing of the laptop when it is no longer needed. When one drives a car, part of the cost of using that car is the carbon it emits and the car owner needs to be responsible for that part of the cost of driving a car. Carbon pollution is created by many entities, but the cost of those emissions needs to be paid by those benefiting from whatever is producing the carbon.

I understand that a carbon tax is complicated and many will argue that enacting this tax will restrict business. What I don't understand is that that cost of carbon emissions exists -- either those who are responsible for the emissions pay (as in through a tax) or the rest of us do -- either by having to live in an increasingly polluted environment or using our taxes to "clean up" after industry that has benefited but paid for the pollution that resulted. Carbon emissions exist and must be taken care of unless we accept continued and increased detriment to our environment. On the positive side revenues from a carbon tax can be used to decrease carbon emissions in ways that have already proven to be effective and financially beneficial for Vermonters (e.g, Efficiency VT).

Please consider not just your life span but how we leave our planet to the next generations. Some say it is already too late. We don't know, but if it isn't, let's not squander the opportunity we have to leave the world healthier than it is now.

Thank you for considering.

Lauren Waite

Sincerely,

Lauren Waite  
30 Pleasant St  
Bristol, VT 05443-1011  
(802) 453-6687  
lauren.waitecrew@gmail.com

**From:** Dave Cohen <dave@vbikesolutions.org>  
**Sent:** Thursday, October 12, 2017 9:54 PM  
**To:** ANR - VCAC  
**Subject:** Re: Climate Change Actions Committee Recommendations Regarding New Bike Technologies & Design

Hello Vermont Climate Action Committee,

We'd love to know if you received our recommendations and if there are any questions or clarifications you may need.

We are asking this because we've submitted recommendations to other related Vermont committees, panels and projects, only to find out that our ideas weren't in the slightest way considered due to a lack of familiarity with new concepts, innovations, technologies and design advances in bicycle transportation. We also believe there is a bias to easily write off bike-related solutions in Vermont because of our state's rather undeveloped bike transportation culture (except for the Burlington area) and the fact that bikes have been historically viewed here as fitness devices, recreational equipment or children's toys rather than serious, sustainable alternatives to fossil fuel burning vehicles.

We hope you can take a serious look at what VBike offers Vermont and that together we can move the state towards prioritizing human-power and hybrid human-electric powered vehicles that are great for our bodies, communities and environment and that can help propel us beyond merely reinventing the hyper-motorized model we currently have.

Looking forward to your response.

Sincerely,

Dave Cohen

VBike Director

[Picture](#)

[www.vbikesolutions.org](http://www.vbikesolutions.org)

[info@vbikesolutions.org](mailto:info@vbikesolutions.org)

[& visit us on Facebook](#)

On Fri, Oct 6, 2017 at 10:24 AM, Dave Cohen <[dave@vbikesolutions.org](mailto:dave@vbikesolutions.org)> wrote:

Dear Climate Change Action Commission,

Thank you for this opportunity to provide comments towards your important work in guiding and advising the state around Vermont's response to climate change.

My main recommendations here to the committee focus on my work as the director of VBike ([www.vbikesolutions.org](http://www.vbikesolutions.org)). For the past three years VBike has been busy introducing Vermont to new bike technologies and designs that make bicycle transportation far more viable, practical and enjoyable. We've made significant strides in updating Vermont's outdated vision of the bike, but so much more can be accomplished with the help of the state.

During the past decade and especially over the past 5 years, there has been a creative explosion in electric-assist bikes, e-assist conversion kits (that can turn any bike into an e-bike), cargo bikes, and a variety of designs and innovations that are revolutionizing the idea of what a bike can do and how it can transport us. Like traditional bikes, these vehicles harness the energy of a human being, but may also include a substantial and expanded hauling capacity and combine this with the supplementary power of an electric-assist system so that a person can use a bike to transport passengers (children & adults), move loads, or just perform the daily local errands with profoundly greater ease. These exciting innovations are readily available and on the market. And just as important as this, they are now being sold at an increasing number of bike shops throughout the nation. This is radically transforming the nature of bike transport and having a major impact on cities and towns throughout the United States and abroad.

We encourage the state to get fully behind these new bike innovations to authentically address climate change. In fact, the promotion of these new bike designs and technologies in Vermont might very well have a greater impact on reducing carbon emissions than the promotion and proliferation of electric cars. Electric cars will continue to require much of the same infrastructure, still demand massive energy inputs, continue to drive unsustainable development and wasteful land use, further promote sedentary lifestyles, and continue the marginalization of other more environmentally sensible and community friendly transportation options. Conversely, electric bicycles can help transform our towns and cities into bike and pedestrian friendly environments, reduce automobile dependence, promote local living, inspire far more sensible community planning, make our streets safer, have tremendous physical and mental health benefits, and dramatically lower the energy requirement for personal and household transportation.

Incidentally, with the help of VBike, Brattleboro has emerged as a leader in these bike innovations. Not only are there more e-bike and e-cargo bike riders here than in any other part of the state, but the bike shops in town have become a model for shops around Vermont for their expertise in installing e-assist conversion kits, stocking high quality and affordable e-bikes, e-cargobikes and e-trikes, providing e-bike customization services, and developing skills to maintain and repair e-assist systems. For this level of know-how to grow and to have a much greater availability of bicycle innovations to take root around the state much more needs to be done.

Here are some of VBike's recommendations for the Vermont Climate Change Action Committee to bring to Governor Scott and the state legislature:

- 1) Offer significant subsidies for the purchase of electric bikes and conversion kits with an emphasis on making these bikes affordable for lower income households
- 2) Sales tax relief for the purchase of e-assist bikes for a period of time to help jumpstart the adoption of e-bikes
- 3) Help fund training programs for bikes shops to help them to retool and reskill their businesses to become full service

centers for electric-assist technologies & new bike designs

4) Help fund the establishment of demo fleets statewide of e-bikes, e-cargo bikes, e-trikes and other hybrid human-electric car-like vehicles such as the [PEBL](#) and [ELF](#)

5) Support a carbon tax to fund these programs.

Again, thank you for this opportunity to make these comments and recommendations. If you have any questions please don't hesitate to contact me.

Sincerely

Dave Cohen

VBike Director

Picture

[www.vbikesolutions.org](http://www.vbikesolutions.org)  
[info@vbikesolutions.org](mailto:info@vbikesolutions.org)  
& visit us on Facebook

**From:** Judi Macdonald <bounce@convio.net>  
**Sent:** Thursday, October 12, 2017 9:06 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 12, 2017

VT Climate Action Commission

It makes good climate sense to put a tax on fossil fuels.

Please Governor move forward with this sound idea.

Sincerely,

Judi macdonald

Braintree, vet 05060

Sincerely,

Judi Macdonald

909 Battles Brook Rd

Braintree, VT 05060-8824

jlydia158@gmail.com

**From:** Stuart Carter <bounce@convio.net>  
**Sent:** Thursday, October 12, 2017 7:06 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 12, 2017

VT Climate Action Commission

Pollution costs each one of us over time. The expense is not always evident, or easy to comprehend, but it is there. As we watch our natural resources diminish in quality our lives are effected both in quality of life and our pocketbooks. We no longer feel the beauty of our environment as we used to, we pay more for goods produced with dwindling resources of lesser quality. Our minds often put this away in order to maintain day to day process of living. The costs are there and it is time to collect. Make polluters pay for their contribution to this downfall. Use the money to improve our environment, our quality of life, and the quality of goods and services produces in this beautiful state that relies so much on its environment. To do otherwise is to ignore reality.

Sincerely,

Stuart Carter  
105 Walnut St  
Burlington, VT 05401-2818  
(802) 660-8524  
octavemode@gmail.com

**From:** Ellen Evans <bounce@convio.net>  
**Sent:** Thursday, October 12, 2017 5:36 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 12, 2017

VT Climate Action Commission

After this devastating season of wild fires, hurricanes and earthquakes it's time to stop the ridiculous talk of the cost of containing climate change. The cost of NOT decreasing the speed in which our earth warms is too horrible to consider. The carbon tax plan proposed by Energy Efficient Vermont is both fair and manageable. The example of our Brave Little State may help to spur more states to tackle the real issues of climate change and what can successfully be done at the local level. We owe it to our grandkids.

Thanks!

Sincerely,

Ellen Evans  
338 James Farm Rd  
Charlotte, VT 05445-4427  
(802) 425-3153  
evansphilo@comcast.net

**From:** Sophia Donforth <bounce@convio.net>  
**Sent:** Wednesday, October 11, 2017 9:34 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 11, 2017

VT Climate Action Commission

Hello,

I'm writing to ask you to recommend putting a price on carbon pollution. We know that carbon emissions are at the root of climate change, that managing climate change will be expensive for Vermont and Vermonters, and that a price on carbon pollution helps to both discourage that pollution and pay for its remediation.

It's that simple. Please help the state move in the right direction to address climate change.

Sincerely,

Sophia Donforth  
49 Lafountain St  
Burlington, VT 05401-4238  
(802) 881-5191  
sophiarella@gmail.com



**From:** Carl Bayer <bounce@convio.net>  
**Sent:** Wednesday, October 11, 2017 6:33 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 11, 2017

VT Climate Action Commission

Dear Governon Scott,

Your support of the Paris Agreement and willingness to distance yourself from President Trump demonstrates your independence from rigid ideological driven positions. Thank you. You are faced with a loss of income from the federal government, a loss of environmental necessary support from the EPA and you want to fight climate change in Vermont. If you support a carbon tax on the fuel companies, you can replace some of the money you need for your budget, which will encourage recycled energy solutions in the marketplace and by individuals and put some of that money in specific projects to support your goals. I support you to go for a carbon tax.

Best wisher, Carl Bayer, Ryegate

Sincerely,

Carl Bayer  
334 Meader Rd  
East Ryegate, VT 05042-8948  
pinecone@kingcon.com

**From:** Abby Foulk <bounce@convio.net>  
**Sent:** Wednesday, October 11, 2017 3:33 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 11, 2017

VT Climate Action Commission

I work with K-8 students on everyday practices and habits that will help us with climate resilience. They learn the daily systems that will help us with resource recovery (less consumption of non-renewable resources, universal recycling (including onsite composting if cafeteria food scraps), thinking about energy used and saved.

We help them connect the dots. They feel empowered to help through daily choices. They NEED adults to demonstrate stewardship of earths resources. The economics of energy and climate resilience are completely enmeshed. Let's model incentives for renewable energy through CARBON TAX. We need this traction to make the urgent changes that are needed; business can't go on as usual!

Abby Foulk  
CSWD Charlotte Board rep and Universal Recycling educator

Sincerely,

Abby Foulk  
957 Orchard Rd  
Charlotte, VT 05445-9676  
(802) 999-8501  
afoulk@gmavt.net

**From:** Kathleen Guinness <bounce@convio.net>  
**Sent:** Wednesday, October 11, 2017 12:33 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 11, 2017

VT Climate Action Commission

Dear Governor Scott,

Although I did not vote for you, I have found you to be very fair and open minded to the plight of Vermonters. In the case of climate justice, I have found you to be the same. I hope you will continue in this thoughtful vein as the subject of a carbon tax arises. Some say we cannot afford this. I say, we cannot afford not to have one. How can we put a price on the future of the planet and our children's children's children's future? We owe it to them to try everything in our power to cut down on carbon emissions which cause such harm to the ozone layer of our dear planet, I do not like to think of my great -grandchildren being in the same situation as Polar Bears are now- on thin ice with nowhere to go.

Thanks for listening. I pray you will make the right choice.

Sincerely,

Kathleen Guinness  
133 Broughton Ave  
Poultney, VT 05764-1143  
(802) 287-9338  
kathleenguinness63@gmail.com

**From:** William Graham <bounce@convio.net>  
**Sent:** Wednesday, October 11, 2017 8:02 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 11, 2017

VT Climate Action Commission

Gov Scott: Six years ago my family and I moved from Chicago to Vermont. We bought land here. We built a home here. Our son is being educated here. The reason we moved here and brought our spending power here was because of the natural beauty of the state. We want that beauty preserved and we want Vermont to be a leader, not a follower, in supporting and implementing clean energy solutions. That is wise use of tax dollar now and for my son's generation. Vermont can and should reap the economic benefits of transitioning to clean energy. It's a win for the state.

I recently returned from the country of Chile, which is investing heavily in solar energy. It's becoming the "Saudi Arabia" of solar energy in South America and will be a net exported of clean energy in 10-20 years. It's been an economic boon for Chile, which sees the light (or should I say "sunlight").

Don't let Vermont stay in the dark ages of fossil fuels. If you really want to spur economic activity, be a leader in clean energy. Thanks.

William Graham

Sincerely,

William Graham  
327 Adams Mill Rd  
Stowe, VT 05672-5069  
(802) 760-6892  
williamograham@gmail.com

**From:** anr.webmaster@vermont.gov  
**Sent:** Tuesday, October 10, 2017 8:22 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** John  
**Last Name:** Halasz  
**Email Address:** johnchaliasz@gmail.com

#### Recommendation 1

I appreciate the formation of this commission, at least insofar as there is no anthropogenic global warning and climate disruption denialism. However, I am disturbed by the ad hoc and rather arbitrary formation of the commission by executive order and its limited, short term mandate. I would recommend that the commission be re-founded by a legislative mandate next year, on a bi-, tri-, non-partisan basis, with a suitable, if modest budget, and a broad on-going mandate for open-ended public inquiry, with full citizen participation, into this urgent and vexing set of problems, which won't be going away anytime soon. (NDCAP for dealing with Vermont Yankee would be a partial model). Vermont happens to be 1 of 2 states that entered the federal union as an independent republic. (The other one is Texas, for which no further comment is needed). Yes, we're just a small slice of the world in dealing with this global issue, but we have unique resources on accordance with our republican traditions for drawing on the capacities of the public, not just as self-interested parties, but as citizens and inhabitants of this planet concerned with the commonweal. Though we can't have a large physical effect in dealing with such a global problem, drawing on our best traditions, we can do our fair share and set an example for others in terms of public courage and tolerance. Also, I would like to object to any implication in the executive order founding this commission that there is any trade-off between mitigating measures with respect to AGW&CD and economic growth or well-being, (especially if one fails to factor in the potential or likely costs of future damages). This matter is indeterminate, since we simply don't know what innovations and opportunities might be in the offing and which economic interests might be "winners" or "losers" and what the overall effects might be for the overall economy. Which is another reason for re-founding this commission on a more permanent basis.

#### Recommendation 2

#### Recommendation 3

#### Other Considerations

[Click here to view all comments](#)

**From:** Brittany Porter <bounce@convio.net>  
**Sent:** Tuesday, October 10, 2017 6:01 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 10, 2017

VT Climate Action Commission

We need clean energy solutions.

Sincerely,

Brittany Porter  
25 Adams St  
Saint Albans, VT 05478-2100  
bporter@mail.smcvt.edu

**From:** anr.webmaster@vermont.gov  
**Sent:** Tuesday, October 10, 2017 3:44 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Peter  
**Last Name:** Donovan  
**Email Address:** info@soilcarboncoalition.org

**Recommendation 1**

Climate, as well as soil health and watershed function, are truly complex and interconnected issues, and none of us know what works on a broad scale. The best thing the Climate Action Commission could do would be to help develop a shared, participatory, open-source intelligence and understanding of what works to improve soil health and watershed function, which are the foundation of our economy. For example, help ANR set up an open map for citizens and conservation districts to record water infiltration measurements on land all over the state, to be updated periodically to see change over time. Unlike many strategies that will erode trust (and pit urban against farmers), this one will grow it. What we measure, we will likely improve. With a well-developed shared intelligence, local governments and watershed groups could even hire farmers to grow deep-topsoil watersheds and clean water, and reduce taxpayers' expenses for infrastructure repair and emergencies. There are nonprofit organizations such as the Soil Carbon Coalition that could help with this.

**Recommendation 2**

Fund a volunteer Land Listeners program through UVM Extension, on the model of Master Gardeners. Land Listeners would help grow a shared, participatory understanding (local situation and trend) on soil health, watershed function, and climate resilience.

**Recommendation 3**

**Other Considerations**

[Click here to view all comments](#)

**From:** Erik Nielsen <bounce@convio.net>  
**Sent:** Tuesday, October 10, 2017 12:01 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 10, 2017

VT Climate Action Commission

I am one of many, many Vermonters who support a tax on carbon pollution. This is actually much more affordable (by returning the money to Vermonters) than the cost we are paying now in environmental degradation. I don't buy the argument that our footprint as a state is too small to matter in the big picture. Per capita we expend far more energy than other states that have more robust public transportation options. We need to put a price on carbon pollution. We are sending a strong message to you about this. Please don't be like the governor and ignore us. Thank you for your attention.

Sincerely,

Erik Nielsen  
1266 Northfield Rd  
Brookfield, VT 05036-9432  
(802) 276-9906  
erik@eriknielsenmusic.com



**From:** Peter Jones <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 10:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

Okay, it is time to make it happen: put a price on carbon pollution.  
There is no way around it, this is what we have to do. Let Vermont be the leader!

Sincerely,

Peter Jones  
8 Sebring Rd  
South Burlington, VT 05403-7835  
(802) 860-1543  
cerulean171@comcast.net

**From:** Megan Malgeri <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 8:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

Please prioritize action on climate change- we are a small state, but we can lead the way on this. We need to put a price on carbon to curb pollution and encourage decisions and actions that are good for our earth and discourage those that harm it. Thank you- please act for our children and future- use your power to fight for our kids' environment.

Sincerely,

Megan Malgeri  
545 S Prospect St Unit 33  
Burlington, VT 05401-3539  
(802) 922-4617  
meganpmalgeri@gmail.com

**From:** anr.webmaster@vermont.gov  
**Sent:** Monday, October 9, 2017 7:22 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Linda  
**Last Name:** Gray  
**Email Address:** linda.c.gray@gmail.com

**Recommendation 1**

Take a close and serious look at carbon pricing! Aside from its environmental benefits, economic analyses predict that it would have substantial economic benefits. Don't let sound bites keep you from giving this serious, rational consideration -- the stakes are too high!

**Recommendation 2**

Investigate how this UK program is structured, to see if a version of it could work in Vermont: <https://inhabitat.com/uk-government-to-install-solar-on-800000-low-income-houses/>?

**Recommendation 3**

Vermont has good energy codes for buildings, but most towns don't have the staff to enforce them. Let's figure out how to fix this!  
<https://insideclimatenews.org/news/21092017/energy-efficiency-city-buildings-code-enforcement-new-york-seattle-washington-climate-change>

**Other Considerations**

First, a comment: as a resident of the Upper Valley, I was disappointed that you didn't schedule a session at a Windsor County location! You could at least have set up interactive TV sessions. Use VW settlement money to further develop EV infrastructure. Recognize the urgency of action on this issue -- no more talking and dawdling!

[Click here to view all comments](#)

**From:** Susan Riggen <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 6:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

I urge the Climate Commission to push for a carbon tax. This is a proven way to reduce carbon emissions while transitioning to fossil-free energy.

Thank you.

Sincerely,

Susan Riggen

Sincerely,

Susan Riggen  
825 Murray Rd  
East Montpelier, VT 05651-4180  
(802) 249-5607  
sriggen@comcast.net

**From:** Rex James <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 4:36 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

We are not a Wind state but we are a Solar and Hydro state . No nukes either. We need a carbon tax to incentivize our growth of decentralized residential and commercial rooftop solar.

Sincerely,

Rex James  
30 Route 121 E  
Grafton, VT 05146  
(802) 543-2224  
rexjames@aol.com

**From:** anr.webmaster@vermont.gov  
**Sent:** Monday, October 9, 2017 2:22 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Catherine  
**Last Name:** Crawley  
**Email Address:** [crawley.catherine@gmail.com](mailto:crawley.catherine@gmail.com)

**Recommendation 1**

Vermont should institute a carbon pollution tax, specifically a fee and dividend model that would tax the carbon emissions of fossil fuel companies at the extraction and distribution level. This is my one and only recommendation above all other solutions. It must be done immediately. Vermont must lead the nation. I moved to this state because Vermonters do things right when it comes to tackling climate change and protecting our natural places.

**Recommendation 2**

**Recommendation 3**

**Other Considerations**

[Click here to view all comments](#)

**From:** Thomas Hughes <thughes@energyindependentvt.org>  
**Sent:** Monday, October 9, 2017 12:33 PM  
**To:** Tierney, June; Johanna Miller; msprayregen@veic.org; aknudsen@dynamapower.com; lmcginnis@eanvt.org; pcostello@vtrural.org; billlaberge@vermontel.net; bill@williamlaberge.com; bethany@vitalcommunities.org; Walke, Peter; Schirling, Michael; bluesprucefarmvt@gmail.com; bstevens@stevens-assoc.com; elizabeth.gamache@gmail.com; Boomhower, Michele; kristin.carlson@greenmountainpower.com; tdonahue@broc.org; joe.fusco@casella.com; peter@bournes.net; rjtco@gmavt.net; ANR - VCAC; harrisonbushnell13@gmail.com; Stuart.Hart@uvm.edu  
**Subject:** Energy Independent Vermont recommendation to the Vermont Climate Action Commission  
**Attachments:** 27 Reasons to Price Carbon Pollution 10.09.17.pdf

Dear Vermont Climate Action Commissioners,

Thank you for your service, and thank you for allowing more than 100 Vermonters the opportunity to share their support for a price on carbon pollution at public scoping sessions over the last month. At least 64% of the comments you heard favored this common sense policy, and the wisdom of that recommendation was reaffirmed this morning as the Nobel Prize for Economics was awarded to behavioral economists Richard Thaler whose work also supports carbon pricing.

Attached are some further reasons to consider this solution. There is a section for each of the agencies or sectors of the economy that you collectively represent, plus some additional sectors that should be included (health care, economics, Vermonters of faith, etc.) in your consideration.

You may also find the Additional References section at the end particularly helpful as you explore options that are commensurate with the climate crisis.

If you have questions about the attached or about carbon pollution pricing in general, the staff and supporters of Energy Independent Vermont would be happy to assist you in your work.

Sincerely,

Tom Hughes  
[Energy Independent Vermont](#)  
141 Main Street, #6  
Montpelier, VT 05602  
(802) 223-5221 x 22

**From:** anr.webmaster@vermont.gov  
**Sent:** Monday, October 9, 2017 12:26 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

[A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Tad  
**Last Name:** Montgomery  
**Email Address:** eco@TadMontgomery.com

**Recommendation 1**

The state's Comprehensive Energy Plan is being used through the Regional Planning Commissions to curtail the development of large-scale, cost effective renewable energy projects. This is completely contrary to the broader intention of the CEP, and should be stopped.

**Recommendation 2**

The Brattleboro Energy Committee has developed a Downtown Brattleboro Building Energy Program. This will be a two-year publicity campaign to help building owners undertake major energy renovations and install renewable energy systems. We need financial support to launch the program and organizational support from state agencies.

**Recommendation 3**

Increase the size of group net metered projects beyond 500 kW to 2-5 MW. This will reduce the cost of adopting off-site renewable energy for residents, businesses and organizations, as so amply demonstrated at the Windham Regional Solid Waste Districts landfill solar project. Use the CPG permitting process to assess issues regarding such projects and the potential for excess electrical transmission issues.

**Other Considerations**

Create alternatives to the growth-based economy.

[Click here to view all comments](#)



**From:** Kathleen White <kwsugarsnap@gmail.com>  
**Sent:** Monday, October 9, 2017 9:10 AM  
**To:** ANR - VCAC  
**Subject:** Gov's Commission on Climate Action

I wasn't able to attend a public hearing, so I would like the commission to know that I am in favor of the VNRC's top recommendations. I also feel the Governor needs to listen to the public when it comes to considering a carbon pollution tax. I'm sorry I have simply cut and pasted here the VNRC recommendations, but I totally agree with them and would like the Commission to know that. I hope this is helpful that I've written, despite not using my own words.

Here are VNRC's top four recommendations that I agree with and want to see implemented:

- **Prioritize building a clean energy workforce**, including training and recruitment and incentive programs to build this growing and essential sector of Vermont's economy.
- **Make smart investments with the \$18.7 million Environmental Mitigation Trust funds that the state will receive as part of the Volkswagen diesel emission settlement.** The state should invest in the most impactful greenhouse gas and public health-benefitting strategies possible – not “clean” diesel. Investments could include solutions such as electrifying bus fleets and more.
- **Put a price on carbon pollution** because it's the most effective and efficient way to reduce fossil fuel consumption and reduce taxes on other things that Vermonters value, like income, property or sales. A well-crafted carbon pollution tax – one that protects and supports low and middle income earners in particular – could reap significant environmental and economic benefits for Vermont.
- **Maintain and strengthen policies that support a smart, strategic and inclusive transition to clean energy.** Recent policies to support include: The 2015 Renewable Portfolio Standard and its cost- and climate pollution-cutting “Tier 3” energy transformation requirement as well as the Comprehensive Energy Planning underway via Act 174, where municipalities and regions are helping outline how they want to see the 90% renewable energy by 2050 goal implemented in their communities.

Thank you.

Kathleen White

27 Greenhill pkwy

Brattleboro, Vt 05301

**From:** Jerome Milks <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 9:36 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

Good morning Governor Scott,

Please support a price on carbon pollution and help to create the necessary legislation to make this possible. There is a heavy, yet hidden, cost for those things that we throw away on a daily basis... both of what we can't and can see. We need to take into consideration that daily cost and we need to hold everyone responsible for their use, both the companies and the consumers.

Thank you for your attention and hopefully your support.

Jerome Milks

Sincerely,

Jerome Milks  
3991 Green St  
Vergennes, VT 05491-9557  
(802) 545-2030  
jmilks@gmavt.net

**From:** ted Gaine <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 9:36 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

I am willing to pay for my carbon.

Sincerely,

ted Gaine  
789 Gove Hill Rd  
Thetford Center, VT 05075-8992  
(802) 785-2153  
edward.gaine@trsu.org

**From:** Terence Cuneo <bounce@convio.net>  
**Sent:** Monday, October 9, 2017 8:06 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 9, 2017

VT Climate Action Commission

In an economy such as ours, the key question is how to harness market forces in order to drastically reduce green house gas emissions. One of the best ways to do that is to tax carbon. It isn't the only part of a sound strategy, but is an important part of such a strategy (using the tax dollars to prevent potentially undesirable consequences of such a tax is another).

It's time to take action and to do so in a way that's savvy.

Terence Cuneo

Sincerely,

Terence Cuneo  
360 Chaloux Ln  
Williston, VT 05495-7312  
(802) 878-8377  
tcuneo@uvm.edu

**From:** JJ Vandette <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 10:35 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

Vermont needs to lead the way on this topic. Stop wasting time and help this state be the catalyst for the Climate Change Economy!!!

Sincerely,

JJ Vandette  
173 N Union St  
Burlington, VT 05401-3625  
jaypeakrida13@hotmail.com

**From:** Jim Paquette <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 10:05 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

I support having a revenue neutral carbon tax in the vein of what Economist Yoram Bauman described at the 2016 REV conference.

<http://www.nytimes.com/2012/07/05/opinion/a-carbon-tax-sensible-for-all.html>

Thank you for your support of our climate.

Sincerely,

Jim Paquette  
11 Woodland Dr  
Underhill, VT 05489-9220  
(802) 535-3916  
paquette.jim@gmail.com

**From:** Craig Kolk <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 6:34 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

Its time to make people responsible for there carbon footprint.

Sincerely,

Craig Kolk  
587 Chapman Ln  
Williston, VT 05495-7770  
(802) 578-5666  
w1zn@yahoo.com

**From:** Kati Gallagher <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 6:34 PM  
**To:** ANR - VCAC  
**Subject:** Please Consider: Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

To my knowledge, there is not sufficient evidence to support Gov. Scott's claim that *any* carbon tax policy would be detrimental to Vermont. Given the dire environmental and economic time in which we live, I would like to ask the Commission to not discard any idea (carbon tax or otherwise) that may have the potential for significant, positive, much-needed change.

I am a proponent of putting a price on carbon pollution. I am also, like most other people, deeply concerned about the well-being of low and middle-income Vermonters, as well as the general economic state of Vermont. I have seen the research that shows carbon taxes can work, especially in places like Vermont where we don't produce fossil fuels; that said, I do not believe any old carbon tax policy would be beneficial, and I do understand the complexities of undertaking such a policy. But to say no without considering the options seems simply foolish.

I, and everyone else in my generation and beyond, are counting on folks such as yourselves to accept the challenge of climate change and make hard decisions. Vermont is a leader, and a partner. We're all in this together, and we need everyone to act.

Thank you for serving on this important committee, and taking the time to listen to the concerns of citizens.

Sincerely,

Kati Gallagher  
20b Conger Ave  
Burlington, VT 05401-5234  
kngallag@gmail.com



**From:** Manny Mansbach <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 4:04 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

Stop supporting giant fossil fuel energy companies, institute a common sense carbon pricing system, and help Vermont transition to clean and more local energy.

Thanks. We're depending on you to help protect our future.

Sincerely,

Manny Mansbach  
7 Reed Rd  
Athens, VT 05143-8578  
(802) 869-4000  
satisukha@gmail.com

**From:** Erik Rehman <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 8:03 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

Given the climate, both politically and ecologically, it's imperative that all steps to reduce the impact of fossil fuels be implemented without reserve. Furthermore, I would counter the conjecture that such a tax would inhibit economic interests; in fact, I see such actions as welcoming more "green" companies and job creators to the state, being that such laws would be both a benefit and a draw for them, thus growing Vermont's economy. The more we can engage in actions that reduce pollution, the more we can display our commitment to, and accountability for, decreasing our carbon footprint.

Sincerely,

Erik Rehman  
63b Taylor Ave  
Bristol, VT 05443-1012  
(802) 865-2671  
erikrehman@yahoo.com

**From:** JAMES LUDWIG <bounce@convio.net>  
**Sent:** Sunday, October 8, 2017 5:33 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 8, 2017

VT Climate Action Commission

Commission,

While you may not get the attention due you, your work is of inestimable importance.

Future generations will look back and say "thank goodness some one did something in time."

'Thank you for your efforts.

~~~~~ Jim Ludwig Tunbridge

Sincerely,

JAMES LUDWIG  
88 Falls Hill Rd  
Tunbridge, VT 05077-9563  
(802) 889-9422  
jim@ludwig.net

**From:** Leila Black <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 11:32 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

Do you have the vision to see a healthy environment for your family?  
Do you want to have access to clean air, healthy food, safe drinking water and still to be warm/cool in your home and have transportation?

We must think bigger than this moment.

Let's use tax money on these dark fuels to create education and jobs that will improve, not pollute our beloved state.  
Let's move into the 21st century with a new vision.

California's Elon Musk of Tesla and solar roofs cannot be the only progressive thinker making money off of new ideas. We can do it too!

Sincerely,

Leila Black  
907 Halladay Rd  
Middlebury, VT 05753-9152  
hillmanleb@gmail.com

**From:** William C. Thwing &#226;bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 9:02 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

Climate Action Commission Public Hearing Manchester, Vermont September 21, 2017

Hi, My name is Bill Thwing, I live in Bennington ...where my wife and I are members of Bennington Climate Advocates which is a node of 350.org. I am also a member of the Citizen's Climate Lobby which is based in Burlington.

We want to thank Governor Scott and the members of the Climate Action Commission for coming here to Southern Vermont to listen to our concerns.

Although I presented this at the hearing, I was cut off in the middle of my presentation at 2 minutes and was unable to finish. therefore, I am submitting my full testimony here .

We are here to affirm unequivocally that Climate Change is very real, and that it is going to have profound and lasting effects upon our

state, our nation and indeed upon our entire civilization. Six years ago, Vermont experienced the wrath of hurricanes Irene and Lee. Some of the damages of those storms have still not yet been repaired. That little storm cost Vermont 733 million dollars to repair and cost the nation \$15.8 billion. The storms that we are currently experiencing at this very moment, - Harvey, Irma, Jose and Marie which are said to be some of the largest storms in recorded history are estimated to cost the nation 300 billion to repair.

It's not going to get any better. Every year the storms are going to get bigger, more destructive and more costly to repair until we get serious as a nation and as a state about responding to the threats of Climate change ...decisively.

Looking South.....At the hurricane response of states like Texas and

Florida: Vermont needs to be prepared to deal with the extreme weather events that are surely coming in the next few years. We need to have a plan and citizen first responders who are knowledgeable of the plan and are prepared and equipped to implement the plan when extreme weather events besiege us.

Looking to the North....we see a whole different kind of solution...a preventative solution, an economic solution, a multi trillion dollar...

clean technology adoptive solution and clear path to getting rid of the polluting carbon based fuels that are causing these extreme weather events and then moving forwards towards....a totally non-polluting, clean fuels based electrification of the national grid.

I lived in Canada for many years - both in Alberta and in British Columbia. In 2008, British Columbia, where I went to school, took a bold step and enacted a progressive revenue neutral carbon pollution fee and dividend "tax." It has been praised as the most significant carbon tax in the Western Hemisphere. It has transformed the economy of British Columbia. As of 2012, it was frozen at \$30/ ton of carbon

equivalent emissions. As of this coming April, British Columbia will be adding \$5/year to the tax until it reaches \$50.00/ton in 2021. It has enabled British Columbia to economically out-perform every other Canadian Province since its inception in 2008 It has reduced British Columbia's carbon emissions dramatically since 2008(16% as of 12014 while Canada's rose 3% during the same period) And, thru their climate action tax credit system, it has insured that low and middle income families in British Columbia have benefitted from the transition to a clean energy economy. It has also provided an example of what is possible to all of Canada and North America. Ass of 2018, 100 % of Canadian Provinces will have a revenue neutral carbon tax floor price of at least \$10/ton.

It may not be the final solution to accelerating climate change but it is a huge step in that direction and once implemented and fine-tuned offered a logistical platform of raising the revenues essential to deal decisively not only with climate change but with many other problems of

state. All things are possible for those who are willing to take risks in dangerous times.

We urge Governor Scott and the Climate Action Commission to look both North and South for solutions to dangerously

escalating Climate Change and the extreme weather events which will inevitably accompany it. If small and nimble state like Vermont is willing to take the initiative, and set the example, we believe that there now is a growing bipartisan "Climate Solutions Caucus" in the US Congress that will be urging the rest of the nation to follow suit. We support and strongly urge Vermont to put a price on carbon pollution. I repeat "Put a price on carbon pollution"

Again,... we thank Governor Scott and the Climate Action Commissioners of Vermont for listening to the concerns of our citizens.

William C. Thwing  
318 Silver Street  
Bennington, VT 05201  
Istchurch1@verizon.net  
802-681-6714

Sincerely,

William C. Thwing  
318 Silver St  
Bennington, VT 05201-2463  
(802) 681-6714  
istchurch1@verizon.net

**From:** Robin Gorges <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 8:02 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

It's time for Vermont to put a price on the polluting fuels that the gas and oil giants are bringing into our state and put that money in Vermonters' hands so they can transition to affordable, efficient clean energy. It's time to put a price on carbon pollution.

Sincerely,

Robin Gorges  
216 Main St  
Montpelier, VT 05602-2432  
(802) 222-2222  
dcwkmv@gmail.com

**From:** Jesse Lepkoff <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 2:31 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

I firmly believe that we must do all we can to stop our planet, our earth our mother from being irreparably ruined for human life now before its too late.

don't you see. Its really the most important thing for the future generations.  
Please ask the commission to recommend a price on carbon pollution.

Sincerely  
Jesse leploff

Sincerely,

Jesse Lepkoff  
314 Upper Houghton Rd  
Brattleboro, VT 05301-4500  
(802) 254-2273  
flauto@sover.net



**From:** Mark Rosolen <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Oct 6, 2017

VT Climate Action Commission

I agree with Governor Phil Scott's position opposing a carbon tax and desire to put a focus on other solutions that promote clean energy while improving affordability in Vermont.

Sincerely,

Mark Rosolen  
125 Pioneer Rd  
Hinesburg, VT 05461-9711  
boatermark@hotmail.com

**From:** Margaret Heale <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:55 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

Oct 4, 2017

VT Climate Action Commission

I do not think making people pay if they pollute is a solution to the pollution problem. What it will mean is that people who can afford to pay will pollute. The concept of a carbon tax is flawed. We need to make people take responsibility for their actions and appreciate that money can not buy you out of the problem. A carbon tax will add further layers of legislation and bureaucracy .education is the key we should be putting the money where it will do the most good.

thank You  
Margaret

Sincerely,

Margaret Heale  
PO Box 323  
5 Mill St,  
Saxtons River, VT 05154-0323  
(802) 376-8249  
healewoc@gmail.com

**From:** Rachael Carr <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:24 PM  
**To:** ANR - VCAC  
**Subject:** Carbon tax is not the answer

Oct 4, 2017

VT Climate Action Commission

Please don't be bullied by a few that have the audacity to say they speak for the public. A carbon tax will hurt to many of our already struggling citizens.

Sincerely,

Rachael Carr  
147 Federal St  
Saint Albans, VT 05478-2013  
(802) 309-5872  
carr.rachael@gmail.com

**From:** Albert Martinez <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 11:31 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

If there can be a usage tax on gasoline and other fuels, there should be a tax on carbon emissions.

Basis for the tax, should be related to the ability to curb the amount of carbon released. If an industry use of carbon generating materials, the tax should be based on the amount of generating ability of that fuel. Whether it be a fleet of trucks or individual personal vehicles there should be an annual tax broken down to a daily amount that is expected from their usage. It is a complicated algorithm that should be adjusted for cost of fuel, cost to mitigate the amount of carbon and availability of tools to further mitigate the release of the carbon.

Putting all of that into a legal document would create our legislature to understand more than high school math and chemistry. It requires the most intelligent young people to work and evaluate htis document on an annual basis and to incorporate this into everyday life.

I hope someone can do this work because our lives are complicated by everyday usage of those carbon generators.

Sincerely,

Albert Martinez  
54 Garden Ln  
Colchester, VT 05446-7077  
awm54gl@gmail.com

**From:** Stephen Gilmore <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 10:01 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

IT'S POLLUTION OF EVERY KIND...WITH TRUMP TRYING TO DESTROY EVERY SAFEGUARD TO PUBLIC HEALTH BY ELIMINATING OBAMA'S SAFETY REGS...AND CUTTING EPA, AND OTHER AGENCY BUDGETS...THE GOVERNOR NEEDS TO STAND WITH THE VOTERS OF VERMONT, REAL PEOPLE WHO NEED A TRUE CHAMPION WHO PROMISED TO PROTECT US, OUR AIR & WATER AND THE FUTURE OF OUR PLANET AND THE HOMES OF OUR CHILDREN

Sincerely,

Stephen Gilmore  
797 E Arlington Rd  
Arlington, VT 05250-8419  
steve-gilmore@comcast.net

**From:** James Wuertele <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 9:31 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

Demand USD\$ 30 per metric ton and accept 10.

Sincerely,

James Wuertele  
198 Church St  
Saint Johnsbury, VT 05819-2151  
(802) 748-8813  
wuerteles@myfairpoint.net

**From:** Bruce Macduffie <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 8:31 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

My wife and I urge you on the Climate Action Commission to put a price on Carbon pollution, and further to detail how the funds collected will be used in Vermont. In the interest of the health of the planet for our children and grandchildren, let alone in Vermont, we view this as an essential step on the way to meeting the goals Vermont, and indeed, Governor Scott have been espousing. Vermont clearly will be setting a model for other states to follow if we enact the carbon price, and given the federal government's disinterest in the matter, doing so at the state level may be the only way forward for the future health of both our state, nation, and earth.

Sincerely,

Bruce Macduffie  
3207 Us Route 5  
Westminster, VT 05158-0928  
(802) 518-2004  
blmacduffie@comcast.net

**From:** Mary Zentara <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 8:01 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

Dear Phil,

It's time to put a price on pollution. We need to take string action now. We've had the hottest fall on record and record breaking hurricanes in the Caribbean. Renewable energy is available. It's time to charge gas and oil giants and save our planet. Tax revenue can be used by Vermonters to transition to affordable, efficient clean energy.

Sincerely,  
Mary

Sincerely,

Mary Zentara  
20 1/2 First Ave.  
Montpelier, VT 05602  
(802) 595-4255  
[mary@northbranchnaturecenter.org](mailto:mary@northbranchnaturecenter.org)



**From:** Carole Petrillo <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 7:31 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

To the commission,  
Please recommend a price on carbon pollution for Vermont.

The truth is, a price on carbon pollution can strengthen Vermont's economy and make sure that low- and middle-income Vermonters are not only protected, but prioritized in a way that allows them to transition to cleaner energy options and save money on their energy costs.

Sincerely,

Carole Petrillo  
498 Cream St  
Thetford Center, VT 05075-8776  
jimpetrillo49@gmail.com

**From:** Richard Joy <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 7:31 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

It's time for fossil fuel companies to be penalized for the impact, scientists confirm, their industry is having on the planet. Please put a tax on carbon pollution as a way to offset the burden high taxes have on ordinary citizens. Thanks.

Sincerely,

Richard Joy  
Sebring Rd  
South Burlington, VT 05403  
(802) 318-5466  
rjoy1217@hotmail.com

**From:** Rick Barstow <bounce@convio.net>  
**Sent:** Saturday, October 7, 2017 3:00 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 7, 2017

VT Climate Action Commission

Dear Climate Commission.

I was one of those testifying in St Johnsbury and would hope that you would not ignore the majority of the testimony in favor of pricing carbon. I know Gov. Scott has dismissed this and says he will not even consider this. I really think you as a commission need to show some independence and strongly push for such a bill to be at least discussed. If not, it would make this whole exercise out to be purely for show, to make it appear that Gov. Scott is being on board in dealing with the growing urgency of climate change. This is not real leadership. Is he afraid to open this issue up for serious statewide discussion?

Sincerely, Rick Barstow

Sincerely,

Rick Barstow  
Sodom Pond Rd  
Adamant, VT 05640  
(802) 223-3311  
rbarstow@ezcloud.com

**From:** Nathan Fry <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 11:00 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Climate Action Committee-

I strongly urge you to enact a carbon tax as part of Vermont's move towards fulfilling Gov. Scott's vision for the future of Vermont. A carbon tax will encourage the growth of green businesses in Vermont - companies that we want to come to our state, rather than polluting industries that will degrade our environment. Although the carbon tax will certainly pose a challenge to certain Vermonters who rely on their vehicles for extensive driving, I am confident that your commission can determine how to implement the tax in a manner that discourages pollution, prices externalities fairly, and ensures that the Vermonters that still rely on fossil fuels for heating or transportation are not harmed.

Bring our great state forward towards a bright, clean future, not backwards.

Sincerely,

Nathan Fry  
121 Texas Hill Rd  
Hinesburg, VT 05461-3160  
(318) 466-3213  
nathan.fry13@gmail.com

**From:** Kelly Murphey <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 11:00 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

I hope this message finds you enjoying Vermont's summer in October! As nice as this may be, I grew up donning flannel and firing up the wood stove this time of year. The planet is warming and we can do something about it. So, as a state, let's lead by example and DO SOMETHING ABOUT IT! In the dark age of Trump let's be New England's guiding light and put a price on carbon. Tax polluters and use the extra revenue to ramp up Vermont's electric vehicle incentives and infrastructure (being that transportation is Vermont's biggest carbon pollution source) while providing assistance to low-income folks who could be potentially hurt by this tax. Be brave, take a stand and live up to Vermont's "brave little state" creed!

Sincerely,

Kelly Murphey  
2864 Stowe Hollow Rd  
Stowe, VT 05672-4533  
kellymurphey@aol.com

**From:** Ralph Corbo <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 9:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

the people of vermont have spoken but phil scott is trying to ignore us  
- he's making a joke out of the climate action commission - we want a price on carbon pollution now

Sincerely,

Ralph Corbo  
698 Maranville Rd  
East Wallingford, VT 05742-9643  
(802) 259-3083  
ralph259@vermontel.net

**From:** Sharon Racusin <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 9:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

A carbon tax is absolutely necessary. Lure renewable businesses into Vermont. We can make Vermont a desirable place to live and do business by implementing Act 48 and separate health insurance from business and give all Vermonters health care with a single payer.

Then finally invest in trains and light rail. Let's get people moving around the state, cleanly and efficiently so that we can enjoy, work and live in this state.

Sincerely,

Sharon Racusin  
76 McKenna Rd  
Norwich, VT 05055-9426  
(802) 649-1496  
sdracusin@gmail.com

**From:** Kristine Winnicki <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 9:00 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

It's time to make a real difference in our fight against the ill effects against climate change.

Sincerely,

Kristine Winnicki  
PO Box 28  
Chester, VT 05143-0028  
(802) 875-3115  
kwinnicki@hotmail.com



**From:** Linda Sukop <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 9:00 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

It's time to put a price on carbon pollution and use that money to move toward a clean energy future. Let Vermont lead the way. Thank you.

Sincerely,

Linda Sukop  
33 North Ave Apt 13  
Burlington, VT 05401-5226  
(802) 825-8335  
linda.sukop@gmail.com

**From:** Tim Hoopes <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 7:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Time to put a price on Carbon. Stop the charade of the fossil fuel industries. Move to renewables in a steady and sustained effort, and stop polluting.

Sincerely,

Tim Hoopes  
329 Swamp Rd  
Hinesburg, VT 05461-3127  
(802) 482-3203  
thoopes@gmavt.net

**From:** Jack Clay <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 6:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Hi,

It's time we users of carbon pay the true price for using it instead of letting the public commons absorb this cost. Carbon pricing means those who use it pay for it and are not subsidized by those who don't.

This can only help us realize how much carbon use truly affects us so please help us move away from fossil fuels and towards a sustainable and environmentally friendly future.

Sincerely,

Jack Clay  
33 K Ln  
Middletown Springs, VT 05757-4470  
(802) 235-2651  
jclay.second@gmail.com

**From:** Elizabeth Bancroft <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 5:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

I am joining the majority of Vermonters who believe that pollution is not OK or an unavoidable side effect of business as usual. It harms everyone, from the microbes, pollinators and trees we depend on all the way to humans ourselves. It is time to put a price on pollution, to make businesses think deeper about their impacts on their neighbors and give them incentive to find ways to avoid it. Taxpayers should not be paying for others' pollution, not in what we pay for health care, not in reduced yields in our farms, and not in our quality of life. Please listen to the citizens of Vermont and tax pollution!!

Sincerely,

Elizabeth Bancroft  
PO Box 203  
East Barre, VT 05649-0203  
(802) 476-5031  
alchemilla@myfairpoint.net

**From:** Marsha Bancroft <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 5:30 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Please make the people who are causing carbon pollution pay for it.

Sincerely,

Marsha Bancroft  
536 W Hill Rd  
North Middlesex, VT 05682-9658  
mbancroft@mac.com

**From:** Chelsea Lynes <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 4:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

We need change and taxes seem to reduce consumption.

Sincerely,

Chelsea Lynes  
9340 Scotch Hollow  
Newbury, VT 05051  
(802) 249-8925  
chelsea.lynes@gmail.com

**From:** Nancy Mallery <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 4:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

As Dr. James Hansen stated in his most recent blog posting, "The annual increase of greenhouse gas is increasing, not decreasing! That growth continues up to the present. CO2 and CH4 are increasing faster than a decade ago... Wetland CH4 emissions seem to have increased; CH4 leaks during fracking may contribute. However, the main point is that emissions of CO2 and CH4 are not decreasing rapidly, as they must if we are to avoid leaving young people climate change running out of control. ..."

Please watch this video to the ending share it widely:

<https://www.youtube.com/watch?v=Mm57xlazv4I&feature=youtu.be>.

A simple, honest carbon fee-and-dividend, unlike California's example, which could have led the world to a climate solution, is now on the table for our state. Vermont can lead the way. We can do it. It needs to happen now! It's our last chance to win the war on climate change!

Our children and grandchildren deserve to have a chance to survive on the planet we are leaving to them.

Sincerely,

Nancy Mallery  
1749 Wrights Mountain Rd  
Bradford, VT 05033-8143  
(802) 439-6675  
[nancy@greenenergytimes.org](mailto:nancy@greenenergytimes.org)

**From:** Liisa Bradley <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 3:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Facing the reality is one of the hardest things in this life. We cannot argue about the science any more. We are destroying our own world with our practices.

A tax on carbon is an effective tool. Look at Europe! Small cars, energy efficient living with the help of good design and engineering, but the key is the expense of carbon to a citizen.

Please consider saving the environment by adding a carbon tax.

Sincerely,

Liisa Bradley  
945 Long Meadow Hill Road  
Calais, VT 05648-0062  
(802) 223-7362  
liisadb@myfairpoint.net



**From:** Miriam Pendleton &t;bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Carbon pollution

Oct 6, 2017

VT Climate Action Commission

Dear Commissioners,

Thank you for serving on this important commission. There is no more serious threat to Vermont and the entire planet than climate change - not terrorism, mass murderers, or war. Climate change might not make a dramatic news story but it is the most dangerous event humanity is facing.

More people will be displaced by climate change (which will render coastal and equatorial regions largely uninhabitable) than all current conflicts, so if you think we have a migrant problem now, buckle up!

The good news is that we can do something about this and simultaneously improve air and water quality, human health, and the economy. Many of the same sources of climate-damaging greenhouse gas also produce harmful chemicals and particles that lead to acid rain which harms whole ecosystems and damages human health, especially in people who have respiratory or cardiac illnesses. By putting a price on carbon pollution, the energy and transportation sectors of our economy would innovate and create new infrastructure, products and jobs. Lots of jobs! The energy sector is a huge chunk of the world economy.

That is why the entrenched interests (extraction industries) are loath to see any changes to their very profitable businesses - and they have extraordinary influence over our Federal government. Therefore, the states have to step up and keep the progress to a clean energy future going. By requiring polluters pay the full cost of the impacts of their private for-profit businesses, revenue would be available to upgrade infrastructure to be more resilient, improve mass transportation, and help people make their homes and businesses more energy efficient.

We really can do this! We need bold policy now to transition to clean energy and mitigate the worst impacts of climate change. I would be happy to pay more for gasoline if the additional cost went to fight climate change. Let's not be remembered by our children and grandchildren for the generation that could have done something to stop climate change but did nothing! Put a price on carbon pollution. We should have started decades ago!

Sincerely,

Miriam Pendleton  
27 Harvey Rd  
Underhill, VT 05489  
(802) 899-2031  
mim.pendleton@uvm.edu

**From:** Marilyn Bush <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

A price on carbon pollution will reduce Vermont's contributions to climate change. Please recommend a price for carbon pollution.

Sincerely,

Marilyn Bush  
267 Bliss Pond Rd  
Calais, VT 05648-7590  
(802) 223-0667  
marilynjbush@gmail.com

**From:** Susan Mills <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Instead of subsidizing fossil fuels, let's put a price on them. It is urgent that we get off fossil fuels and encourage renewable energy sources.

Sincerely,

Susan Mills  
3356 VT Rte. 66  
Randolph Ctr., VT 05061  
(802) 728-9033  
millsvt@gmail.com

**From:** Kimberly Eckhardt <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

I feel that the only way to get companies that financially benefit from actions that damage our environment through climate change, to alter their practices, is to hit them where it matters most to them, in the pocket. I would be willing to pay more for these items in order to force change in myself, as well. I see this as necessary to push our society to put an increased value on our planet.

Sincerely,

Kimberly Eckhardt  
36 Hesseltine Rd  
Landgrove, VT 05148-9629  
(802) 824-3792  
keckhardt08@gmail.com

**From:** David Ellenbogen <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** It is time to put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Please do the right thing and give people an incentive to reduce carbon emissions. It makes sense to tax that which is bad for people and sending carbon into the atmosphere is just that.

Sincerely,

David Ellenbogen  
PO Box 193  
Calais, VT 05648-0193  
(802) 363-6868  
pianomath@gmail.com

**From:** Sara Burchard <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

No one can deny the rapid changes in the climate we have expected, the large fluctuations, this extreme weather, everything I read about from climate scientist and their prediction if we didn't put a cap on co2 in the atmosphere. Will, we are there, way ahead of schedule, and it is terrifying.

VT and Vermonters have been very good at working towards sustainability, especially compared to other places in the US. However, we have to do something more, some more serious, something more costly to REALLY begin making a difference. That is a carbon tax on emissions!! Corporations, businesses, and just plain people cannot expect to continue with their life styles and incomes unaffected if we want to have even a chance at controlling what,s happening to our planet, and hence, ourselves! The time was YESTERDAY, but TODAY and TOMORROW are the best chances we have!

I implore you to get behind a carbon tax!

Vermont can again be a leader!!!

Sincerely, Sara Burchard

Sincerely,

Sara Burchard  
177 Killarney Dr  
Burlington, VT 05408-2703  
(802) 862-2236  
sara.burchard@uvm.edu

**From:** Patsy Cushing <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Please put a meaningful price on carbon pollution in Vermont, whether on those who travel through (truckers, trains) or those who live and work here, myself included!

Sincerely,

Patsy Cushing  
PO Box 2101  
Brattleboro, VT 05303-2101  
(802) 579-1348  
cushingp@gmail.com

**From:** Patricia Williams <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Please just do it. When will protecting the planet as our only home be seen by those in power as the good and indeed vital, URGENT job and obligation to all life?

Sincerely,

Patricia Williams  
1093 Old Post Rd  
Bradford, VT 05033-8852  
(802) 280-5665  
phs@sover.net



**From:** John Rosenblum <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

I'm personally driving a electric vehicle now and there are no downsides, especially for a 2 car family. Let's have Vermont take the lead on preserving this world for our children future!

Thanks,  
John Rosenblum

Sincerely,

John Rosenblum  
PO Box 205  
Calais, VT 05648-0205  
(802) 555-5555  
john.rosenblum@gmail.com

**From:** Carrie Walker <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Please recommend a price on carbon pollution. We need to transition to affordable, efficient clean energy. This is so important.

Sincerely,

Carrie Walker  
169 Hague Rd  
Dummerston, VT 05301-9518  
(802) 254-5546  
cwalker@svcable.net

**From:** Michael Gore <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 2:01 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Members of the Commission,

As the summer winds to a close can look back on a summer of overwhelming climatic chaos. I am increasingly concerned about what the future holds not just for Vermont, but the wider world. It's time for Vermont to put a price on carbon pollution as a way of encouraging business to address climate change. Already we are seeing car companies such as Volvo and GM begin to admit that the future for automobile companies is electric. As carbon pollution becomes more expensive, more companies will begin to make the change.

Sincerely,

Michael Gore  
36 Dugar Rd  
Worcester, VT 05682-9796  
(802) 505-5181  
iowagore@gmail.com

**From:** Rebekah Tolle <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

I am willing to pay more for my use of carbon fuels.

My wife and I have taught science and math in Vermont since 1986. As a person fortunate enough to be able to work with young adults all day long, I get the chance to see firsthand the optimism of people who haven't yet had the chance to make too many personal decisions that they later rued, and who aren't jaded by greedy politicians and corporations since they haven't made too many big financial decisions themselves. I can, unfortunately, see the seeds of such skepticism, though. When I first had the chance to teach an Environmental Studies class about 20 years ago, one of the things we discussed was the potential of our society entering "the Environmental Age", when we would understand that the laws of biology, physics and chemistry (that no one argues with) could inform us about Laws of Sustainability that could govern how we live and help us make important decisions as a society. Please, (please!) let this decision about all of us paying for our use and disposal of carbon be a sure sign that we are indeed entering that age! We are mature enough to know that ALL important decisions are not only Economic decisions, but also ones of Equity, and Ecology -- it is important to remember how closely the three are entwined, and (dangerous) (ridiculous) (short-sighted) (selfish) to ignore that fact.

Dan Tolle  
Mount Mansfield Union High School

Sincerely,

Rebekah Tolle  
58 Bill Cook Rd  
Underhill, VT 05489-9467  
(802) 899-4550  
dan.tolle@cesuvt.org

**From:** Suzanne Fredericks <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Our small town is going to need lots of support to reach the state's renewable energy goals ahead. This will benefit small towns and their residents, like ours.

Sincerely,

Suzanne Fredericks  
1033 Bullock Rd  
Brandon, VT 05733-9141  
(802) 247-3479  
spf@sover.net

**From:** Kathi Squires <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Thank you for reading this short message.

Please put a price on Carbon Pollution.

Sincerely,

Kathi Squires  
5635 Randolph Rd  
Morrisville, VT 05661-8117  
(646) 248-4966  
klsquires6@gmail.com

**From:** Andrew Chalnick <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

Taxing pollution rather than income, property or consumption is just common sense. A carbon tax can be coupled with carbon dividend to protect the lowest income folks who could be impacted by the tax. VT's economy, which is not itself a producer of fossil fuels, will benefit from a carbon tax. Most importantly, WE OWE IT TO OUR CHILDREN TO PROTECT THEIR FUTURE. Economists unanimously agree that a carbon tax is the BEST way to do that.

Sincerely,

Andrew Chalnick  
670 Nowland Farm Rd  
South Burlington, VT 05403-8107  
(973) 919-2163  
andrew@chalnick.net

**From:** Catherine Lowther <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:59 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

We need a tax on carbon.

Sincerely,

Catherine Lowther  
144 Kent Hill Rd  
Calais, VT 05648-7602  
lowthervt@gmail.com



**From:** Garret Hobart <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 1:29 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

After much thought about possible ways to reduce carbon emissions, I have come to the conclusion that the most effective way would be for Vermont to enact a carbon tax.

Sincerely,

Garret Hobart  
1155 Dairy Hill Rd  
South Royalton, VT 05068-5316  
(802) 763-8766  
hobartg@msn.com

**From:** Jack Fredricks <jack@cabinetree.com>  
**Sent:** Friday, October 6, 2017 10:49 AM  
**To:** ANR - VCAC  
**Subject:** Climate Commission Comment

Vermont's Republican Governor needs to buck his party or change parties, and support all we can do to prevent climate catastrophe. Our children or at the outside our grandchildren will have a world of our making that we should never wish on anyone. We must reach 90% renewables asap. The cost is long term far more than any more waiting.

I support pricing carbon, and am willing to see our costs go up for future generations well being.

Jack M Fredricks

344 Depot Rd

Williamsville, VT 05362

[jack@cabinetree.com](mailto:jack@cabinetree.com)

802-254-2224

cell (Jack's): 802-254-0498

Cabinetree

428 Canal St.

Brattleboro, VT 05301

[www.cabinetree.com](http://www.cabinetree.com)

**From:** James Wuertele <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 9:29 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 6, 2017

VT Climate Action Commission

There are no politics in pollution. Do not wait for protection to do the right thing. Wise up or admit you are inadequate to lead.

I am the St. Johnsbury Energy Coordinator.

On efficiency, I have a super-insulated home with a HERS rating of 35.

On energy generation, I have a solar domestic hot water system and have invested in solar panels.

These are options to a resident.

But you, you who must be a leader, you have the precious and rare chance to lead Vermonters towards a better future for all.

Sincerely,

James Wuertele  
198 Church St  
Saint Johnsbury, VT 05819-2151  
(802) 748-8813  
wuerteles@myfairpoint.net

**From:** William McDonald <bounce@convio.net>  
**Sent:** Friday, October 6, 2017 12:28 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

Ladies and Gentlemen:

I was very disappointed to learn that our governor seems to have dismissed citizen concern for climate change by having rejected putting a price on carbon pollution.

This is something that informed people support. It is fundamental to leaving this planet a fitting place for our progeny. We must admit that life on this planet is similar to balancing something on the edge of a knife. We take our environment for granted at our peril. It is past time to use our intelligence rather than continuing to employ "knee jerk" solutions. Please consider placing a price on carbon pollution for the sake of our children, grandchildren and those yet unborn. It is the responsible thing to do.

Sincerely,

William McDonald  
18 Linden Hill Cir  
Woodstock, VT 05091  
(802) 457-3452  
wjm2223@cs.com

**From:** Brian Forrest <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 11:28 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

When listening to your Vermont constituents, it is also heed their call. In tis case it is for a price on carbon. There are many ways to price carbon, some that are revenue neutral for low income Vermonters and some that are tax neutral and will have no cost impact. For the governor o come out and say that he will veto any carbon tax indicates that he is not really interested in facing our climate challenge but merely to seem like he is while protecting his fossil fuel donors. Despite the governor's promise to veto this ides, please send it on to him anyway and make him defend his statement as no other action will have as much as an influence on climate and the commitment we are asking the government to make on our behalf as a carbon tax.

Sincerely,

Brian Forrest  
114 Williston Woods Rd  
Williston, VT 05495-9582  
(802) 244-1889  
blforrest@comcast.net

**From:** Greg Hostetler <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:58 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

It's time to stop our climate denial and work on our fossil fuel addiction. Please put a price on carbon so that we advance our economy and reduce our tax burden.

Sincerely,

Greg Hostetler  
20 River St # A  
Winooski, VT 05404-1918  
hostetler.greg@gmail.com

**From:** Patricia Williams <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 7:58 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

Don't Trump the planet!

Sincerely,

Patricia Williams  
1093 Old Post Rd  
Bradford, VT 05033-8852  
(802) 280-5665  
phs@sover.net

**From:** Sara Lourie <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 4:27 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

I do not understand why the price of gas is so cheap here in America.

In England it is three times as much . . . and rightly so. If gas prices are increased, people will think twice about filling their gas tanks, and extra tax money could go towards mitigating pollution caused by fossil fuels. I urge you to recommend a price be placed on carbon pollution.

Thank you for listening to my comment.

Sincerely,

Sara Lourie  
801 Rt 1085  
Jeffersonville, VT 05464  
(802) 585-0223  
sara.lourie@mail.mcgill.ca



**From:** Eleanor Zue <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 4:27 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

I do feel strongly that putting a price on carbon pollution is a wise and reasonable way to reduce the appearance that the burning of fossil fuels has no environmental cost, and I hope, also to reduce their use in favor of other energy sources. I am very much against fracking, and am trying in my own life to reduce my dependency on fossil fuels, and would not mind if the prices of gasoline and fuel oil went up due to being taxed. It would be money that I hope would go toward improving energy efficiency on the state level, maybe introducing electric school buses. Whatever is the best use for the income from the tax, I would hope that it would help those with lower income convert to more energy efficient homes and help with transportation in some way, like more access to public transportation.

Sincerely,

Eleanor Zue  
6645 Vt Route 113  
Vershire, VT 05079-9716  
(802) 685-3182  
eleanorz@sover.net

**From:** Joel Eisenkramer <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 4:27 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

It's time to tax the biggest polluters. I don't care about political backlash and neither do true leaders. We need to act monumentally and decisively to insure that Vermont continues to be a green oasis in a rapidly over developing world. This is not just for sentimentality; Vermont's greenness, of its terrain and its policies, is what attracts our tourist economy and folks moving here from out of state to contribute to our economy.

Sincerely,

Joel Eisenkramer  
PO Box 1002  
Brattleboro, VT 05302-1002  
j.eisenkramer@gmail.com

**From:** Ellen Keene <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:57 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution with Carbon Fee and Dividend

Oct 5, 2017

VT Climate Action Commission

Dear Folks,

Have you heard of the Citizen's Climate Lobby?

This is a direct quote from an article about the gubernatorial candidate in Minnesota by P Finkelstein,

"You don't have to be around CCL for very long before you hear the phrase "Carbon Fee and Dividend." That's the revenue-neutral carbon pricing plan we lobby Congress to enact. It puts a steadily rising price on carbon emissions and returns the revenue to American households in the form of a dividend. This would discourage further greenhouse gas emissions, spur innovation in the energy sector, and stimulate the economy by putting money in people's pockets."

What is not to like about this? Let's join other innovative states and get this going. There is also the House Bipartisan Climate Solutions Caucus in the US House of Reps that now has 60 members and growing every day. It's headed by a Republican and a Democrat both from Florida. This is a win win proposition. You don't have to reinvent the wheel--CCL and the House Climate Solutions Caucus are already working this out. Here's Minnesota gubernatorial candidate Rebecca Otto's proposal for her state:

" The Minnesota-Powered Plan, as she calls it, has three central features. First, it would set a carbon price at \$40 per metric ton, which is calculated to generate \$4.45 billion in the first year. The price would increase by 10% each year for 18 years. Of the revenue generated from the carbon price, 75 percent would fund quarterly cash dividends paid out to every Minnesota resident. The dividends would equal "an estimated \$600 annually, paid to every Minnesota resident of any age." More money in the pocket means greater spending power, invigorating the economy.

The other 25 percent of the carbon price revenue would go toward clean energy refundable tax credits, which would be available to every Minnesotan. These tax credits would cover "30 percent of the cost of switching to new and used EV cars, installing solar panels, changing out water heaters, furnaces and air conditioners for heat pumps, and installing triple-pane windows and insulation." Otto says tens of thousands of new private sector jobs would be created in the process, stimulating the local economy. And as new businesses are established to keep up with demand, she anticipates an increase in wages while living expenses are driven down by the money-saving efficiencies of clean and renewable energy technologies."

Please get on board and thanks!!!!  
Montpelier resident, Ellen Keene

Sincerely,

Ellen Keene  
8 Court St  
Montpelier, VT 05602-2809  
(802) 223-8229  
elliekofvt@aol.com

**From:** Millard Hall <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:57 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

READ A BOOK! SURELY YOU CAN UNDERSTAND THIS ISSUE IF YOU STUDY A BIT.

Sincerely,

Millard Hall  
36 Summer St  
Hardwick, VT 05843-1178  
(802) 472-8278  
mwhall2@hotmail.com

**From:** Mike McGrath <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:27 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

The only way some things get better is through necessity of change. If they pollute now and there is no reason to change, it will continue especially if it costs money to change later. I'm tired of picking up everyone's bill thru taxes. Made the change and people will have to step up and do the right thing. Climate change is real and it is here!!!! Need to fix...

Sincerely,

Mike McGrath  
7 Meadowbrook Ln  
Saint Albans, VT 05478-5141  
(802) 524-6022  
minetw0@yahoo.com

**From:** John Mosley <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 9:56 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

Please do not get stuck on a single solution/cause. Continue to advocate for solutions that will make less pollution and a better environment . You seem to be stuck on a single cause and a shouting match with the Gov. That will not help anyone. Jack Mosley

Sincerely,

John Mosley  
PO Box 249  
Warren, VT 05674-0249  
(802) 496-3693  
jackm4t8@gmavt.net

**From:** Tom Finnell <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 9:26 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

Privatizing the profits while socializing the costs is immoral.

Sincerely,

Tom Finnell  
107 Elliot St  
Brattleboro, VT 05301-3067  
257-1829  
tomaidh@yahoo.com

**From:** Catherine Nottz <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 9:26 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

It is time to move forward and impose a cost on carbon pollution. We must move forward.

Sincerely,

Catherine Nottz  
1075 Duffy Hill Rd  
Enosburg Falls, VT 05450-5687  
(802) 933-8957  
cmnoftz@gmail.com



**From:** LisaAnn Oberbrunner <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:56 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

We must do everything possible to reduce/eliminate carbon pollution.  
Please do what you can.

Sincerely,

LisaAnn Oberbrunner  
195 Saint Paul St Apt B  
Burlington, VT 05401-4636  
(802) 399-5188  
loberbrunner@gmail.com

**From:** Roy Snell <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:56 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

As you well know the price of fossil fuels doesn't include its negative impact on the environment. What better way to help fund the process of moving away from these destructive products than to price them accordingly and use the funds raised to help Vermonters switch to renewables. Please give our grandkids a shot at a future.

Sincerely,

Roy Snell  
6963 South Rd  
South Woodstock, VT 05071-4773  
(802) 457-3661  
rcsnell43@gmail.com

**From:** Lucile Brink <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:56 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

I think it is time that Scott listens to his citizens in Vermont. Our State has always led the way of good ideas. The Commission should recommend a price on carbon pollution. Lucile Brink

Sincerely,

Lucile Brink  
400 Wake Robin Dr  
Shelburne, VT 05482-7234  
lucileab123@gmail.com

**From:** Mary Gemignani <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:26 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

We need to keep Vermont special. As a maple syrup producer, I can already see the damage that climate change is making on our maple trees. Much of Vermont's economic activity depends on the food and wood products that the state produces. Don't destroy the uniqueness of our state and the livelihood of our citizens.

Sincerely,

Mary Gemignani  
810 E River Rd  
Lincoln, VT 05443-9666  
(802) 453-3992  
mkgemignani@gmail.com

**From:** Rick Klein <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:26 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

It is imperative that polluters pay!

Sincerely,

Rick Klein  
121 Adams Ferry Rd  
Panton, VT 05491-9383  
(802) 475-2201  
rick.waterborne@gmail.com

**From:** Richard and Martha Gazley <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 8:26 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

We are die-hard Democrats who, nevertheless, voted for you in 2016. We hoped you were cut from different cloth than the morons in DC. Anyone who lives in VT values its beauty . The constant threats to our environment must be fought 'by every means we have. The recommendations made by the Climate Action Commission, which you solicited, cannot in good conscience be ignored. Be a different kind of Republican by doing the right thing.

Sincerely,

Richard and Martha Gazley  
636 Country Club Dr  
South Burlington, VT 05403-5896  
(802) 862-4948  
ricgazley@gmail.com

**From:** Melissa Wales <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 7:56 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 5, 2017

VT Climate Action Commission

All solutions , including small hydro, wind, geothermal, and solar need to be utilized in order to combat climate change and lead to our energy independence.

Sincerely,

Melissa Wales  
PO Box 172  
Saxtons River, VT 05154-0172  
(413) 222-9554  
zeta369@gmail.com

**From:** A Federico <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:55 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please do the right thing for our children and speak up to our leadership to protect us and reverse the effects of climate change.

Sincerely,

A Federico  
160 Wesley Dr  
Charlotte, VT 05445-9319  
(802) 264-9811  
gfede72821@aol.com



**From:** Sara Longsmith <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:25 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Polluting fossil fuels are contributing to climate change. Please recommend a price on carbon pollution. I am very worried for my children and grandchildren's future on this planet!

Sincerely,

Sara Longsmith  
111 Pine St  
Brattleboro, VT 05301-6496  
(802) 258-3881  
saradu@gmail.com

**From:** Judith Pond <bounce@convio.net>  
**Sent:** Thursday, October 5, 2017 12:25 AM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Governor, YOU can be a hero here! Yes, we want Vermont's economy to grow, and all Vermonters to be paid a living wage and live healthy lives.

There are many ways to put a price on pollution. Like most of reality, the situation is complex and will require complex legislation to ensure that the tax is effective and fair, and that firm adjustments are available (and not burdensome paperworkwise) to working people so that they do not bear the brunt of the effort.

This is where YOU come in. Your leadership, and clear communication of the way the measure will work. Your opposition can sink this effort; your courageous leadership can make Vermont cleaner, fairer, more productive, and a model for the rest of the states.

PLEASE explore all the angles of this issue with an open mind. I'm sure you can find a way to lead on this important issue.

Sincerely,

Judith Pond  
559 New Boston Rd  
Norwich, VT 05055-9682  
(802) 649-1420  
judy.pond@comcast.net

**From:** Michael Doran <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 11:26 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Despite what anyone, even the governor, may have to say about global warming, we need to do all we can, which includes a carbon tax. Even though I feel all the more recent efforts at wind generation and solar panel farms should have happened 25 years ago, more is necessary now because too little was done in the past. Little was done because of the fog of doubt laid down by the fossil fuel industry. This fogging goes on today with the denial of climate change and with the rejection of anything like a carbon tax that would help. Let's not be ridiculous by following the fog. Let's pass a carbon tax.

Sincerely,

Michael Doran  
3 Country Cmns  
# 3a  
Vergennes, VT 05491-9815  
(802) 877-3484  
mkdoran9@gmail.com

**From:** John Field <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 10:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Climate Action Commissioners,

I am a 70 year old grandfather of three young people who deserve a future. The hurricanes that have recently devastated significant portions of our country and the Caribbean, are a testament to the urgent need to seriously curtail human extraction and use of fossil fuels. Unless we enact a market-based policy, ie a tax on carbon pollution, my grandchildren--and yours--face runaway , climate-caused dislocations. This is not a partisan issue; many leading Conservatives including James A. Baker III, George P. Shultz, and Henry M. Paulson have come out publicly for a tax on carbon pollution. Remember, once the snows stop falling, and the leaves stop turning, Vermont's economic tourist engine will stall. Please take my plea seriously! Thank you so much for your dedication and your hard work.

Sincerely,

John Field  
644 W Hill Rd  
Putney, VT 05346-8984  
(802) 387-5656  
fieldkatz44@yahoo.com

**From:** Jim Paquette <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 10:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I support putting a price on carbon pollution and expect that you will too.

Sincerely,

Jim Paquette  
11 Woodland Dr  
Underhill, VT 05489-9220  
(508) 685-2799  
paquette.jim@gmail.com

**From:** Sylvie Desautels <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 10:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear folks at the Climate Action Commission, I write in support for implementing a tax on carbon in Vermont as soon as possible. This tax should build over a long term...say 10 years and should reimburse folks for energy efficiency measures. If you take a good look at the places that have implemented a tax on carbon, you will see that it has had a substantial effect on reducing the consumption of fossil fuels.

There is no time to waste. We need a rapid reduction on the use of fossil fuels and a rapid build out of renewable energy sources. I truly believe that this is a win/win situation for the environment and the economy. Jobs in green energy and building are destined to be high paying and work folks can be proud of.

Please act with the long term future of the health of the planet and people as your first priority.

Sincerely,

Sylvie Desautels  
44 Clarksville Rd  
Tunbridge, VT 05077-9593  
(802) 498-8438  
sylviedesautels@gmail.com

**From:** Ken Arthur <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 9:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Climate change is a serious issue that faces not only Vermonters but the whole world. How anyone can deny the reality of this issue is beyond my comprehension. Governors, like any representative of the people need to LISTEN to their constituents. It takes courage and dedication. The people DEMAND this of their representatives. We have a President who listens to no one. We do not need a Governor who does the same. DO THE JOB YOU WERE "HIRED" TO DO! Listen to us or we'll find someone who will.

Sincerely,

Ken Arthur  
307 Coon Club Rd  
West Windsor, VT 05089-9683  
(802) 484-5090  
kenarthur63@hotmail.com

**From:** Elizabeth Chapek <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 9:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please rethink your thoughts and actions regarding the need for and or increase in dependency on fossil fuels in our state of Vermont!!!!

Sincerely,

Elizabeth Chapek  
4 Krug Rd  
Underhill, VT 05490  
(802) 899-4576  
echapek4@myfairpoint.net



**From:** Phyllis Erwin <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 8:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I am very disappointed in our Governor!

Sincerely,

Phyllis Erwin  
1012 Broad Brook Rd  
Guilford, VT 05301-7174  
(802) 257-8138  
perwin1943@gmail.com

**From:** William Thurber <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 8:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Climate change is REAL, it's the ULTIMATE THREAT, and we need to DO SOMETHING ABOUT IT.

Sincerely,

William Thurber  
PO Box 1094  
Saint Albans, VT 05478-1094  
(802) 238-7592  
wthurber388@msn.com

**From:** Dana Dwinell-Yardley &t;bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:56 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear folks on the commission,

Despite Gov Scott's recent comments on social media to the contrary, the majority of Vermonters support a carbon tax. Listen to the people!

It's time to take bold steps toward addressing climate change and meeting VT's goal of 90% renewables by 2050. Please recommend a tax on carbon pollution.

Thank you.

Sincerely,

Dana Dwinell-Yardley  
4 Franklin St Apt 3  
Montpelier, VT 05602-2509  
(802) 505-6639  
danadwya@gmail.com

**From:** Vanessa Compton <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Governor Scott,

I am grateful for the work you do for all of us Vermonters, it cannot be an easy job. I'm writing you because I believe that Vermont should move forward to real climate solutions and put a price on carbon pollution. I am 35 years old, grew up in VT, lived around the world, then decided to come back and live in Northeast Kingdom. VT is often a bucolic paradise, it's what sets us apart and why tourists and visitors flock to our state. But we are as connected to the world as everyone else. Please remember the coming generations when you make decisions regarding climate change. Be the hero, the person who stood on the right side of truth, and tax those who pollute.

In gratitude and respect.

Sincerely,

Vanessa Compton  
102 Cook Hill Road  
Greensboro, VT 05841  
(802) 579-9055  
vanessa\_compton@yahoo.com

**From:** Donna Fialkoff <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please move forward with our price on carbon pollution message despite the governor's disinterest. He needs to know the will of the people who turned out at the climate commission meetings. Perhaps he can be made to understand the economic benefits of a carbon tax.

Thanks

Donna Fialkoff

Sincerely,

Donna Fialkoff  
PO Box 623  
Shelburne, VT 05482-0623  
dfialkoff@gmail.com

**From:** Rick Hearn <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Wake up governor, climate change is real. I will not vote for you.

Sincerely,

Rick Hearn  
249 Whitney Rd  
Springfield, VT 05156-9427  
(802) 875-6260  
rickhearn@vermontel.net

**From:** John Emerson <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Hello,

I believe that Vermont and Governor Scott should take our environmental crisis very seriously. It makes sense to levy a carbon tax, and to impose taxes on other forms of pollution. Pollution of our air has real costs, and those costs should be paid for by those causing the pollution where that can be determined. The proceeds from these taxes should be used entirely to assist Vermonters in transitioning to clean energy,

Thank you.

Sincerely,

John Emerson  
542 Buttolph Dr  
Middlebury, VT 05753-1363  
(802) 388-7826  
jemerson@middlebury.edu

**From:** Alisa Van Domburg Scipio <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It's time VT seriously looked to protect and preserve the environment by encouraging renewable energy sources, and one way to encourage this is to put a price on fuels that add to pollution. The money raised through these efforts could fund R & D into renewable energy that everyone in VT could afford, while protecting our mother, the earth.

Sincerely,

Alisa Van Domburg Scipio  
6800 Vt Route 131  
Perkinsville, VT 05151-9568  
(802) 795-0023  
alisa.ot@gmail.com



**From:** Susan Hacker <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

This is the biggest challenge our generation has created and will need to address for the sake of our children and the future. We need to take strong action put a price on the polluting fuels that the gas and oil giants are bringing into our state and put that money in Vermonters' hands so they can transition to affordable, efficient clean energy. It's time to put a price on carbon pollution. Please do the right thing for all of us.

Sincerely,

Susan Hacker  
236 Sylvan Rd  
Chester, VT 05143-4304  
(802) 875-1016  
sue@gnomeknoll.com

**From:** Betsy Hardy <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 7:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I'm very disappointed with the Governor's response in his Facebook post to the many Vermonters who took the time to attend the Climate Action Commission's hearings and spoke out about the importance of putting a price on carbon (and unfortunately some of them had to drive a significant distance because of the locations of the hearings). With the recent hurricanes still fresh in our minds, it's clearer than ever how important it is to take this action now!

Sincerely,

Betsy Hardy  
PO Box 209  
Richmond, VT 05477-0209  
(802) 434-3397  
info@vtipl.org

**From:** Betsy Hardy <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 6:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I'm very disappointed with the Governor's response in his Facebook post to the many Vermonters who took the time to attend the Climate Action Commission's hearings and spoke out about the importance of putting a price on carbon (and unfortunately some of them had to drive a significant distance because of the locations of the hearings). With the recent hurricanes still fresh in our minds, it's clearer than ever how important it is to take this action now!

Sincerely,

Betsy Hardy  
PO Box 209  
Richmond, VT 05477-0209  
(802) 434-3397  
info@vtipl.org

**From:** Anna Kehler <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 6:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please explore options to put a price on carbon pollution. Let's lead the transition to a sustainable economy. Please listen to your constituents- not the fossil fuel industry. Thank you.

Sincerely,

Anna Kehler  
PO Box 56  
Greensboro, VT 05841-0056  
annakehler@gmail.com

**From:** M Lerna <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 6:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We have seen what happens with climate change and need to immediately counteract it in every way possible. It seems the only way for people to listen and act is by hitting them in the pocket book ! We need a commission to put a price on polluting fuel companies so we can use the money to move forward to efficient clean energy that is affordable. Please do all you can to help Vermont be proud of its forward thinking actions.

Sincerely,

M Lerna  
325 Carriage Hill Rd  
Brattleboro, VT 05301-6183  
(802) 254-9056  
imlerna43@gmail.com

**From:** Nancy Morley <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 6:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Our planet's future is at stake. Now is the time to lower pollution

Sincerely,

Nancy Morley  
1140 Bragg Hill Rd  
Norwich, VT 05055-9593  
(336) 870-0417  
nanmorley@yahoo.com

**From:** Liz Haenel <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 6:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Vermont Climate Action Commission,

The violent weather this hurricane season is giving us lots of feedback on climate change. We need to transition to affordable, efficient, clean energy.

Please put a price on carbon pollution!

Sincerely,

Liz Haenel  
1222 Arnold Bay Rd  
Vergennes, VT 05491-9155  
(408) 375-1332  
liz\_haenel@yahoo.com

**From:** Peter Miller <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 5:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It is essential that we take real action on addressing climate change.  
A carbon tax is the most effective way to make effective progress.

Sincerely,

Peter Miller  
88 Highland View Rd.  
Weston, VT 05161  
vtvlnvla@yahoo.com



**From:** William Roy <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 5:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

What is wrong with being proactive? Is it because our governor and his big oil contributors don't believe climate change/global warming is real? Or is it because their livelihood is being threatened as there is no perceived profit in protecting the environment? We may not be suffering greatly yet, but our children and great-children certainly will. Why wait for that?

Sincerely,

William Roy  
461 Lincoln Rd  
Williston, VT 05495-7316  
(802) 879-6212  
billroy5@myfairpoint.net

**From:** Leigh Steele <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 5:55 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please listen to Vermonters who are very worried about our environment!  
There's no time to lose!!

Sincerely,

Leigh Steele  
161 Austin Dr Apt 49  
Burlington, VT 05401-5495  
(802) 999-8919  
leighwsteele@gmail.com

**From:** Carol Crawford <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 5:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

keep at it

Sincerely,

Carol Crawford  
PO Box 112  
Bakersfield, VT 05441-0112  
crawfordhandweaver@yahoo.com

**From:** Eesha Williams <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 5:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

The world's leading scientists say climate change is a major threat to earth's ability to support human life. Please tax carbon!

Sincerely,

Eesha Williams  
111 Dutton Farm Rd  
Dummerston, VT 05301-9820  
(802) 254-2531  
ewilliams@valleypost.org

**From:** Brent Coulthard <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 4:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Carbon PRICING-Every successful business wants to capture the true costs of its operation. Carbon costs are costs the fossil fuel industry has externalized to the people of Vermont. We need to recover those costs and return them to the commonwealth of Vermont so we can rebuild the next regenerative economy.

Sincerely,

Brent Coulthard  
718 Lincoln Rd  
Ripton, VT 05766  
(802) 388-3118  
bec.saighead@gmail.com

**From:** Matthew Peake <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 4:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I just heard that GM and Ford are going fully electric with the vehicles they are putting out in the next decade so let's get some baseline data of--in this case the price on fossil fuels--so we can chart our progress as a state with respect to the governor's wishes stated above.

Sincerely,

Matthew Peake  
570 Rockingham Hill Rd  
Bellows Falls, VT 05101-3322  
(802) 869-2989  
goldpeak@vermontel.net

**From:** Steven Stone <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 4:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Vermont is a State that other states look up to with regard to how to tackle things like carbon pollution. I don't want to hear that, say, Virginia didn't do anything because "Look at Vermont, they don't care, why should we..." I realize that it's cheaper in the short term to trash the environment but it takes a strong state and a strong leadership to do things that NEED to be done, so please, let's put a price on carbon pollution, at worst this will bring revenue into the State coffers that can be used to off set things that really matter like clean energy at best it will lower the States carbon pollution footprint.

Thank you

Sincerely,

Steven Stone  
25 Crosby St  
Brattleboro, VT 05301-6852  
(802) 254-6117  
squeven1@hotmail.com

**From:** Cathy Phillips <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 4:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Create a market based system to move away from our reliance on fossil fuels. Get onto the right side of history.

Sincerely,

Cathy Phillips  
232 Spinnaker Ln  
Shelburne, VT 05482-7783  
(802) 985-8524  
jeffmphilips@me.com



**From:** Peggy Burden <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 4:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Governor,

You were elected by the people of Vermont not the high dollar donors. The people have spoken and you have not listened. Science is real the climate is fragile. Listen by the Vermont Climate Action Commission and abide by their recommendation!

Sincerely,

Peggy Burden  
1122 Wild Hill Rd  
Fairlee, VT 05045-9526  
(802) 333-4334  
peggyburden9@gmail.com

**From:** Steve Gagliardone &#62;bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Governor Scott- I was so hopeful when you set up the Climate Action Commission, and it fit with your campaign statement that "I make a point to listen and learn everything I can about their goals, struggles and the outcome they are hoping for. Then, I quietly lead the effort by organizing people and resources to develop solutions and meet the needs of Vermonters."

After reading your Facebook post I have become quite disillusioned with your true intentions. The people have spoken at these hearings, and the consensus is clearly in favor of some sort of carbon tax. And yet you dismiss any form of such a tax, even forms that are revenue neutral, such as exchanging a sales tax with a carbon tax.

I have had my concerns about such a tax, including the burden it might put on the poor. I worry that it might turn out to be more regressive, and I worry about what happens to state revenue when we start using less carbon and thus add less to the coffers. Still, I am listening, I am talking with those on both sides, and I trying hard to understand the complexities and options available to curb carbon use. I see some sort of tax as a very viable market solution, but the key is in the details.

For you to dismiss all ideas related to a carbon tax is a most unreasonable and unprofessional approach. And to make a blanket statement that any form will undoubtedly be "detrimental for...our state's economy" makes me believe that you clearly are not interested in getting at the best practice when considering what is best for Vermonters. If you were you would wanting to here the evidence that is being put forth, and understand all the ways that we could slice this pie. What you have made clear by your words is that you are only interested in what is best for Phil Scott, and Phil Scott needs to run again in 2 years and needs the cash that comes from taking such an unfounded position.

To me the broader concern is that you are not living up to your spoken goals of listening and learning. Your mind is made up. You have been bought and paid for. And your commission is nothing more that a photo op.

Please reconsider listening and understanding the complexities being put forth.

Thanks,

Steve Gagliardone  
Sharon, VT 05065

Sincerely,

Steve Gagliardone  
527 Drum Heller Rd  
Sharon, VT 05065-6652  
(802) 763-8014  
gagliardones@gmail.com

**From:** David Feurzeig <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I reject Gov. Scott's assertion that a carbon tax will make Vermont less affordable. Smart taxes can drive efficiency. But even if there were some basis to his argument, affordability is worthless if we don't have a livable climate. Vermont should be proud to lead the region in instituting a carbon tax. Our neighboring states will follow soon enough.

Sincerely,

David Feurzeig  
215 Raven Rdg  
Huntington, VT 05462-9610  
(802) 434-3819  
mozojo@gmail.com

**From:** Olga Hebert <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Absolutely! It is past time to wake up. Clearly the earth is sending out an S.O.S. and we need to start listening. To not aggressively counter carbon emissions is putting future generations at risk. Putting a price on carbon emissions is a step in the right direction.

Sincerely,

Olga Hebert  
431 Westview Cir  
Williston, VT 05495-7352  
olga.hebert05@gmail.com

**From:** James Messier <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

What is the problem of moving away from fossil fuels to renewable energy?

Sincerely,

James Messier  
446 Messier Rd  
Franklin, VT 05457-9654  
(802) 285-2202  
jmessier@fnwsu.org

**From:** Sam Conant <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

What is the Governor's rationale for refusing to consider the Commission's recommendation?

Sincerely,

Sam Conant  
5 Acorn Dr Unit 309  
Milton, VT 05468-4602  
(802) 598-4689  
samcvt@gmail.com

**From:** Abijah Reed <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Let's DO something about climate change, and pollution. A tax on carbon emissions is a great place to start.

Sincerely,

Abijah Reed  
30 Kimball HI  
Putney, VT 05346-8810  
(802) 387-2803  
abijahreed491@gmail.com

**From:** Matthew Tolosky <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 3:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please take this threat of global warming seriously even if Governor Scott will not. I am fearful for the path we are heading down if we don't take action now. I want global warming addressed and putting a price on pollution is a great means. Nothing industry giants and corporations understand better than money, as Scott knows, and so we have to hit them in their wallet to speak their language. Gov Scott needs to deal with less padding in his pockets and stand up for what is right.

Sincerely,

Matthew Tolosky  
57 N Union St Apt B  
Burlington, VT 05401-3723  
(413) 896-8236  
mtolosky91@gmail.com



**From:** Marni Adhikari <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It's time for Vermont to put a price on the polluting fuels that the gas and oil giants are bringing into our state. Doing so would not only be a responsible step in being the caretakers for our environment, it would also put that money in Vermonters' hands so we can transition to affordable, efficient clean energy. It's time to put a price on carbon pollution!

Sincerely,

Marni Adhikari  
7 Londonderry Ln  
Essex Junction, VT 05452-2608  
(802) 578-7368  
marnijoyce@gmail.com

**From:** Chris Paterson <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please continue to move forward on combating pollution despite the Governor's reluctance to listen to what the public has to say. Vermont has always pioneered the way in matters of the environment, and I hope it can continue to do so. And we definitely need a price on carbon pollution.

Thank you for your good work,

Sincerely,

Chris Paterson  
PO Box 409  
Taftsville, VT 05073-0409  
c.paterson@gmx.net

**From:** Brittany Porter <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

The commission needs to recommend a price on carbon pollution. This is poisoning us & destroying our environment. Tax the polluters!

Sincerely,

Brittany Porter  
25 Adams St  
Saint Albans, VT 05478-2100  
bporter@mail.smcvt.edu

**From:** Mark Lyons <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Climate change is apparent even in northern Vermont, where our dogs and cats now get fleas and ticks because of the warmer weather, not to mention the heating of the oceans, loss of arctic land mass, and huge deluges of water in hurricanes due to warmer oceans. Please take this seriously and let us begin to move forward in addressing this serious issue.

Sincerely,

Mark Lyons  
150 State Park Rd  
Charlotte, VT 05445-9336  
(802) 425-4314  
lyonsvt@gmavt.net

**From:** Mary Sellman <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We need to act on this initiative before it's too late

Sincerely,

Mary Sellman  
1686 New Boston Rd  
Norwich, VT 05055-9663  
(802) 649-5254  
marysellmann45@gmail.com

**From:** Diora Kania <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We need a way to curb our appetites for fossil fuels and unfortunately we learn best when it affects the money in our pockets

Sincerely,

Diora Kania  
19 Pearl St Apt 3  
Randolph, VT 05060-1368  
dkania@vtc.edu

**From:** Dave McGown <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

There is already a price on pollution and it is killing us. Taxing fossil fuels is simply an obvious method of reducing the abuse and compensating for some of the damage done.

Sincerely,

Dave McGown  
1182 Main St  
Fairfax, VT 05454-9530  
(802) 849-2229  
mcgownz@gmail.com

**From:** Stuart Birdsall <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:25 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I support Vermont Climate Action Commission's recommendation that place a price on carbon pollution. It's disheartening when Governor Scott said he would listen and now he won't. What's worse is the reasoning behind his deaf ear: contributions from his campaign donors will be the ones that pay the price (as they should). Governor Scott needs to listen to his constituents or get out of office.

Sincerely,

Stuart Birdsall  
121 Oakhill Rd  
Shelburne, VT 05482-6742  
(802) 238-7180  
srb811@gmail.com



**From:** Cathy Tudhope <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Like integrity is to a person climate is to our state. In order to prosper we need cleaning here chemical free soil and water, then we have the foundation to work with.

We can make a business out of keeping our stay clean if you have the foresight and commitment.

Sincerely,

Cathy Tudhope  
1697 Main St  
Isle LA Motte, VT 05463-9841  
(802) 752-1318  
tudhopecathy@gmail.com

**From:** Corey Walsh <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We have had enough with not being heard on the state and federal level.  
The governor represents the people and their rights and wills. Listen to the people governor, or you are no better than any other official who is doing the same right now. Show us that Vermont is still a special place!

Sincerely,

Corey Walsh  
1229 Willoughby Lk Rd  
Brownington, VT 05860-9007  
(802) 754-2899  
coreyjwalsh@yahoo.com

**From:** Nils Behn <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution - and Support Renewables

Oct 4, 2017

VT Climate Action Commission

We can grow our economy by supporting the renewable energy industry in VT. This is the fastest growing job sector in VT and currently represents 6% of all jobs in the state. In addition to creating a carbon tax on polluters we need simplified solar (and wind) friendly permitting process and we need to restore the ability of farmers to host solar projects. The increasingly hostile permitting and regulatory climate toward renewables is one of the top two causes of the slowdown in renewable energy deployment. Please do what is right.

Sincerely,

Nils Behn  
340 Mad River Park Ste 6  
Waitsfield, VT 05673-3301  
(802) 496-2192  
nbehn@aegis-re.com

**From:** Rita Clark <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

As a citizen of Vermont for over 30 years, I feel I have a right to urge this committee to stand up to the governor and to stand up for progress on climate change by creating a system for reducing carbon use in our region. Please rise to this challenge and realise that we the people are hoping for change for our leaders to take responsibility.  
Thank you.

Sincerely,

Rita Clark  
2801 Fairfield Rd  
East Fairfield, VT 05448-9736  
(802) 849-2260  
rsclark48@gmail.com

**From:** Reba Korban <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

This is a very serious issue that calls for a very serious response.  
Listen to the voice of Vermonters, the window of opportunity to make a change for the better is growing shorter everyday!

Sincerely,

Reba Korban  
PO Box 44  
Northfield Falls, VT 05664-0044  
(802) 485-4719  
rzkorban@gmail.com

**From:** Brenda Bean <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I won't like paying more for my own use of gasoline for the car or heating oil/gas for staying warm in winters, but I believe we must take the step of increasing taxes on oil/gas and so change the incentives for use. If we could then use the increased revenues to promote sustainable energy uses, all the better! Thanks for taking the step of being willing to change the financing structures or thereby stop carbon pollution, as Al Gore wanted the country to do 30 years ago!

Sincerely,

Brenda Bean  
2 Mechanic St Apt 5  
Montpelier, VT 05602-2314  
(802) 229-1310  
brendajbean@comcast.net

**From:** Gary Chicoine <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

If the majority of commissioners favor pricing carbon pollution then please have the personal courage to stand by that position in the face of Scott's and his party's pushback. Thanks.

Sincerely,  
Gary Chicoine  
Jeffersonville

Sincerely,

Gary Chicoine  
88 Upper Pleasant Valley Rd  
Jeffersonville, VT 05464-9606  
(802) 851-5052  
gchicoine@myfairpoint.net

**From:** James Morin <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Governor Scott

I am not a left-wing activist I am a Vermont voter who votes for what I believe is right and I expect you to also do what's right and not what lobbyists and other benefactors would have you do for their benefit .

Stop the polluters !

Sincerely  
James Morin  
Age-66

Sincerely,

James Morin  
3260 Route 346  
North Pownal, VT 05260  
(617) 899-0776  
jmorin12@me.com



**From:** Mike Thorpe <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Interesting editorial. I always wonder true motives when an editorial writer attempts to tell us what other people think. Unless this editorial writer can state facts rather than personal opinions it doesn't qualify as news. The reason I stopped donation to VPIRG is that the editorial staff tends to behave like spoiled children whenever they don't get everything they want.

The last time someone came to my home for money, they peeled out in my driveway then tore off down the road. Is this the example of someone dedicated to responsible use of fossil fuels?

My question to the author of this editorial: Do you personally drive the most fuel efficient vehicle available or are you prone to drive the typical gas guzzler that most higher income managers drive? Just what sort of carbon tax are you proposing? As I recall, there wasn't a gubernatorial candidate in the race in favor of a carbon tax except for possibly one of the fringe candidates that not only didn't get elected but didn't receive any sort of a vote to even make an appearance of this concept going any further forward at this time.

Sincerely,

Mike Thorpe  
1462 Collins Hill Rd  
Johnson, VT 05656-9603  
(802) 355-9574  
mrthorpeski@gmail.com

**From:** John Berlenbach <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I fully support a price on carbon pollution in Vermont, with the proviso that proceeds be used to help low income Vermonters insulate their homes and thus reduce their use of fossil fuels for heat.  
Coupled with the incentive for industry to clean up their act, that's a "win-win" situation.

Sincerely,

John Berlenbach  
1961 Plains Rd  
Perkinsville, VT 05151-9460  
(802) 263-9345  
johnfarm@tds.net

**From:** Catherine Ferland <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 2:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Listen to Vermonters

Sincerely,

Catherine Ferland  
1181 Roach Rd  
Chester, VT 05143-8660  
(802) 376-7164  
ki@cymatone.com

**From:** Nicholas Seifert <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I support putting a price on carbon pollution.

Sincerely,

Nicholas Seifert  
682 Folsom Hill Rd  
Marshfield, VT 05658-7158  
(802) 821-4076  
nick.seifert@gmail.com

**From:** Daniel Burwinkel <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It's time for Vermont to put a price on the polluting fuels that the gas and oil giants are bringing into our state and put that money in Vermonters' hands so we can transition to affordable, efficient clean energy. It's time to put a price on carbon pollution.

Sincerely,

Daniel Burwinkel  
86 Stark Trl  
Wells River, VT 05081-9405  
(802) 281-3370  
dburwinkel@gmail.com

**From:** Richard Wissler <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

This isn't a matter for you to decide alone. Pay the attention you asked for and help us all to take the difficult steps required to support our future. remember , You wanted this job , now DO IT.

Sincerely,

Richard Wissler  
PO Box 566  
Middlebury, VT 05753-0566  
(802) 388-7088  
wissl@myfairpoint.net

**From:** Robin Rothman <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We definitely need to penalize the entities who continue to pollute the land, air, and water; otherwise they will continue to do so with the impunity (even subsidies) that they have enjoyed so far. A principled approach, for instance, would have been to reject the natural gas pipeline. It may have helped to keep Vermont clean, but the fracking required to supply it has ruined the environment elsewhere. Vermont is not riddled with oil wells, refineries, chemical companies, and threatened aquifers, fortunately, but it needs to set an example in any way it can (for instance, in Bennington).

Sincerely,

Robin Rothman  
195 Mountain View Dr  
Danville, VT 05828  
(802) 684-2188  
robin.rothman@yahoo.com

**From:** Sam Carlson <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

At the October 3 Renewable Energy Vermont (REV) conference there was a presentation by Quebec's renewable energy expert, to discuss the incredibly positive impacts that a carbon tax and their cap and trade program have had on the economy, the environment and social equality in Quebec.

At that same conference on the same day, Governor Scott said he embraced the 90% renewables by 2015 goal but opposed "industrial wind", and said the "good options" are solar and importing from our neighbors to the north (i.e. Quebec).

So, how about instead of just importing power from Quebec we also import their VERY GOOD IDEAS that involve putting a price on pollution???

Please. Do the right thing.

Sincerely,

Sam Carlson  
2 Whately Rd  
South Burlington, VT 05403-7853  
samuelccarlson@gmail.com



**From:** William April <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I just heard how Gov. Scott is not accepting some of the recommendations being made at the commission hearings. That seems very short sighted and I am asking that the commission please put a price on pollution especially carbon pollution. It appears to be an obvious method to shift the cost without raising taxes. Thanks!

Sincerely,

William April  
310 Mountain View Dr  
Waterbury Center, VT 05677-7109  
(802) 882-8113  
hiker@gmavt.net

**From:** Melissa Deas <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

The crazy thing about not following through with our cleaning up our environment, is if we want to survive, there is no question. Why is this a question? Exactly how much money is your child's life worth? Yes, put a big price on polluting fuels. Stand byVT and fund climate solutions.

Sincerely,

Melissa Deas  
46 Spring St  
Bristol, VT 05443-1117  
(802) 734-9256  
naiomi\_ds@yahoo.com

**From:** Noel Ford <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Keep up your efforts to educate all Vermonters on the benefits of the "carbon tax." Fossil fuel donors are powerful [\$. And Scott listens to his \$ supporters and gives lip service to everyone else.

Sincerely,

Noel Ford  
772 County Rd  
W Glover, VT 05875  
(802) 535-0666  
noelwford@gmail.com

**From:** Suzanne Champlin <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

What Vermont needs to do is develop its cheapest and greenest energy resources (solar and wind) and eliminate the use of fossil fuels. And to this end, we should tax fossil fuels. We can do this - we are small and committed. Fossil fuels are obsolete and ruining the earth.

Sincerely,

Suzanne Champlin  
34 Jones Cir  
Norwich, VT 05055-9468  
(802) 649-1563  
suzanne@jeremiahblatz.com

**From:** Kate Williams <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I believe that a carbon tax is the most effective way to combat climate change. This has been demonstrated by successes in European countries, that are far ahead of us in the US in their thinking and their policies. Please keep Vermont in the lead in the US, by putting a price on pollution, in spite of Gov. Scott's opposition.

Sincerely,

Kate Williams  
192 Mountain View Dr  
Brandon, VT 05733-9218  
(802) 247-3492  
kate\_ret@yahoo.com

**From:** Debra Diegoli <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please listen to the people of Vermont and to climate experts, not the governor's arbitrary statement that there will not be a price put on carbon.

It's unfair for him to dismiss this solution before the hearings are even finished

Climate chaos can only be solved if we work together in a mass mobilization. We in VT must do our part.

Thank you.

I pay taxes,

and I vote.

Sincerely,

Debra Diegoli  
1061 Route 5  
Springfield, VT 05156-9775  
(802) 546-4587  
dldiegolivt@gmail.com

**From:** John Gleason <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We definitely need to stop polluting and put a huge price on it. Our children and thier children are going to pay the price for our abuse of the planet. If we do not stop carbon and start sequestering it ...there might not be a viable environment to sustain any form of mankind on this planet. Once the carbon acidifies the ocean to the point of it cannot support plant life (plankton) there goes 85% of the oxygen producing plant life on the planet = an atmosphere that can't support human life .

Sincerely,

John Gleason  
306 S Main St  
Northfield, VT 05663-5675  
(802) 485-6845  
johng@wallgoldfinger.com

**From:** Eric Becker <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on carbon pollution

Oct 4, 2017

VT Climate Action Commission

I strongly urge you to support placing a price on carbon. There are ways to ensure that our transition to a clean energy economy are equitable and do not raise the cost of living for working class Vermonters.

Thank you.

Eric Becker  
S. Strafford, VT

Sincerely,

Eric Becker  
105 Turnpike Rd.  
S. Strafford, VT 05070  
(802) 765-0020  
ericbecker350@gmail.com



**From:** Ellen Sheffer <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

I am really very disappointed in our governor. I thought he was better than those in Washington, but it seems not. We must insist he listen to the public, the people who voted for him, who want something done.

I believe that a price on carbon pollution is a good solution and I hope the Commission will recommend this.

Sincerely,

Ellen Sheffer  
1024 Pearl St  
Brandon, VT 05733-4401  
(802) 247-6159  
vtreb2@aol.com

**From:** Judy Scheer <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Vermont has an obligation to take a responsible position, a leadership roll, in the most important challenge our nation has ever faced.

Abdication of this responsibility is not an option.

Sincerely,

Judy Scheer  
251 Country Mdws  
Colchester, VT 05446-7074  
(802) 878-7668  
happyinthehamptons@gmail.com

**From:** Lee English <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on carbon pollution

Oct 4, 2017

VT Climate Action Commission

Fellow Vermonters,

Please do your best to fulfill the original mission of the Commission to bring about a transition to efficient clean energy here in Vermont.

Put a price on carbon pollution that gas and oil companies bring to our state and use that money for the health of all Vermonters. If you don't, who will?

thank you for your attention to my message.

Sincerely,  
Lee English  
48 Town Line rd.  
Grand Isle, VT 05458

Sincerely,

Lee English  
48 Townline Rd  
Grand Isle, VT 05458-2562  
(802) 372-8398  
leeenglish118@comcast.net

**From:** Debbie Landauer Landauer <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Governor Scott,

Have we passed the tipping point? Are we beyond no return? It's debatable, but there is NO QUESTION that we must act swiftly and boldly to address carbon pollution and the climate crisis.

You are giving lip service to this. It is reprehensible that you scheduled public talks - and now are refusing to accept or listen to what the people of VT are saying. I also think you purposely set the meetings to be held in areas of low population, difficult to get to, or republican areas. Shame on you for that. It is not time to play politics with the environment. I urge you to ACT not pretend.

Sincerely,

Debbie Landauer Landauer  
75 Hunt St  
Fairfax, VT 05454-9675  
(802) 849-2420  
fairfaxlibrarian@gmail.com

**From:** Joe Kaszas <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

despite the governor's intransigence, Vermont should move forward to real climate solutions and put a price on carbon pollution.

Sincerely,

Joe Kaszas  
742 Campbell Rd  
Morristown, VT 05661-8471  
(802) 886-6325  
widas@mac.com

**From:** Sue Morris <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We support a carbon tax as a way to mitigate global climate change.  
Please put a price on pollution.

Sincerely,

Sue Morris  
1392 Vt Route 232  
Marshfield, VT 05658-8067  
(732) 334-8433  
suereel@editide.us

**From:** Todd Thomas <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Thank you for your consideration

Sincerely,

Todd Thomas  
100 Maple St  
Morrisville, VT 05661-6073  
(802) 888-6373  
toddjosephthomas@gmail.com

**From:** Jane Sommers <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please do put a tax on carbon pollution!!

Sincerely,

Jane Sommers  
204 Halladay Rd  
Middlebury, VT 05753-9158  
(802) 388-8039  
jcritt41@gmail.com



**From:** Douglas Lufkin <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Dear Governor Scott,

When you ran for office, you said "listening was more important than talking, and actions speak louder than words." It appears that you do not like hearing what Vermonters are saying at the Climate Action Commission public hearings that you created, and not only have stopped listening, but have been insulting and disrespectful to the Vermonters whose opinions you sought.

You cannot simply dismiss the will of the people whom you serve. If the consensus is to put a price on the cost of pollution, as governor, you need to respect that and implement it. Yes it will offend the polluters. But it will also inspire creative solutions to find non-polluting alternatives.

Kindly continue to participate with an open mind in the democratic process we Vermonters cherish, listening with respect to the many ideas presented, and follow the will of the people.

Sincerely,

Douglas Lufkin  
313 Beaver Meadow Rd  
Norwich, VT 05055-9457  
(802) 649-2682  
douglas.lufkin@valley.net

**From:** Barbara Foley <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please support the commissions view on Global Warming and take all action to support the strongest levels of Legislation in Vermont to protect our and the world's environment.

Sincerely,

Barbara Foley  
710 Cricket Hill Rd  
Killington, VT 05751-9416  
barb@myrec.com

**From:** Darcey Mercier <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please do not be discouraged by the Governor's opinions. As Vermonters living in a democratic society we want our voices heard. I want an end to big business making the rules. Big business needs to be held accountable for the harm it causes to the citizens of the world, the United States and Vermont. Gas and oil giants need to pay for the pollution they cause without forwarding it to the people. There is no reason gas and oil owners personally can not be held responsible for the polluting and harm they cause.

This is of course only one piece to making Vermont healthier. It would also be helpful to create more jobs in solar and wind projects contributing to an end of dependence on gas and oil.

Sincerely,

Darcey Mercier  
PO Box 72  
Townshend, VT 05353-0072  
(802) 365-4671  
dorram@sover.net

**From:** Darlene Baer <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It doesn't surprise me that the governor has reneged on his original vows--he's had some backing from Big Oil. The ONLY way we are going to prevent catastrophic change is by changing our fuel habits NOW. Scott is going the way of Republicans--totally in denial about human caused warming of the planet. If they do try to do something they know they will lose their Big Money support. We need to absolutely put a "price on pollution" a.k.a.: "carbon tax." We need to do it...yesterday!

Sincerely,

Darlene Baer  
39 Beacon HI  
Chelsea, VT 05038-9052  
(802) 279-7251  
sherrybaer@mac.com

**From:** Larry Phillips <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

recommend a price on carbon pollution

Sincerely,

Larry Phillips  
48c Mansfield Ave  
Essex Jct, VT 05452-3766  
(802) 879-6919  
lphilvt@gmail.com

**From:** Kathleen Laliberte &#62;bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on carbon pollution

Oct 4, 2017

VT Climate Action Commission

I moved to Vermont more than 40 years ago because I wanted to live in a state that is small enough to have real citizen participation and small enough to make the difficult decisions that are necessary to show the way -- to help lead our country into a smarter and kinder future.

Over the years I have seen our unique size and our enlightened constituency make the kinds of tough, yet powerful decisions that have paved the way for things like the freedom to marry, energy tax credits, land trusts, land use controls and so much more.

Climate change is real and accelerating. Our county -- and the world -- needs Vermont to show the way. It's time to put a price on carbon pollution to spur economic activity, inspire and grow Vermont businesses and put us all on a path to a better future.

I encourage you to stand tall and do what's needed. Do what Vermont citizens want you to do -- not what a minority of businesses and lobbyists want you to do.

Sincerely,

Kathleen Laliberte  
2975 Hinesburg Rd  
Richmond, VT 05477-9207  
kath.laliberte@gmail.com

**From:** Gabe Halberg <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

To the members of the Climate Action Commission,

Please recommend putting a price on carbon pollution.

Sincerely,

Gabe Halberg  
180 Bartlett Rd  
Plainfield, VT 05667-9655  
(802) 454-9336  
gabe@dadradesign.com

**From:** Peggy Rishel <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We definitely need to put a price on pollution - we cannot fight climate change or mitigate its effects if we ignore the issue of fossil fuels.

Sincerely,

Peggy Rishel  
41 Kennedy Rd  
Brandon, VT 05733-8771  
(802) 465-4845  
gbgmail@comcast.net



**From:** Jeffrey Haslett <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 1:24 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Governor Scott,

Bold state actions now!

Stop the politics of party and take actions for 'We the People'.

Sincerely,

Jeffrey Haslett  
PO Box 251  
Williston, VT 05495-0251  
(802) 878-4488  
jeffdale@jeffdale.net

**From:** Richard Kerschner <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

In this unfortunate day and age when the Federal Government is not only refusing to address climate change but taking actions to make it worse, it is up to the States to take action to fight climate change. The Vermont Climate Action Commission has the opportunity to make a real effect on what Vermont does to address climate change. Please do not waste this opportunity. VPIRG as done their homework on their proposals to address climate change. Please "Put a Price on Pollution" by making this action one of your three recommendations to the legislature and governor.

Sincerely,

Richard Kerschner  
3532 Shellhouse Mountain Rd  
Ferrisburgh, VT 05456-9512  
(802) 236-5564  
rskersch@comcast.net

**From:** Kate Morris <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It's time to act. We have the technology, we know renewable energy is possible. Recommend putting a price on carbon pollution.

Sincerely,

Kate Morris  
8 Scarff Ave  
Burlington, VT 05401-5030  
(774) 238-6551  
katlynbrynn@gmail.com

**From:** Geoffrey Whitchurch &t;bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Please put a price on carbon pollution. In these troubled times, it is so important for short-term grass roots efforts. When politicians disregard the voice(s) of their constituents, or when leaders refuse to recognize the importance of climate-changing actions, it is up to individuals to take action.

1) Shop your conscience. Just because EPA emissions and MPG regulations are lax doesn't mean you can't find auto makers that exceed regulations.

2) Just because there is no plastic bag ban, does not mean that you can't find the means for avoiding plastic.

The power for change is in the people, especially when votes are not what adopts regulation.

Sincerely,

Geoffrey Whitchurch  
140 Pearl St  
Saint Johnsbury, VT 05819-2663  
whitch@conceptengineering.net

**From:** Liston Tatum <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

In case you missed it, Jim Hansen (world renowned NASA scientist) has determined the species will not survive the current level of carbon in the atmosphere. So in a dreadful irony, Gov. Scott gets his wish: we'll need to solve this with technology which has not yet been invented.

Meanwhile, on the chance Jim Hansen and 98% of the scientific community might be on to something, let's buy our children some time by putting a price on carbon pollution, same as we exact a tipping fee when you take your trash to the dump.

You are going to have to answer to your children, either way.

Sincerely,

Liston Tatum  
9 High St  
Orleans, VT 05860-1106  
(802) 673-5759  
ltatum@vpirg.org

**From:** James Leopold <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Thank you for your attention to this matter.

Sincerely,

James Leopold  
227 Three Islands Rd  
Colchester, VT 05446-6495  
(802) 658-3023  
jamie@ableadvertising.com

**From:** Louise Frazier <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

It is high time to charge polluters for the damage they cause, especially in relation to climate change!

Sincerely,

Louise Frazier  
190 Wheeler Rd  
East Montpelier, VT 05651-4192  
(802) 229-6085  
louisevfrazier@gmail.com

**From:** Martha Tack <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Very disappointed that the Governor's Commission has not been given the respect and response of the person who created the Commission!

Putting a price on pollution may not please the powerful fossil fuel people - but what can? They have held the reins for our atmosphere to be polluted and tainted and now we'd like to have some recognition and, frankly, payback.

Can they give us back our clean environment? No. But we can BEGIN an important process with this idea of putting a price on pollution that someone else will pay.

Sincerely,

Martha Tack  
64 Burke Hill Rd  
Sutton, VT 05867-4700  
(802) 467-9812  
mtackus@outlook.com



**From:** Barbara Butler <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Gov Scott - Keep your campaign promises!

Sincerely,

Barbara Butler  
North Calais Road  
North Calais, VT 05650  
(802) 456-8804  
barbarabutlervt@gmail.com

**From:** Sari Wolf <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Thank you for taking the time to read my comment.

I feel strongly that we need to have a carbon tax, and we need to do more as a country, state and people to slow climate change.

This year we have no colors, the leaves are turning brown and falling off instead, and no killing frost yet these = climate change.

We in VT, blessedly do not have to deal with hurricanes, but of course we did 6 years ago with Irene, it is clear these worsening storms are related to climate change..

I have put my money where my mouth is, I drive a Prius, have solar hot water and solar electric panels, and a geothermal heat pump to heat my home, the only oil I use in my home is for domestic hot water as the heat pump doesn't heat it hot enough for showers.

Please do not let the Governor decrease our fight against climate change and continue to support big oil.

It is past time for a price on carbon pollution. Do the right thing, so our children and their children can still see the colors!

Sincerely,

Sari Wolf  
945 Lyle Young Rd  
East Montpelier, VT 05651-4091  
(802) 223-4715  
flrwomon@outlook.com

**From:** Sarah Bowen <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

This is urgent business for the people of Vermont!

Sincerely,

Sarah Bowen  
126 Morningside Cmns  
Brattleboro, VT 05301-3640  
(802) 258-6446  
sarahb@together.net

**From:** James Snee <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Move away from fossil fuels

Sincerely,

James Snee  
1321 Quarterline Rd  
Ctr Rutland, VT 05736-9502  
(802) 786-2332  
jimsnee@mac.com

**From:** Brian Tremback <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

We need to move forward on climate action now. Please recommend a price on carbon pollution.

Sincerely,

Brian Tremback  
29 E Village Dr  
Burlington, VT 05401-3471  
(802) 343-7555  
brian.tremback@gmail.com

**From:** ML Stephens <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution - but who will bear the real expense?

Oct 4, 2017

VT Climate Action Commission

I get that VPIRG has decided that organizing and rallying around climate change recommendations - energizing the base and spurring action - is the way to go. No problems with that concept EXCEPT you really need to make it clear that you are advocating that it be done in a way that will NOT penalize VTers least able to pay. You have not yet stepped forward with ANY ideas that do not hurt the most vulnerable VTers. ALL ideas so far for 'putting a price on carbon pollution' have been regressive taxation. That is cruel and it is foolish. You are filled with bright people who can come up with something better. Please - do it and put it forward. Anything less paints VPIRG as elitist, uncaring, and unaware of the vulnerable human element in the complicated equation of climate change.

Sincerely,

ML Stephens  
406 Dutton Brook Rd  
Goshen, VT 05733  
lucis@myfairpoint.net

**From:** Bill Maclay <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Adopting proven market driven solutions to climate change is essential to current and future Vermonter's. I hope the commission will do the right thing for the state and avoid politics in putting a price on carbon.

Bill Maclay

Author of The New Net Zero

Sincerely,

Bill Maclay  
583 Fuller Farm Rd  
Warren, VT 05674  
bill@maclays.com

**From:** Abigail Foulk <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Carbon tax will work. We need to move towards sustainable energy!

Sincerely,

Abigail Foulk  
957 Orchard Rd  
Charlotte, VT 05445-9676  
(802) 425-3078  
afoulk@gmavt.net



**From:** John Chard <bounce@convio.net>  
**Sent:** Wednesday, October 4, 2017 12:54 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Oct 4, 2017

VT Climate Action Commission

Climate change is already hurting Vermont. Let's do something!

Sincerely,

John Chard  
87 Chestnut HI  
Brattleboro, VT 05301-6087  
(802) 254-6630  
chard@sover.net

**From:** Fran Putnam <fcspu@sover.net>  
**Sent:** Tuesday, October 3, 2017 1:09 PM  
**To:** ANR - VCAC  
**Subject:** Putting a price on carbon

To the Commission:

There are many things our state can do to help reach the state's energy goals—support efficiency and weatherization, support solar and wind installations, enforce the energy code in new buildings, and more.

However, one of the most efficient means to start weaning Vermonters off of fossil fuels is to establish an equitable, well-planned carbon charge. Many countries are already reaping benefits from pricing carbon. British Columbia has had a carbon fee for 9 years and they have reduced their use of fossil fuels by 15%. Meanwhile, their economy is doing better than other provinces in Canada.

The organization Energy Independent Vermont commissioned the REMI study to show how implementing this tax has important economic benefits for Vermont. It would keep in Vermont some of the money spent on fossil fuels that is currently sent out of state and would also create good jobs in the renewable energy and efficiency sectors.

Finally, a well crafted carbon tax could actually benefit low and middle-income Vermonters by helping them improve the energy efficiency of their homes and helping them to buy more efficient vehicles. We could also do much to improve public transit.

So much can be done if we have some revenue to do it.

Please put a carbon price in your list of recommendations to Governor Scott.

Sincerely,

Fran Putnam

Weybridge

**From:** Spencer Putnam <spencerp@sover.net>  
**Sent:** Monday, October 2, 2017 9:29 AM  
**To:** ANR - VCAC  
**Subject:** Putting a Price on Carbon

To Whom it may Concern:

Please count me as a Vermonter strongly in favor of putting a much higher price on carbon through some sort of fee structure aimed at reducing the use of fossil fuels. I believe this can and must be done in a way that protects low income and working Vermonters. As a whole, our state will benefit if policies are developed which will encourage local alternative energy sources and weatherization. This will stimulate our economy by keeping some of the money we currently send out of state in state and through the creation of jobs which cannot be exported.

Spence Putnam

575 Morgan Horse Farm Road

Weybridge, VT 05753

802-388-1644

**From:** James Wuertele Energy Coordinator <jwwec@myfairpoint.net>  
**Sent:** Sunday, October 1, 2017 2:51 PM  
**To:** ANR - VCAC  
**Subject:** carbon tax policy suggestion

As Energy Coordinator for the Town of St. Johnsbury, I feel I must at least know what the numbers are for a carbon tax amount and potential impact on the cost of living in Vermont.

I am in favor of a Carbon Tax, but with allowances to low-income fuel buyers to be free of it some method similar to those already used by other taxing entities (see below).

Also, please consider publishing the two numbers when proposing this tax to the public:

A. Carbon Taxation rate per metric ton of CO<sub>2</sub> (use a metric ton to be able to compare with those taxes now assed overseas).

1. International Carbon taxes:

[Carbon Taxation review as of 2014]

The concept of putting a value on CO<sub>2</sub> emissions started in **1990** (EPA, 2013a) with the introduction of a carbon tax by **Finland**, in January of that year. However, the rate of carbon tax was low and “the tax rate has evolved from €1.12/t Carbon dioxide (CO<sub>2</sub>) in 1990 to €20/t CO<sub>2</sub> in 2010” (Ministry of Environment, Finland, **2012**).

**Quebec** (Canada) was the first province (state) to start a carbon tax in North America on October 1, **2007**.

**British Columbia** (Canada) introduced a carbon tax on July 1, **2008** at a rate of \$CAN10 per metric ton of CO<sub>2</sub> and rose to \$CAN30 in July **2012** (Carbon-tax, 2014).

**Sweden** started a carbon tax in **1991**, which has significantly increased over time, and presently it is more than €100 per tonne of CO<sub>2</sub> (Sweden Gov., 2014).

2. Domestic Carbon Taxes [as of 2014]:

The city of **Boulder** (Colorado) implemented the United States’ first tax on carbon emissions from electricity, on April 1, **2007**, at a level of approximately \$USD7 per ton of carbon (Carbon-tax, 2014).

B. The added cost of materials affected by this tax to suppliers and retailers. How would this be calculated? Whatever the method, and there are methods used by others, this should be published so people see how the carbon tax might affect them. We should not mention carbon taxing with out both numbers published.

Here is the reference link I used regarding carbon taxes now levied elsewhere:

<https://vtdigger.org/2017/01/10/tom-hughes-good-start-scott/#.WbvFiYprzdQ>

Sincerely,

James Wuertele

Energy Coordinator for  
the Town of St. Johnsbury  
802-748-8813  
[jwwec@myfairpoint.net](mailto:jwwec@myfairpoint.net)

**From:** Akara Draper <bounce@convio.net>  
**Sent:** Saturday, September 30, 2017 12:05 PM  
**To:** ANR - VCAC  
**Subject:** Put a price on pollution

Sep 30, 2017

VT Climate Action Commission

this is a time tested solution for reducing our carbon footprint. It is effective because it is the large corporations who get hit the hardest.

The low income people do not find hardly any increase for their gas purchases.

Often, people think that it is the residents themselves who end up paying for the tax increase. It is not or I would not support it.

Thank you for listening

Sincerely,

Akara Draper  
128 Spalding Hill Rd  
East Dummerston, VT 05346-9589  
(802) 258-9890  
akarad22@gmail.com

**From:** sue knightes <dsknights@myfairpoint.net>  
**Sent:** Friday, September 29, 2017 3:45 PM  
**To:** Walke, Peter  
**Subject:** Comments on last night's meeting in St. Albans

.Thank you for last night's comment session and your patient listening to those in attendance.I hadn't planned on commenting but after hearing what was said I would like to add some points that I believe may have been overlooked.

-With my first "real" job in 1968 I have never had a job that I did not carpool. As a teacher I was always able to find someone in the building to commute with even though I usually lived 20-30 miles from the school. When I left teaching to work with my husband at our pharmacy in St. Albans we still rode together. As a commuting college student I always carpooled even when taking one graduate course at UVM. Carpooling is an aspect that is not emphasized enough in Vermont. Vermonters are fiercely independent and need to be convinced of the logic of carpooling and its effectiveness on their pocket books. Saving money is something that is more important to many people than is the environment. Aim for the pocketbook and you may have a better outcome and more support.

-Improved train service We need to provide more trains between Vermont communities, out of state and Montreal. High speed would be nice but anything would be better than what we have. It took a bit of time to convince people that bus service is not such a bad option. Once again, in rural communities buses for work or play are a novelty and not what many Vermonters grew up knowing. Being from Albany-Schenectady I grew up using the buses while still in junior high school. Most Vermonters have not.

-Educate people on what the carbon tax is and, preferably, stay away from the word tax. Surcharge or some such term would be more readily acceptable to people as far too many believe that we as a state are over-taxed. What a misconception that is! Define the carbon "tax" to the public and you might have more on board with the concept. Most opponents of this concept are afraid of more taxation

.Obviously, you can see my teacher influence in that I believe that educating the general public as to how they can save money(and the environment) while cutting down on pollution is the best way to get this point across. Many still do not believe that we have a climate problem but if you can talk about the pocketbook affect they might listen more attentively.Thank you for listening.

A proponent of the carbon "tax"

M. Susan Knightes

**From:** Yoder Ryan <raigai@yahoo.com>  
**Sent:** Monday, September 25, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Considerations for Climate Action Commission  
**Attachments:** climate action commission.docx

Attached are my considerations for the commission. I was at the Manchester hearing and was very glad that you all held it! Thanks for doing this work.

Ryan Yoder  
Yoder Farm  
563 Edmunds Rd.  
Danby, VT 05739



**From:** WILLAM CHRISTIAN <bill\_christian@comcast.net>  
**Sent:** Thursday, September 21, 2017 1:00 AM  
**To:** ANR - VCAC  
**Subject:** Climate Actions Commission listening tour comments

My name is Bill Christian and I live in North Bennington, and I want to thank you for listening to the people of Vermont. I'm writing because the rapid and irreversible rise in carbon dioxide keeps me awake at night. Nothing is more important to me than the survival of our children and their children.

Putting a price on carbon pollution is the most effective thing we can do to fight this. Level-headed conservative economists tell us it's the most successful and fairest action we can take. If you pollute, you pay, and you can stop polluting and paying in whatever way you chose. We Vermonters must take the first step with this, and then hope and pray that our neighbors also do what's right. If we don't, we are lost and we'll write off our descendants. It is up to us.

We must also welcome and promote the clean sustainable power that's necessary for modern life. We can't let illogical or untrue concepts slow or stop our progress. If we use energy, we must pick the least harmful sources. If we choose to continue burning billions of cubic feet of fracked gas because wind farms expose us to noise, without understanding that cars expose us to hundreds of times more noise, then we've failed.

Thanks again for listening to us.

Bill Christian, P.E.  
19 Hewitt Drive  
North Bennington VT  
802 430 4511

**From:** Gregory J. McHugo <Gregory.J.McHugo@dartmouth.edu>  
**Sent:** Friday, September 15, 2017 9:48 AM  
**To:** ANR - VCAC  
**Subject:** It's time

Dear members of the Governor's Climate Action Commission,

I support coordinated, immediate, and far-reaching policies to cut pollution (especially carbon emissions) and to stimulate growth in the Vermont economy. More concretely, I support a tax on carbon pollution that increases gradually over the next 10 years. This is not just a good idea, it is imperative. Our lawmakers, in Vermont and across the U.S., have long been irresponsible in regard to climate change and our role in slowing its progress. Vermont needs to be a leader — facing the facts and acting accordingly.

As has been shown in multiple studies, incentivizing the switch from fossil fuels to clean energy also provides a boost to the economy. Sustainable energy production creates jobs — for example, witness the growth in solar energy production across the country. This is a case where doing the right thing to curb climate change is also the right thing to grow a local economy.

I have no doubt that Vermonters will support decisive and meaningful action. It's all about the world that our children, grandchildren, and their children will inherit. What will be our legacy as stewards of Vermont's environment and economy? The Commission is in a position to make crucial changes and to reassure us that our state government is acting with wisdom and a sense of duty to all Vermonters.

Sincerely,

Greg McHugo

Gregory McHugo

84 Cross Road

Strafford, VT 05072

H: 802 765-4300

M: 802 356-5581

**From:** Emma Schneider <emmaschneider17@gmail.com>  
**Sent:** Thursday, September 14, 2017 8:44 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

Dear Climate Action Commission,

I am a new resident of Vermont (as of this May) and am hoping to continue to live in the state for the rest of my life and to someday raise children here. As such, the environmental well-being of the state is of the utmost concern to me. I am not able to attend one of the Climate Action Public Comments, but I would like you to know that responding to climate change in a sustainable, equitable manner is my first concern as a voter. Please do all that you can to transition VT to 100% renewable energy as quickly as possible. Please also support efforts to expand public transportation/bike and pedestrian friendliness and to protect our waterways and forests. I am proud to be a resident of a state that does so much for its people and its environment. Please help us continue to be an environmental leader, with the goal of being ever more so. I support a carbon tax and other similar measures to lower usage of fossil fuels in our state, especially if the revenue from this tax is used to offset the increased energy costs for low-income residents, increase use of renewables, and support environmental education.

Climate change is the most important issue of our time. It impacts everything. Please do all you can to help our community to be sustainable and resilient as we move forward.

Thank you,

Emma Schneider

**From:** TheWrightWords4U <thewrightwords4u@gmail.com>  
**Sent:** Thursday, September 14, 2017 7:28 PM  
**To:** ANR - VCAC  
**Subject:** Damaging effects of pollution

Even here, high on the ridge in Cabot Vermont; Is the parent while hiking through the woods that the trees are sickening from pollution while Warming temperatures bring new pests the damage them.

The state of Vermont should continue and even increase its efforts to fight carbon omissions in order to preserve our ecological health.

I sincerely hope that you will continue to work on our behalf to maintain the health and beauty of our waterways and forest lands.

Sincerely,

Alexander R. Anlyan  
Cabot VT.

**From:** Sue Morris <suereel@editide.us>  
**Sent:** Tuesday, September 12, 2017 2:13 PM  
**To:** ANR - VCAC  
**Subject:** Cleaner-greener

Hi there:

We are writing to support a campaign by VPIRG in support of clean energy. We support a carbon tax and any other measures to cut pollution and increase use of sustainable sources of energy, such as wind and solar.

Thanks for listening,

Sue and John Morris

If now isn't a good time for the truth, I don't see when we'll get to it. —Nikki Giovanni

Sue Morris

Editide

1392 VT Rte 232

Marshfield, VT 05658

USA

hours 11am to 11pm eastern time

(888) 259-8216 toll free

(732) 334-8433

[suereel@editide.us](mailto:suereel@editide.us)

<http://www.editide.us>

**From:** gpaynevt@gmail.com on behalf of Guy Payne <guy@seon.info>  
**Sent:** Friday, October 6, 2017 10:48 AM  
**To:** Miller, Johanna; bob stevens; Costello, Paul; Walke, Peter  
**Cc:** Theresa; <jonathan@mindelmorse.com>  
**Subject:** Climate Action Commission  
**Attachments:** Abbreviated SEON Commentary for the Commons (2) final.docx

Hello All,

Thank you all for coming last night and lending your ear to folks in our community.

I've attached an abbreviated "Commentary" that was sent to our local weekly newspaper. My hope is that this will serve as a follow-up to my request for a revision to the criteria for participation in the Vermont Training Program. It also links with Alex Wilson's recommendation for increased public education.

SEON has on the books 3 training programs to be instructed by Peter Yost (Vice-President, BuildingGreen and one of the country's foremost trainers) for this Fall. These are courses designed for the incumbent workforce and already I see that we will have to cancel one for lack of enrollment, and worry this will be the same for the other two. Our small residential and light commercial builders who are key to our climate change economy do not have the resources to pay for state-of-the-art training and they do not qualify for enrollment in the program. The VNRC has one of its priorities:

- **Prioritize building a clean energy workforce**, including training and recruitment and incentive programs to build this growing and essential sector of Vermont's economy.

We need to make adjustments to the Vermont Training Program, but more importantly we need to develop a workforce development system that doesn't just focus on projects but on an infrastructure that is sustainable and has an impact on industry sectors. What we have today is not working for the green building industry.

Thanks again for your time and attention.

**Guy**

Guy Payne

Executive Director

Sustainable Energy Outreach Network (SEON)

532 Putney Rd. Suite 204

Brattleboro, VT 05301

802-376-9262

[www.seon.info](http://www.seon.info)

**From:** Lisa Laberge <lisa@grassrootssolar.com>  
**Sent:** Wednesday, October 4, 2017 8:04 AM  
**To:** ANR - VCAC  
**Subject:** Comment for Vermont Climate Action Committee

Dear Climate Commission:

I was in the audience for the Manchester tour of the Climate Commission. What I heard was many people working out their fear, grief and frustration and that was useful, but I didn't hear many creative solutions.

*You need to win hearts in order to change minds.* What we need is a robust marketing campaign to persuade Vermonters over to renewables for their own homes. This is a 'kitchen table' issue. My family has solar, drives an electric car, and we are about to replace our propane heater with an electric heat source. If many Vermont homes made changes like these, we can be an example for the rest of the country.

I would convene a panel of the best minds in marketing in Vermont to come up with a marketing campaign that will reach all Vermonters. Tap into the resources and talent that is in our state. Renewables beat fossil fuels as the better energy source in every way so you are selling a winner right off the bat. If we want to get to 90% renewable by 2050, we need to persuade Vermonters to choose the better choice for their everyday lifestyle.

Keep the marketing simple and easy for the average person to understand. Maybe use the power of self-identifying groups in your ad campaign. And, please devise some rebates. People love to save money, even if it is a small amount.

Here is one idea. The logo would be a traffic light and it would be a competition among a list of self-identifying groups.

## **RACE TO GO GREEN**

Farmers Go Green

Teachers Go Green

Inn Keepers Go Green

Brewers Go Green

etc.

Each step they take earns them points towards their group's goal. The prize would be funding for a non-profit to Go Green. Vermonters are very giving and love to help non-profits.



Make it fun! You will attract a broader audience if you make this process enjoyable.

Thank you for your consideration.

Lisa

Lisa Laberge

Grassroots Solar, Inc.

5145 Route 30

Dorset, VT 05251

(802) 688-9270

[www.grassrootssolar.com](http://www.grassrootssolar.com)



**From:** James Burde <james@teiki.com>  
**Sent:** Thursday, September 28, 2017 11:10 AM  
**To:** ANR - VCAC  
**Subject:** VCAC public hearing

To whom it may concern:

We are writing to ask the Governor and his Commission to show genuine leadership by coming to the table and considering Vermonters' recommendations for real climate solutions. These include:

- Prioritize building a clean energy workforce, including training and recruitment and incentive programs to build this growing and essential sector of Vermont's economy.
- Make smart investments with the \$18.7 million Environmental Mitigation Trust funds that the state will receive as part of the Volkswagen diesel emission settlement. The state should invest in the most impactful greenhouse gas and public health-benefitting strategies possible – not “clean” diesel. Investments could include solutions such as electrifying bus fleets and more.
- Put a price on carbon pollution because it's the most effective and efficient way to reduce fossil fuel consumption and reduce taxes on other things that Vermonters value, like income, property or sales. A well-crafted carbon pollution tax – one that protects and supports low and middle income earners in particular – could reap significant environmental and economic benefits for Vermont.
- Maintain and strengthen policies that support a smart, strategic and inclusive transition to clean energy. Recent policies to support include: The 2015 Renewable Portfolio Standard and its cost- and climate pollution-cutting “Tier 3” energy transformation requirement as well as the Comprehensive Energy Planning underway via Act 174, where municipalities and regions are helping outline how they want to see the 90% renewable energy by 2050 goal implemented in their communities.

Thank you,

James & Kay Burde

James Burde



Teiki Design Studio

(802) 899-2497

[www.teiki.com](http://www.teiki.com)

[james@teiki.com](mailto:james@teiki.com)

**From:** mima tipper <mimatip@gmail.com>  
**Sent:** Thursday, September 28, 2017 10:48 AM  
**To:** ANR - VCAC  
**Subject:** re: tonight's climate change hearing

- **Dear Gov. Scott,**
- **I am in complete agreement with VNRC's top elements on which to focus for our state's response to climate change.**
- 
- **Prioritize building a clean energy workforce**, including training and recruitment and incentive programs to build this growing and essential sector of Vermont's economy.
- **Make smart investments with the \$18.7 million Environmental Mitigation Trust funds that the state will receive as part of the Volkswagen diesel emission settlement.** The state should invest in the most impactful greenhouse gas and public health-benefitting strategies possible – not “clean” diesel. Investments could include solutions such as electrifying bus fleets and more.
- **Put a price on carbon pollution** because it's the most effective and efficient way to reduce fossil fuel consumption and reduce taxes on other things that Vermonters value, like income, property or sales. A well-crafted carbon pollution tax – one that protects and supports low and middle income earners in particular – could reap significant environmental and economic benefits for Vermont.
- **Maintain and strengthen policies that support a smart, strategic and inclusive transition to clean energy.** Recent policies to support include: The 2015 Renewable Portfolio Standard and its cost- and climate pollution-cutting “Tier 3” energy transformation requirement as well as the Comprehensive Energy Planning underway via Act 174, where municipalities and regions are helping outline how they want to see the 90% renewable energy by 2050 goal implemented in their communities.

Thanks so much for your attention,

Mima Tipper, Burlington, Vermont

**From:** Colin Henshaw <cohensn1987a@hotmail.com>  
**Sent:** Wednesday, September 27, 2017 1:58 AM  
**To:** Steve Davis; ANR - VCAC  
**Cc:** bill@GrassrootsSolar.com; Alan@SustainableDesignOfVT.com; vlyons@leg.state.vt.us; KR.LA@burlingtontelecom.net; pete@darksky.org; mmotta@massmed.org  
**Subject:** Re: [Transition Towns - Manchester] Governor Scott (VT) wants input from the public as to what we should do on the state level to address climate change.

**I concur. In addition, if not already stated, low colour temperature LED lighting (not exceeding 2300K in residential and suburban areas) should be installed, and subject to an 11p.m. till dawn curfew in those same areas. Motion operated lighting can be introduced in residential and suburban areas where the volume of pedestrian and vehicular traffic is not high. This technology is available, so there is no excuse for not taking advantage of it, so the savings in terms of money and energy will be enormous. Lighting should not be installed in rural areas unless absolutely necessary.**

**Colin.**

---

**From:** Steve Davis <w2sgd@juno.com>  
**Sent:** 27 September 2017 01:51  
**To:** anr.vcac@vermont.gov  
**Cc:** bill@GrassrootsSolar.com; Alan@SustainableDesignOfVT.com; vlyons@leg.state.vt.us; KR.LA@burlingtontelecom.net; pete@darksky.org; mmotta@massmed.org  
**Subject:** [Transition Towns - Manchester] Governor Scott (VT) wants input from the public as to what we should do on the state level to address climate change.

Whatever happened to H.28 (2005-2006), which was "... to establish state policy regarding outdoor lighting and to establish an advisory board with a mandate to develop and update outdoor lighting guidelines designed to **limit illumination levels, prevent glare, reduce light pollution, prevent light trespass and promote energy efficiency?**" It became the law of the land. One member of the advisory board told me they never met.

Did the lighting industry "pull a fast one" and have it overturned?

Attached is a copy of the bill. The only thing I would change, which is highlighted in yellow, is to remove Section 591 (d) "... or luminaires that are constructed so that no more than two percent to the total luminaire lumens in the zone 90 degrees to 180 degrees vertical is permitted if the related output of the luminaire is greater than 3,200 lumens." and (1) (D) below "Use of outdoor lighting fixtures that emit no more than two percent of light above the horizontal plane." It conflicts with everything else in the bill and "smacks" of NEMA's hold over the State and The People of Vermont. There are more than enough luminaires that do qualify at zero percent at 90 degrees and above and have less glare.

An answer would be appreciated and even better would be to reinstate the law with the changes noted above.

Your truly,  
Stephen Davis, MSEE

**From:** Bruce Lierman <liermans@comcast.net>  
**Sent:** Monday, September 25, 2017 12:59 PM  
**To:** ANR - VCAC  
**Subject:** Comments for the committee

Thank you for the opportunity to participate in the public meeting in Manchester last Thursday.

Due to the time limits at the meeting, I wasn't able to present all of my thoughts on this committee's important work.

A more complete response is provided below.

I welcome Governor Scott's appointment of the Climate Action Committee to investigate and recommend ways our state can act to mitigate the effects of climate change.

I also welcome Governor Scott's mandate to conduct this work in keeping with his administrative goals - to strengthen the economy, make Vermont more affordable, and protect the most vulnerable.

The question this committee must answer is: How can we maintain a stable, productive economy, plan for a turbulent future at the lowest possible cost to our citizens and environment, protect the most vulnerable, and insure an equitable distribution of benefits and impacts across Vermont?

We have already experienced the disruption future storms will bring during Irene, Sandy, and recently the flooding of last June. By all forecasts, we can expect these events with greater frequency in the future. No matter what steps we are able to implement to forestall the worst effects of climate change, climate change is here and we are going to feel its effects.

Perhaps the most important work of this committee is to frame our response as *transforming* the economy, not growing the economy.

This committee needs to convey the message that economic growth in the traditional sense is completely contrary to developing a sustainable, resilient economy for the future. We want an active, innovative economy focused on local needs and productive employment in challenging times.

We need to define systems where human and machine labor are used appropriately and wisely;

- Develop our economy around renewable energy initiatives, supported by continuing incentives for transition away from carbon fuels. A tax on carbon is a proven, necessary and effective tool to this end. Carbon fuels should be viewed as a resource reserved for only the most critical emergencies and disaster response.
- Weatherization as the cheapest and most available means to reduce overall energy consumption and protect vulnerable citizens.
- High density, village-based development regulations to reduce energy, transportation and information infrastructure costs and expansion. Those who insist on living at the end of the "last mile" must be aware of, and willing to accept, the real cost of that choice.

I ask the committee to make resiliency an explicit part of our community and statewide culture.

- Strategically stage tools and energy sources locally for recovery and re-establishment of critical infrastructure.

- Improve networked, smart grid communications and energy technology to provide local resiliency. Communities who support local renewable energy generation should expect those resources will be available to them locally in times of disruption.
- Promote local food processing for preservation and storage.
- Develop robust community organizations to insure all community resources are used effectively and equitably.
- 

As a note on this last request, I once worked for an organization that had what we called the “Swiss Army”. There’s a saying about the Swiss;

“Switzerland doesn’t have an army; it *is* an army.” For generations, able-bodied Swiss citizens have been trained, assigned and equipped to perform a specific function in time of crisis, as part of an organized effort or, if need be, as an individual.

In our company, during times of unusual business activity, everyone in the company had an alternate assignment to help out with the stressed function until the situation was resolved. I ask this committee to investigate the organization of community and neighborhood groups who could respond to disruptions of community functions by climate or other events.

The purpose would be to provide emergency preparedness & response in critical areas until the situation was stabilized:

- Medical support - provide logistical and physical support for available medical personnel
- Energy support - Implement backup energy generation and distribution schemes
- Transportation support - operate equipment, deploy alternate roadway structures and emergency transportation networks
- Communications - set up and operate communications between emergency personnel and the general public through all forms of communication
- Neighborhood teams - train and equip neighborhood resources to contact vulnerable neighbors, assess damage, and communicate with emergency response organizations.

One way to implement these programs at the least possible cost might be to provide tax incentives (property tax rebates or reduced rates) for emergency preparedness participation.

I also ask the state consider teaching resiliency, and individual roles, in schools at the high school level and below:

- Discussions in the classroom
- Participation in drills and exercises
- Advancement to positions of responsibility in emergency preparedness (the Hahn school model)

Thank you for providing the opportunity for citizens like me to contribute to this important discussion.

I’ve made many requests and suggestions in this email. Please contact me if you have questions about any of them.

Bruce Lierman

309 Chester Knoll Drive

Bennington VT 05201-2267

liermans @ [comcast.net](mailto:liermans@comcast.net)

802 733-6566

**From:** Wendy Leffel <wleffel@gmail.com>  
**Sent:** Thursday, September 21, 2017 2:22 PM  
**To:** ANR - VCAC  
**Subject:** Reduce fossil fuel - offer VT state meetings through internet

Hi,

I am happy to hear of the formation of this committee and look forward to reading your findings and recommendations.

One way Vermont could reduce the use of fossil fuel for transportation is to use existing internet teleconferencing technology for Vermont state agency meetings. There are a number of Vermonters who drive from Southern Vermont to Montpelier, Waterbury or Burlington to attend meetings. A great deal of wasted time and gas could be saved and pollution prevented if Vermont state agencies used 21st century technology for meetings as many businesses do.

Thank you for your consideration,

Wendy Leffel



**From:** Al.Blakey <ablakey@aol.com>  
**Sent:** Friday, October 6, 2017 2:54 PM  
**To:** ANR - VCAC  
**Subject:** C A C P Comment  
**Attachments:** CostPerKwHr.jpg

Placing a tax on carbon, paid by the end user, is not the solution. As with any product price drives consumption and the more something costs the less likely people are to purchase it. That's fine if it is a luxury purchase. Driving gas hog SUVs does not reduce the consumption it exacerbates it. People who can afford those vehicles could care less about the price of gas. The cost of selling the product as in impact on the profit margin is where the tax must be applied. Given no other choice but to purchase gas to get to work the consumer has no choice but to pay even when they can not afford to, as it is. Any 'tax' on fossil fuels must be paid by the manufacturer with out recourse to recover from the consumer in any way. The true cost of coal, oil, nuclear, and natural gas has been paid by the tax payer long enough it is about time the corporation profits took the hit.

Address the true cost of fossil fuel power sources. Present up front the hidden costs, paid by tax payers for decades, so that corporations could make their profits.

Place subsidies for renewable energy on par with fossil fuel. Better yet exchange the ratios by providing the biggest money to renewables. Let's see how long the fossil fuels industry takes to drop and run to the renewable side of the equation.

I have had PV solar on my home since July 2010. The \$10,023 14 panel system, purchased cash, provides about half my power needs. I have recovered \$4,524.36 in savings to date. The system has produced 21.7 megawatt hours to date. The system today costs me \$0.2529 per kWhr. A week ago it was \$0.2545. That rate goes down each day as the panels produce more. Allowing home owners a buy in at a price that would quickly be at grid parity would go a long way to making distributed PV solar affordable. Renewable energy should not follow the paradigm of production, only by corporations and their profits. We should all be able to affordably participate in the green energy movement. Ensure economical distributed power production continues.

Alfred S. Blakey

83 Berlin St.

Barre, VT

05641-4506

802-479-2645

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[tinyurl.com/VTPowerFromTheSun/](http://tinyurl.com/VTPowerFromTheSun/)

**From:** anr.webmaster@vermont.gov  
**Sent:** Friday, October 6, 2017 2:53 PM  
**To:** ANR - VCAC  
**Subject:** Climate Action Commission Public Comment

## [A comment was submitted on the Climate Action Public Comment site](#)

**First Name:** Alfred  
**Last Name:** Blakey  
**Email Address:** ablakey@aol.com

### **Recommendation 1**

Placing a tax on carbon, paid by the end user, is not the solution. As with any product price drives consumption and the more something costs the less likely people are to purchase it. That's fine if it is a luxury purchase. Driving gas hog SUVs does not reduce the consumption it exacerbates it. People who can afford those vehicles could care less about the price of gas. The cost of selling the product as in impact on the profit margin is where the tax must be applied. Given no other choice but to purchase gas to get to work the consumer has no choice but to pay even when they can not afford to, as it is. Any 'tax' on fossil fuels must be paid by the manufacturer with out recourse to recover from the consumer in any way. The true cost of coal, oil, nuclear, and natural gas has been paid by the tax payer long enough it is about time the corporation profits took the hit.

### **Recommendation 2**

Address the true cost of fossil fuel power sources. Present up front the hidden costs, paid by tax payers for decades, so that corporations could make their profits.

### **Recommendation 3**

Place subsidies for renewable energy on par with fossil fuel. Better yet exchange the ratios by providing the biggest money to renewables. Let's see how long the fossil fuels industry takes to drop and run to the renewable side of the equation.

### **Other Considerations**

I have had PV solar on my home since July 2010. The \$10,023 14 panel system, purchased cash, provides about half my power needs. I have recovered \$4,524.36 in savings to date. The system has produced 21.7 megawatt hours to date. The system today costs me \$0.2529 per kWhr. A week ago it was \$0.2545. That rate goes down each day as the panels produce more. Allowing home owners a buy in at a price that would quickly be at grid parity would go a long way to making distributed PV solar affordable. Renewable energy should not follow the paradigm of production, only by corporations and their profits. We should all be able to affordably participate in the green energy movement. Ensure economical distributed power production continues.

[Click here to view all comments](#)

**From:** Daniel Hoviss <daniel@putney.net>  
**Sent:** Friday, October 6, 2017 10:55 AM  
**To:** ANR - VCAC  
**Cc:** Johanna Miller  
**Subject:** Comments for task force

Thank you for the opportunity to comment. Here are some of my thoughts;

1. Reverse the continued lowering of the solar adder incentives. This alone has caused many lost jobs as people put off the purchase of solar power.
2. Stop catering to out of state energy conglomerates. These companies are not actually as Green as it seems. Gmp should not be able to retire solar credits after 1 year. One look at the tree shading the solar installation in Westminster tells the story.
3. Grandfather all incentives for solar installations made before rule changes, so that homeowners, businesses and investors are not faced with a constantly changing return on their investment. The rules in effect at purchase time should not change for the lifetime of the project.
4. Actually support community solar installations by carving out a special rate structure and waiving some of the more stringent siting requirements for those 150kW installations that sell a large portion of panels to the community.
5. Establish a fund to help offset the cost of purchasing solar panels for LMI households and require a utility to offer on-bill financing. This would work far better than the current EAP where social welfare simply offsets the bill. Currently there is no incentive to get off the LMI program. Home owners that are able to afford solar would be off the program in 10 to 12 years while generating a large portion of their power to cover the bills.
6. Really stop spending ungodly sums of money on park and rides and other car centric infrastructure projects. Money allocated to those projects is lost to other more environmentally friendly options like bike paths and a real electric car charging station network.
7. Mandate that any new construction include solar hot water / thermal or pv.
8. Include and create larger business tax incentives for business to make use of large roof tops, big box store parking lots and unused fields.
9. Create a legal structure and loan loss fund to address community solar on leased buildings to mitigate risk associated with the complexity of these arrangements?. Empty buildings should be required to have solar panels.
10. Remove the "un recoverable cost" line items from the power bill. A solar credit is a credit! So it should apply to the entire bill.
11. Actually support no idling by instructing all state, town, trucking businesses and official organizations to not idle unless it is a real emergency.
12. Require dual battery systems for vehicles that require power so they do not need to idle.
13. Empower the state police to ticket polluters, and idling offences.  
I would be happy to see a new organization developed to curb idling and polluting by allowing empowered citizens to write tickets...
14. Establish a timeline to switch to electric vehicles for all postal, School Bus, delivery and transport vehicles.
15. Commit to 100% renewable energy for all government buildings.
16. Fund electric car and electric bike startups with 0% loans and rent abatement for eligible locations.

17. Establish a ev rebate for bikes and other forms of electric transportation.
18. Fund the train system! Add more lines, and stops. Improve ridership by purchasing back privately owned stations then renovate? them and improve existing stations.
19. Setup a special incentive for battery storage systems, and make it easier to integrate them into existing installations without needing to complete new cpgs.
20. Mandate all lighting for all government and public buildings be replaced with LED or ultra high efficiency bulbs.
21. Mandate all public facilities use motion sensing, including park and rides, where lighting can switch to low power mode unless there is activity on the lot.
22. Require all new governmental facilities offset 100% of the power with renewables.
23. Double the efficiency vt incentives for home and businesses. Low hanging fruit has been picked.
24. Add sheltered bike racks to all bus stops and government buildings.
25. Require buses and trains to carry more bikes with racks front and back, or inside.

These are just a few thoughts, sure I could come up with more...

Good luck changing the entrenched establishment.

Daniel Hoviss  
Westminster Vt

8022541410

**From:** Douglas Grandt <answerthecall@me.com>  
**Sent:** Friday, September 29, 2017 9:30 AM  
**To:** ANR - VCAC  
**Subject:** Re: VCAC - Doug Grandt testimony supplement #1

Dear Hannah et al. on VCAC and VNRC,

As I sent the email below, several paragraphs were dropped (my phone email has been doing this lately, I don't know why) so I am reconstructing what I had previously typed and it should be inserted into my earlier email at the position marked by <INSERT PARAGRAPHS HERE> below.

Best regards,

Doug Grandt

Putney VT

350ppm and 1°C global average temperature rise over pre-industrial is the current widely excepted target for CO2 reductions, which supersedes the 2°C target that has been used by UNFCCC COP and IPCC.

I learned in 2007 from IPCC chairman Rajendra Pachauri that even with achieving 2°C rise over preindustrial, 2 billion people will be affected by drought, heat waves, extreme weather, flooding, hunger, thirst, starvation, diseases and displacement by sea level rise while 30% of all species will be coming extinct as a result of this relatively moderate rise in temperature.

Dr. James Hansen has prepared testimony for our children's trust lawsuit against the US government which explains the current thinking about achieving 1°C maximum sustainable average temperature. It will require sequestration of CO2 in addition to reducing CO2 emissions.

A few organizations including Citizens Climate Lobby, several Senators and Representatives, and thousands of citizens are calling for "a carbon tax" with various starting levels and a variety of annual increasing scenarios. There has not been a single definitive study as to the appropriate level of carbon fee that would result in reductions of CO2 emissions, which is why everyone of these proposals includes a steadily increasing rate on the expectation that at some point in the future The rate will become effective and maybe level off.

The first carbon fee legislation proposal in 1990 was based on \$30 per ton of carbon with a annual increase until such point that emissions begin to fall because there was no idea when that would occur. The office of budget and management assessed that level as being too low to be effective and that \$100 per ton of carbon was needed. That was in 1990-1992, and the Representative was Fortney "Pete" Stark of California.

(Note that one ton of carbon makes 3.67 tons of CO<sub>2</sub>. It is not clear to me whether Mr. Stark meant "carbon" as stated in his bills or if he intended "CO<sub>2</sub>".)

All of the current proposals are really nothing more than variations on that original proposal by Pete Stark.

The effective level of a carbon fee has not been tested, but one group (IOP Science's publication) has concluded that different fuel types in different sectors have different sensitivities to a range of levels of carbon fees. Fuel types include natural gas, gasoline, diesel, kerosene, propane, fuel oil, coal, bitumen, etc. Sectors include passenger vehicles (cars, buses, light trucks); freight vehicles (trucks and rail); aircraft; boats and ships; construction and agricultural equipment; residential, commercial and industrial boilers, ovens, and heaters; and industrial processes.

Without consideration for the likely impact of "a carbon tax" on each of the various fuels and sectors, the resulting reduction and timeframe is uncertain. The science demands a certainty in timeframe to abandon carbon fuels.

Vermont can help begin concrete verifiable reductions in emissions by **imposing a cap** on the importation, distribution and combustion of hydrocarbon fuels within our state—a **cap that declines to zero** over a finite time period, and by **steadily measuring compliance** with verifiable metrics and easily captured data.

If we are serious about aggressively addressing and taking control of the root cause of global warming, we must determine what is most effective and what are verifiable metrics of success.

My personal metric for the project I have been working on for five years is this set of hashtags: #RetireRefineries #OnePerWeek #CountToZero and #ReplaceRefineriesWithRenewables.

I will be happy with **one refinery retired** as a beginning and then **one retired refinery retired every week** for 15 years.

According to Dr. James Hansen's paper published December 3, 2014, this trajectory should have begun in 2015. (The German Advisory Council on Global Change 2009 publication has a similar set of trajectories.) Hence we are already about 120 refineries in arrears.

There are about 750 refineries worldwide that need to be retired. There are about 2,300 gas and coal fired power plants that need to be retired.

There are innumerable boilers, ovens, heaters and industrial processes. They all must be shut down, electrified, or converted to liquid carbon-free fuels.

The only surefire way to make the shift is to cut off (reduce to zero) the supply of carbon-based fuels and crude feedstocks.

Just as a point of reference, if the 15 refineries shuttered as a result of hurricane Harvey were left off-line, that would represent a minor reduction of 2%-3% of worldwide capacity. That would be a good start, and the impact would be relatively minor. But it would force the oil companies to start establishing a new mindset required for the endgame of the petroleum era.

### **Reference Documents**

[Bit.ly/IOP25Aug25](http://Bit.ly/IOP25Aug25) - Multi-tiered C-fee

[Bit.ly/WBGU-2009](http://Bit.ly/WBGU-2009) - German Advisory

[Bit.ly/HansenPLOS](http://Bit.ly/HansenPLOS) - Dr. James Hansen

[Bit.ly/OCT\\_science](http://Bit.ly/OCT_science) - Our Children's Trust

Best regards,

Doug Grandt

Putney, VT

510-432-1452

Sent from my iPhone (audio texting)

On Sep 29, 2017, at 7:27 AM, Douglas Grandt <[answerthecall@me.com](mailto:answerthecall@me.com)> wrote:

Dear Hannah et al. on VCAC and VNRC,

This is one of two emails intended to supplement my testimony last night in St. Albans.

The following email arrived in my inbox this morning, coincidentally just a few hours after the St. Albans VCAC hearing.

I am a member of the google group, and have been aware of various trial efforts to remove CO<sub>2</sub> (CD-R) direct air capture (DAC) for several months.

As you can see in this one short thread, which typifies many other recent email exchanges, CD-R or DAC development is well underway, and will be a necessary component of the global effort to bring atmospheric CO<sub>2</sub> concentration down to the near pre-industrial level of 300ppm.

<INSERT PARAGRAPHS HERE>

Sent from my iPhone (audio texting)

Begin forwarded message:

**From:** Jim Lerner  
**Date:** September 29, 2017 at 2:30:16 AM EDT  
**To:** Evan Hughes, Healthy Climate Project <[healthy-climate-project@googlegroups.com](mailto:healthy-climate-project@googlegroups.com)>  
**Subject:** Stuart Licht's Method of Carbon Capture

I'm forwarding an email from a fellow CCL colleague. I haven't read the links but wonder what could possibly remove 1,000 gigatons (or is it more than this?) in just 10 years. That's 100 gigs per year.

----- Forwarded message -----

From: Bruce Burdick  
Date: Thu, Sep 28, 2017 at 2:27

Are University of California scientists working on Stuart Licht's method of carbon capture? He claims "with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO2 to decrease atmospheric levels to those of the pre-industrial revolution within 10 years"

I would like to know if carbon nanofiber technology has promise, or if we drastically need to reduce the CO2 emissions of Californians.

Here is an article on carbon capture to make carbon nano fibers

<https://www.acs.org/content/acs/en/pressroom/newsreleases/2015/august/co2.html>

And here is Stuart Licht's contact information:

<https://chemistry.columbian.gwu.edu/stuart-licht>

Thank you for helping us reach a sustainable future,

Bruce



Bruce Burdick, M.D.

(916) 215-3299

[brucenburdick@icloud.com](mailto:brucenburdick@icloud.com)

Headline of the story to which I am responding:

“State considers ban on gas and diesel car engines to bolster electric vehicles.”, page A1  
September 28

Yes, California needs to ban the sale of gas and diesel powered cars. It sounds difficult, but CO2 emissions from gas powered cars will warm the earth more than 1.5 degrees C, which is a worse option.

As we attempt to limit warming to 1.5 degrees C, let us remember the ultimate goal. The world needs to stop global warming and sea level rise. That requires global temperatures to decrease 0.85 degrees C. That requires each of us to emit less CO2 than the forests of the world absorb on our behalf. That requires each of us to emit less CO2 than it currently takes to grow our food (unless we develop a carbon capture technique that takes more CO2 out of the air than the forests of the world).

Stuart Licht, Ph.D., of George Washington University claims he can take CO2 from the air and turn it into carbon nanofibers.

“We calculate that with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO2 to decrease atmospheric levels to those of the pre-industrial revolution within 10 years”

California should ban gas and diesel powered cars, and use Cap and Trade money to investigate Stuart Licht’s carbon capture technology.

Reference:

<https://www.acs.org/content/acs/en/pressroom/newsreleases/2015/august/co2.html>

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**FOR IMMEDIATE RELEASE | August 19, 2015**

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'Diamonds from the sky' approach turns CO<sub>2</sub> into valuable products

***Note to journalists: Please report that this research will be presented at a meeting of the American Chemical Society.***

**A press conference on this topic will be held Wednesday, Aug. 19, at 9:30 a.m. Eastern time in the Boston Convention & Exhibition Center. Reporters may check-in at Room 153B in person, or watch live on YouTube <http://bit.ly/ACSLiveBoston>. To ask questions online, sign in with a Google account.**

BOSTON, Aug. 19, 2015 — Finding a technology to shift carbon dioxide (CO<sub>2</sub>), the most abundant anthropogenic greenhouse gas, from a climate change problem to a valuable commodity has long been a dream of many scientists and government officials. Now, a team of chemists says they have developed a technology to economically convert atmospheric CO<sub>2</sub> directly into highly valued carbon nanofibers for industrial and consumer products.

The team will present brand-new research on this new CO<sub>2</sub> capture and utilization technology at the 250<sup>th</sup> National Meeting & Exposition of the American Chemical Society (ACS). ACS is the world's largest scientific society. The national meeting, which takes place here through Thursday, features more than 9,000 presentations on a wide range of science topics.

"We have found a way to use atmospheric CO<sub>2</sub> to produce high-yield carbon nanofibers," says Stuart Licht, Ph.D., who leads a research team at George Washington University. "Such nanofibers are used to make strong carbon composites, such as those used in the Boeing Dreamliner, as well as in high-end sports equipment, wind turbine blades and a host of other products."

Previously, the researchers had made fertilizer and cement without emitting CO<sub>2</sub>, which they reported. Now, the team, which includes postdoctoral fellow Jiawen Ren, Ph.D., and graduate student Jessica Stuart, says their research could shift CO<sub>2</sub> from a global-warming problem to a feed stock for the manufacture of in-demand carbon nanofibers.

Licht calls his approach "diamonds from the sky." That refers to carbon being the material that diamonds are made of, and also hints at the high value of the products, such as the carbon nanofibers that can be made from atmospheric carbon and oxygen.

Because of its efficiency, this low-energy process can be run using only a few volts of electricity, sunlight and a whole lot of carbon dioxide. At its root, the system uses electrolytic syntheses to make the nanofibers. CO<sub>2</sub> is broken down in a high-temperature electrolytic bath of molten carbonates at 1,380 degrees F (750 degrees C). Atmospheric air is added to an electrolytic cell. Once there, the CO<sub>2</sub> dissolves when subjected to the heat and direct current through electrodes of nickel and steel. The carbon nanofibers build up on the steel electrode, where they can be removed, Licht says.

To power the syntheses, heat and electricity are produced through a hybrid and extremely efficient concentrating solar-energy system. The system focuses the sun's rays on a photovoltaic solar cell to generate electricity and on a second system to generate heat and thermal energy, which raises the temperature of the electrolytic cell.

Licht estimates electrical energy costs of this "solar thermal electrochemical process" to be around \$1,000 per ton of carbon nanofiber product, which means the cost of running the system is hundreds of times less than the value of product output.

"We calculate that with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO<sub>2</sub> to decrease atmospheric levels to those of the pre-industrial revolution within 10 years," he says.

At this time, the system is experimental, and Licht's biggest challenge will be to ramp up the process and gain experience to make consistently sized nanofibers. "We are scaling up quickly," he adds, "and soon should be in range of making tens of grams of nanofibers an hour."

Licht explains that one advance the group has recently achieved is the ability to synthesize carbon fibers using even less energy than when the process was initially developed. "Carbon nanofiber growth can occur at less than 1 volt at 750 degrees C, which for example is much less than the 3-5 volts used in the 1,000 degree C industrial formation of aluminum," he says.



The team's research has been funded primarily by the [National Science Foundation](#).

The American Chemical Society is a nonprofit organization chartered by the U.S. Congress. With more than 158,000 members, ACS is the world's largest scientific society and a global leader in providing access to chemistry-related research through its multiple databases, peer-reviewed journals and scientific conferences. Its main offices are in Washington, D.C., and Columbus, Ohio.

To automatically receive press releases from the American Chemical Society, contact [newsroom@acs.org](mailto:newsroom@acs.org).

###

*Note: ACS does not conduct research, but publishes and publicizes peer-reviewed scientific studies.*

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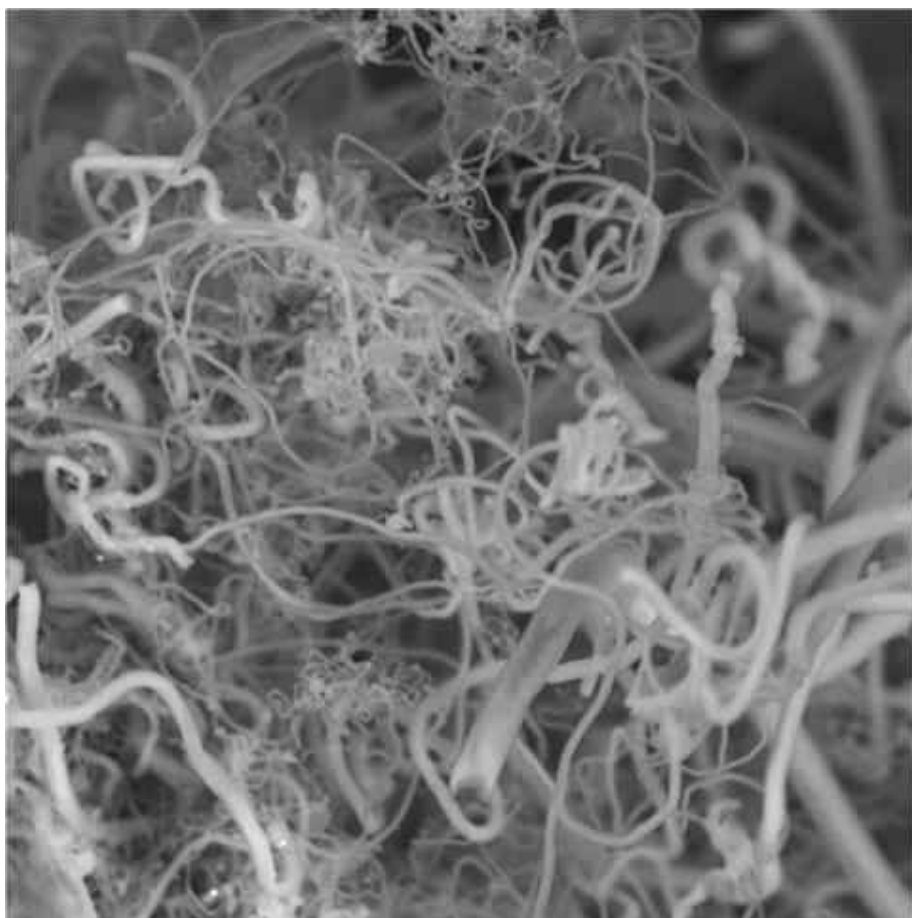
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Katie Cottingham, Ph.D.

[301-775-8455](tel:301-775-8455)

[k\\_cottingham@acs.org](mailto:k_cottingham@acs.org)



Researchers are generating carbon nanofibers (above) from CO<sub>2</sub>, removing a greenhouse gas from the air to make products.

Credit: Stuart Licht, Ph.D.

[High-resolution image](#)

###

**From:** Steve Davis <w2sgd@juno.com>  
**Sent:** Tuesday, September 26, 2017 9:52 PM  
**To:** ANR - VCAC  
**Cc:** bill@GrassrootsSolar.com; Alan@SustainableDesignOfVT.com; vlyons@leg.state.vt.us; KR.LA@burlingtontelecom.net; pete@darksky.org; mmotta@massmed.org  
**Subject:** [Transition Towns - Manchester] Governor Scott (VT) wants input from the public as to what we should do on the state level to address climate change.  
**Attachments:** H.28.pdf

Whatever happened to H.28 (2005-2006), which was "... to establish state policy regarding outdoor lighting and to establish an advisory board with a mandate to develop and update outdoor lighting guidelines designed to **limit illumination levels, prevent glare, reduce light pollution, prevent light trespass and promote energy efficiency?**" It became the law of the land. One member of the advisory board told me they never met.

Did the lighting industry "pull a fast one" and have it overturned?

Attached is a copy of the bill. The only thing I would change, which is highlighted in yellow, is to remove Section 591 (d) "... or luminaires that are constructed so that no more than two percent to the total luminaire lumens in the zone 90 degrees to 180 degrees vertical is permitted if the related output of the luminaire is greater than 3,200 lumens." and (1) (D) below "Use of outdoor lighting fixtures that emit no more than two percent of light above the horizontal plane." It conflicts with everything else in the bill and "smacks" of NEMA's hold over the State and The People of Vermont. There are more than enough luminaires that do qualify at zero percent at 90 degrees and above and have less glare.

An answer would be appreciated and even better would be to reinstate the law with the changes noted above.

Your truly,

Stephen Davis, MSEE

**From:** Virginia Clarke <vclarke@gmavt.net>  
**Sent:** Saturday, October 7, 2017 6:02 PM  
**To:** ANR - VCAC  
**Subject:** public comment for the Governor's Climate Action Commission

October 4, 2017  
To the Governor's Climate  
Action Commission:

As a  
Vermonter, I am pleased that we are taking steps to address the ongoing and accelerating climate change crisis. However, it is clear that we must act more quickly and more comprehensively to eliminate our use of fossil fuels if we are to prevent the more extreme outcomes of global warming.

As  
a veterinarian and a member of the Vermont Climate Health Alliance, I am aware that climate change may represent one of the most severe threats to human and animal welfare in the history of our species. Here in Vermont we will not directly experience the most damaging of the climate impacts, but what we are experiencing, and will experience in the future, is cause enough for action.

Storms  
will be more severe and more likely to result in damaging and costly flooding.  
Water quality will continue to decline as lakes produce more blue-green algae blooms. Mosquito and tick populations will continue to increase, bringing more cases of Lyme disease, West Nile virus and heartworm disease (dogs). Asthma and respiratory illness will increase as the pollen season lengthens, and hot dry summer weather allows for increased wildfires.

Vermont  
wildlife will be impacted, as the conditions for which they evolved will change too fast for them fully adapt to. Our maple and snow sports industries industries will be negatively affected, along with all who depend upon them for their livelihood.

Solutions  
that can be implemented now to move Vermont towards 100% renewables by 2050 include:

- Increasing weatherization programs, and promoting/incentivizing alternative heating methods such as air source heat pumps
- Increasing electric vehicle incentives and infrastructure
- Increasing park and ride usage, supported by short hop public vehicles (village to park and ride) and longer distance/highway rapid transit
- Increasing programs that promote and incentivize photovoltaic panel installation
- Altering our tax structure to represent the true costs of carbon pollution
- Recognizing

that inaction on the climate crisis will be more costly in the long run, and recommitting ourselves to the goal of a complete conversion to renewable energy sources

- Continuing to support regional efforts such as the Regional Greenhouse Gas Initiative and regional mass transit.

One of the most important reasons for Vermont to take these steps is to demonstrate to others that these actions are both possible and cost effective. Alone, we cannot change the course of climate change, but if we can inspire and provide models for others we may be able to influence the national conversation in a positive direction. In addition, we may be able to look our grown grandchildren in the eye and say: "We came to understand the problem, figured out what we needed to do, and did everything we could."

**From:** Daniel Hoviss <daniel@putney.net>  
**Sent:** Friday, October 6, 2017 8:55 PM  
**To:** ANR - VCAC  
**Cc:** Nancy Mallery  
**Subject:** Comments, sorted by venue

Thank you for the opportunity to comment. Here are some of my thoughts;

## **SOLAR**

1. Reverse the continued lowering of the solar adders and VT incentives. This alone has caused many lost jobs as people put off the purchase of solar power.
  - 1a. Increase and broaden the business incentives for Solar, so it is not just a few LLC type business that benefit.
2. Stop catering to out of state energy conglomerates. These companies are not actually as Green as it seems. Gmp should not be able to retire solar credits after 1 year. One look at the tree shading the solar installation in Westminster tells the story.
3. Grandfather all incentives for solar installations made before rule changes, so that homeowners, businesses and investors are not faced with a constantly changing return on their investment. The rules in effect at purchase time should not change for the lifetime of the project.
4. Actually support community solar installations by carving out a special rate structure and waiving some of the more stringent siting requirements for those 150kW installations that sell a large portion of panels to the community.
5. Establish a fund to help offset the cost of purchasing solar panels for LMI households and require a utility to offer on-bill financing. This would work far better than the current EAP where social welfare simply offsets the bill. Currently there is no incentive to get off the LMI program. Home owners that are able to afford solar would be off the program in 10 to 12 years while generating a large portion of their power to cover the bills.
6. Mandate that any new construction include solar hot water / thermal or pv.
7. Include and create larger business tax incentives for business to make use of large roof tops, big box store parking lots and unused fields.
8. Commit to 100% renewable energy for all government buildings.
9. Create a legal structure and loan loss fund to address community solar on leased buildings to mitigate risk associated with the complexity of these arrangements?. Empty buildings should be required to have solar panels.
10. Remove the "unrecoverable cost" line items from the power bill. A solar credit is a credit! So it should apply to the entire bill.
11. Require all new governmental facilities offset 100% of the power with renewables.
12. Setup a special incentive for battery storage systems, and make it easier to integrate them into existing installations without needing to complete new cpgs.

## **Transportation**

1. Really stop spending ungodly sums of money on park and rides and other car centric infrastructure projects. Money allocated to those projects is lost to other more environmentally friendly options like bike paths and a real electric car charging station network.
2. Actually support no idling by instructing all state, town, trucking businesses and official organizations to not idle unless it is a real



emergency.

3. Require dual battery systems for vehicles that require power so they do not need to idle.
4. Empower the state police to ticket polluters, and idling offences.  
I would be happy to see a new organization developed to curb idling and polluting by allowing empowered citizens to write tickets...
5. Establish a timeline to switch to electric vehicles for all postal, School Bus, delivery and transport vehicles.
6. Fund electric car and electric bike startups with 0% loans and rent abatement for eligible locations.
7. Establish a ev rebate for bikes and other forms of electric transportation.
8. Fund the train system! Add more lines, and stops. Improve ridership by purchasing back privately owned stations then renovate? them and improve existing stations.
9. Add sheltered bike racks to all bus stops and government buildings.
10. Require buses and trains to carry more bikes with racks front and back, or inside.

### **Energy Efficiency**

1. Mandate all lighting for all government and public buildings be replaced with LED or ultra-high efficiency bulbs.
2. Mandate all public facilities use motion sensing for lighting, including park and rides, where lighting can switch to low power mode unless there is activity on the lot.
3. Double the efficiency vt incentives for home and businesses. Low hanging fruit has been picked.
4. Mandate all state gov facilities use low flow and automated flow sensors on all rest rooms.
5. Force GMP and other utilities to retire the existing Sodium vapor or Mercury Street lights, (in use everywhere), in favor if LED.
6. Offer tax free days for insulation, and weatherization products once a month.
7. Replace old computer equipment with energy star rated SMALL footprint energy efficient PC's – laptops are the best. But the small form factor PC or MAC mini is a great energy saver. A 19" LCD monitor uses less than a 15" CRT and gives you so much more room on the desktop and in your office.
8. Use recycled paper, and print on both sides, rather than sending out single sided notes to Vermonters.

These are just a few thoughts, sure I could come up with more...

Good luck changing the entrenched establishment.

Daniel Hoviss  
Westminster Vt

[8022541410](tel:8022541410)



Virus-free. [www.avast.com](http://www.avast.com)

**From:** Daniel Shearer <drshearer@gmail.com>  
**Sent:** Wednesday, October 4, 2017 7:34 AM  
**To:** ANR - VCAC  
**Subject:** Comments for the commission

I spoke in St. Albans, but didn't have written notes to submit, so I'm sharing this now. Thanks for your work.

Please do something unprecedented. We need it. I'm a volunteer EMT at Essex Rescue and twelve years ago, I volunteered to be part of the response to Hurricane Rita. Thirteen ambulance services from Vermont drove to Beaumont, TX to join about 240 total ambulances, staging out of a hockey rink, helping local rescue and emergency department services that had been overwhelmed. I found that when I got there that probably 95% of the EMTs there were getting paid to be there. FEMA was contracting with ambulances at \$70,000-120,000 / month. Our very small component of the overall response to Rita probably cost the federal government about \$25 million. And Rita was much smaller than the three storms we've just experienced. These storms are incredibly expensive, not to mention the long term economic loss. And then, the loss of life and family disruption, creating migrants who must leave their communities. This is all to say that we've chosen a path that is already leading to unprecedented frequency of giant expense and social disruption. We need an unprecedented response. We needed it twenty years ago. At this point, anything that's just another step forward on the current track isn't going to cut it.

**A carbon price** would be unprecedented and it's needed. Any way you can see to do it so that it changes behavior, I'm game. We can't wait for New England or the Federal Government to do this anymore. I don't see how the comprehensive energy plan can succeed without it. We're able to make good progress with our utilities because they are regulated. I don't see another good option for working with unregulated fossil fuels other than rationing or outlawing their use and I think that's much less viable. We are so far off track in home weatherizations and fuel technology switching that we simply must change the calculus to get us there. If you can find another way in which you're confident you can meet the plan, then go for it. But if not, please have the courage to recommend the price on carbon if that's the only way to get there. We ask our nuclear industry to save money for dealing with their waste and decommissioning. We must ask the same of our fossil fuel industry in some way or another, since it turns out that the waste of their product is even more problematic.

**Make it crazy for me not to buy an electric car.** I never buy new cars. I buy old cars and run them into the ground. This July, I bought a new Nissan Leaf for around \$14,000 with all the incentives. Seemed crazy not to. But we need every reason we can employ to jump start this electric car economy. How about removing the ~\$1500 in sales tax I paid on this car? It has a 100 mile range...how about having multiple fast chargers within 40 miles of every place in Vermont so that I have confidence that I can charge back up in 30 minutes and keep going? The charging infrastructure is already building out, but rapidly making it comprehensive would provide people with the assurance that they won't run out and might entice out of state electric car owners to vacation in Vermont. How about benefits for EV owners, like preferred parking, free or discounted charging, tax refunds? This could all be a short term, 5-10 year stimulus plan, but anything to make people think twice about buying anything else.

**Make it a state mission to weatherize.** Our current weatherization campaigns are too slow. Each project is unique and it's difficult to quickly show a homeowner what their payback period is like you can do with solar. We need to make it exceptionally cheap or free for people to understand what the weatherization opportunities are in their home and then make it cheap to do the work. We also need more contractors. Some counties don't even have trained weatherization contractors. We need training programs in high schools, because even if we had the money available right now to meet our 80,000 unit goal, we wouldn't have the people who could do it. This needs a state job training and paired incentive package to put people to work

and provide solid skills.

**Comprehensive campaign.** This issue isn't like other issues. It's part of everything we do. It will have such a giant impact on our future. But at the moment, we often think and talk about it as an independent thing, at a similar level with all other issues. This needs to be elevated. Confronting climate change should be part of every government agency's plan. Government should reach out to the private sector to invite them to treat it similarly. The state is already leading the way in many areas. Be more intentional about this and challenge the private sector to match state achievements in a very public fashion. Lead the way.

Thanks for your work...please submit something that you're proud of, that you think will represent real leadership. We can't afford anything short of it.

Best,

Daniel Shearer

**From:** Kathleen Manning (kmanning@uvm.edu) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 30, 2017 6:53 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

As a ski instructor at Smuggler's Notch, I directly see the results of climate change: warmer winters, inability to make snow (winter 2015), shorter seasons. The impact of climate change on the snowsports industry, including snow mobiling, will have a dramatic effect on Vermont's economy.

As an owner of an electric car since 2012, I know the value and pleasure of driving one of these cars. Electric cars are not a solution to climate change but one step closer to net zero transportation. We need more action to make these cars affordable and accessible. I'm currently in Europe where Britain and France will be banning the sale of gas powered cars by 2040. Norway will be doing the same by 2025.

As a sailor, I was thrilled to see the new Community Sailing Center building on the waterfront and witness it's commitment to zero use of fossil fuels. This should be a standard for new building in Vermont. It's quite a facility.

I urge Governor Scott to reverse his position on wind development. There are ways to develop wind as a viable alternative to fossil fuels while retaining Vermont's beauty. The recent hurricanes, record high heat this fall (I trust the effect on the foliage will be negative), and increased rainfall and accompanying storm water run-off are more than enough evidence of climate change. We need wind to mitigate carbon pollution. We need to take action, including a carbon tax, before it's too late.

Thank you.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

Explore and implement opportunities for putting a price on carbon pollution. How can a price on carbon be implemented gradually, so that price signals create an evolutionary shift in our energy economy? How can a carbon tax be implemented in Vermont in an equitable manner, so working Vermonters can understand the signals and respond without bearing a disproportionate share of the burden? How can we apply some of the revenues of carbon pricing to foster efficient deployment of the zero-carbon solutions that establish the energy economy of our future?

Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

Increase electric vehicle (EV) infrastructure and incentives. Vermonters have shown a willingness to plug in vehicles and make use of electricity that can be generated cleanly. Yet even with falling prices, EV's remain out of the reach of many Vermonters. It is essential that incentives make owning and/or leasing an EV an option for as many Vermonters as possible.

Expand Vermont's zero-carbon transportation choices, with a strong focus on mass transit based on renewable generation. Transportation is Vermont's largest source of greenhouse gas emissions, and as the sector projected to grow the fastest, it is imperative that we seek deep-change solutions. Electric buses and improving bicycle-friendly and pedestrian-friendly streets are important. The long term shift requires re-thinking community design as well, away from spread-out settlements that demand automobiles, to compact villages that allow people to stay out of their cars.

Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Kathleen Manning  
161 Austin Drive #120  
Burlington, VT 05401  
kmanning@uvm.edu  
(802) 865-9196

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Barbara Wynroth (bwynroth@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 30, 2017 3:36 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Expand Vermont's zero-carbon transportation choices, with a strong focus on mass transit based on renewable generation. Transportation is Vermont's largest source of greenhouse gas emissions, and as the sector projected to grow the fastest, it is imperative that we seek deep-change solutions. Electric buses and improving bicycle-friendly and pedestrian-friendly streets are important. The long term shift requires re-thinking community design as well, away from spread-out settlements that demand automobiles, to compact villages that allow people to stay out of their cars.

Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Barbara Wynroth  
101 College St #209  
Burlington, VT 05401  
bwynroth@gmail.com  
(802) 861-2825

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Ed Morrow <emorrow@northshire.com>  
**Sent:** Friday, September 29, 2017 7:22 PM  
**To:** ANR - VCAC  
**Subject:** Additional testimony - Sept 21. Manchester -

Tie climate action policies into the state's affordability goals. Example:

The Climate Action Commission should develop policies that will reduce vehicular carbon emissions in a manner that simultaneously addresses Vermont's serious cost of living issue.

While a carbon tax will certainly help to reduce usage of combustion engines it will also exacerbate Vermont's *affordability* problem. Any measures that will negatively affect the pocketbooks of Vermont's most vulnerable residents will cause hardship, resentment and resistance of sensible climate action initiatives.

Given the sparsely settled nature of most communities in Vermont, efficient public transportation is unlikely to become available to most Vermonters. Thus, practical daily living requirements will continue to require flexible and autonomous transportation for a vast segment of the state's residents. For many, this imposes an onerous cost burden.

Electric cars may offer the state an opportunity to address carbon emissions and affordability issues simultaneously. The electric car industry has clearly reached takeoff speed. A growing majority of car manufacturers are making electric vehicles, all Volvos will be electric or hybrid in less than two years, public charging stations are slowly proliferating, 500,000 people have put deposits down for Tesla's longer range electric vehicles, three countries have set dates for exclusive use of electric vehicles: Norway in seven years, India in 12 years, and France by 2040.

Adopting bold policies to encourage the rapid adoption of electric vehicles will make a significant dent on the state's carbon emissions and make less-expensive, easier-to-maintain cars available to lower-income Vermonters in need of essential transportation.

Here are some suggested policy initiatives:

- ◆ Sharply reduce sales tax and registration fees on electric vehicles while, with a delay, progressively raising the same for combustion engine vehicles.
- ◆ Vermont governmental leadership (executive & legislative) should encourage (by proclamation, jaw-boning industry executives, enacting laws that would encourage its use, etc.) the development of a **Peoples Electric Vehicle** -- a bare essentials, practical and inexpensive electric vehicle --- a 21st century VW Bug.
- ◆ Vehicles meeting the target cost, convenience & safety criteria, would have no sales tax and a nominal registration fee.
- ◆ Residents requiring a vehicle for commuting to work whose income is below a certain threshold could register for

subsidized *'charge'card* at public charging stations.

- ◆ Encourage, and possibly subsidize, a proliferation of public charging stations (solar fed where feasible) sufficient to meet resident, tourist, & commercial demand when 100% of Vermont registered vehicles are electric.
- ◆ At the right time, as above policies are developed and come on stream, announce that **only** electric consumer vehicles will be allowed to register in the State as of 20XX. Do same for commercial vehicles as supply meeting different demands allows.
- ◆ Encourage all electric companies to offer super low off-peak rates for home vehicle chargers.

Respectfully,

Edward Morrow

Manchester Center, VT

[emorrow@northshire.com](mailto:emorrow@northshire.com)

**From:** Douglas Grandt <answerthecall@me.com>  
**Sent:** Friday, September 29, 2017 7:28 AM  
**To:** ANR - VCAC  
**Subject:** VCAC - Doug Grandt testimony supplement #1

Dear Hannah et al. on VCAC and VNRC,

This is one of two emails intended to supplement my testimony last night in St. Albans.

The following email arrived in my inbox this morning, coincidentally just a few hours after the St. Albans VCAC hearing.

I am a member of the google group, and have been aware of various trial efforts to remove CO2 (CD-R) direct air capture (DAC) for several months.

As you can see in this one short thread, which typifies many other recent email exchanges, CD-R or DAC development is well underway, and will be a necessary component of the global effort to bring atmospheric CO2 concentration down to the near pre-industrial level of 300ppm.

Sent from my iPhone (audio texting)

Begin forwarded message:

**From:** Jim Lerner  
**Date:** September 29, 2017 at 2:30:16 AM EDT  
**To:** Evan Hughes, Healthy Climate Project <[healthy-climate-project@googlegroups.com](mailto:healthy-climate-project@googlegroups.com)>  
**Subject:** **Stuart Licht's Method of Carbon Capture**

I'm forwarding an email from a fellow CCL colleague. I haven't read the links but wonder what could possibly remove 1,000 gigatons (or is it more than this?) in just 10 years. That's 100 gigs per year.

----- Forwarded message -----  
From: Bruce Burdick  
Date: Thu, Sep 28, 2017 at 2:27

Are University of California scientists working on Stuart Licht's method of carbon capture? He claims "with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO2 to decrease atmospheric levels to those of the pre-industrial revolution within 10 years"

I would like to know if carbon nonofiber technology has promise, or if we drastically need to reduce the

CO2 emissions of Californians.

Here is an article on carbon capture to make carbon nano fibers

<https://www.acs.org/content/acs/en/pressroom/newsreleases/2015/august/co2.html>

And here is Stuart Licht's contact information:

<https://chemistry.columbian.gwu.edu/stuart-licht>

Thank you for helping us reach a sustainable future,

Bruce

Bruce Burdick, M.D.

(916) 215-3299

[brucenburdick@icloud.com](mailto:brucenburdick@icloud.com)

Headline of the story to which I am responding:

“State considers ban on gas and diesel car engines to bolster electric vehicles.”, page A1 September 28

Yes, California needs to ban the sale of gas and diesel powered cars. It sounds difficult, but CO2 emissions from gas powered cars will warm the earth more than 1.5 degrees C, which is a worse option.

As we attempt to limit warming to 1.5 degrees C, let us remember the ultimate goal. The world needs to stop global warming and sea level rise. That requires global temperatures to decrease 0.85 degrees C. That requires each of us to emit less CO2 than the forests of the world absorb on our behalf. That requires each of us to emit less CO2 than it currently takes to grow our food (unless we develop a carbon capture technique that takes more CO2 out of the air than the forests of the world).

Stuart Licht, Ph.D., of George Washington University claims he can take CO<sub>2</sub> from the air and turn it into carbon nanofibers.

“We calculate that with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO<sub>2</sub> to decrease atmospheric levels to those of the pre-industrial revolution within 10 years”

California should ban gas and diesel powered cars, and use Cap and Trade money to investigate Stuart Licht’s carbon capture technology.

Reference:

<https://www.acs.org/content/acs/en/pressroom/newsreleases/2015/august/co2.html>

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**OR IMMEDIATE RELEASE | August 19, 2015**

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Diamonds from the sky’ approach turns CO<sub>2</sub> into valuable products

***Message to journalists: Please report that this research will be presented at a meeting of the American Chemical Society.***

A press conference on this topic will be held Wednesday, Aug. 19, at 9:30 a.m. Eastern time in the Boston Convention & Exhibition Center. Reporters may check-in at Room 153B in person, or watch live on YouTube <http://bit.ly/ACSLiveBoston>. To ask questions online, sign in with your Google account.

BOSTON, Aug. 19, 2015 — Finding a technology to shift carbon dioxide (CO<sub>2</sub>), the most abundant anthropogenic greenhouse gas, from a climate change problem to a valuable commodity has long been a dream of many scientists and government officials. Now, a team of chemists says they have developed a technology to economically convert atmospheric CO<sub>2</sub> directly into highly valued carbon nanofibers for industrial and consumer products.

The team will present brand-new research on this new CO<sub>2</sub> capture and utilization technology at the 250<sup>th</sup> National Meeting & Exposition of the American Chemical Society (ACS). ACS is the world’s largest scientific society. The national meeting, which takes place here through Thursday, features more than 9,000 presentations on a wide range of science topics.

“We have found a way to use atmospheric CO<sub>2</sub> to produce high-yield carbon nanofibers,” says Stuart Licht, Ph.D., who leads a research team at George Washington University. “Such nanofibers are used to make strong carbon composites, such as those used in the Boeing

amliner, as well as in high-end sports equipment, wind turbine blades and a host of other products.”

viously, the researchers had made fertilizer and cement without emitting CO<sub>2</sub>, which they reported. Now, the team, which includes doctoral fellow Jiawen Ren, Ph.D., and graduate student Jessica Stuart, says their research could shift CO<sub>2</sub> from a global-warming problem to a feed stock for the manufacture of in-demand carbon nanofibers.

He calls his approach “diamonds from the sky.” That refers to carbon being the material that diamonds are made of, and also hints at the high value of the products, such as the carbon nanofibers that can be made from atmospheric carbon and oxygen.

Because of its efficiency, this low-energy process can be run using only a few volts of electricity, sunlight and a whole lot of carbon dioxide. At its root, the system uses electrolytic syntheses to make the nanofibers. CO<sub>2</sub> is broken down in a high-temperature electrolytic bath of lithium carbonates at 1,380 degrees F (750 degrees C). Atmospheric air is added to an electrolytic cell. Once there, the CO<sub>2</sub> dissolves when subjected to the heat and direct current through electrodes of nickel and steel. The carbon nanofibers build up on the steel electrode, where they can be removed, Licht says.

To power the syntheses, heat and electricity are produced through a hybrid and extremely efficient concentrating solar-energy system. The system focuses the sun’s rays on a photovoltaic solar cell to generate electricity and on a second system to generate heat and thermal energy, which raises the temperature of the electrolytic cell.

Licht estimates electrical energy costs of this “solar thermal electrochemical process” to be around \$1,000 per ton of carbon nanofiber product, which means the cost of running the system is hundreds of times less than the value of product output.

“We calculate that with a physical area less than 10 percent the size of the Sahara Desert, our process could remove enough CO<sub>2</sub> to decrease atmospheric levels to those of the pre-industrial revolution within 10 years,” he says.

At this time, the system is experimental, and Licht’s biggest challenge will be to ramp up the process and gain experience to make consistently sized nanofibers. “We are scaling up quickly,” he adds, “and soon should be in range of making tens of grams of nanofibers a year.”

Licht explains that one advance the group has recently achieved is the ability to synthesize carbon fibers using even less energy than when the process was initially developed. “Carbon nanofiber growth can occur at less than 1 volt at 750 degrees C, which for example is much less than the 3-5 volts used in the 1,000 degree C industrial formation of aluminum,” he says.

The team’s research has been funded primarily by the [National Science Foundation](#).

The American Chemical Society is a nonprofit organization chartered by the U.S. Congress. With more than 158,000 members, ACS is the world’s largest scientific society and a global leader in providing access to chemistry-related research through its multiple databases, peer-reviewed journals and scientific conferences. Its main offices are in Washington, D.C., and Columbus, Ohio.

automatically receive press releases from the American Chemical Society, contact [newsroom@acs.org](mailto:newsroom@acs.org).

*Note: ACS does not conduct research, but publishes and publicizes peer-reviewed scientific studies.*

Follow us: [!\[\]\(d84e7ea36f695d92cb39ec32c307ac93\_img.jpg\)](#) [!\[\]\(db9b0c6fa4ac1078c53d7f74438ad75d\_img.jpg\)](#)

## Media Contact

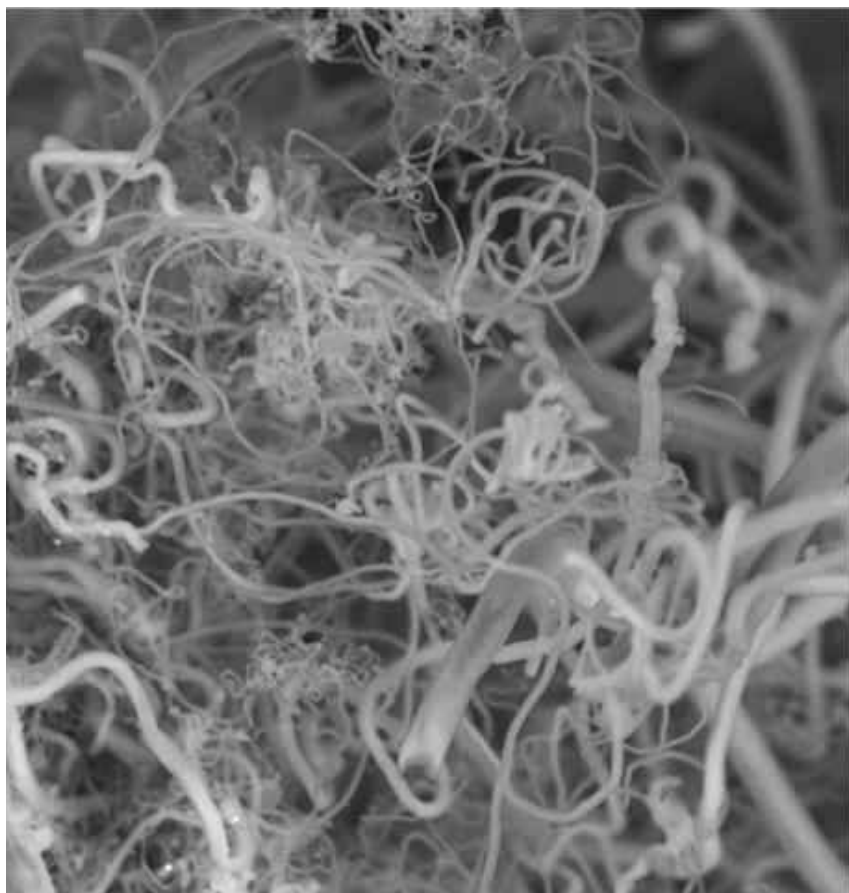
Newsroom

[newsroom@acs.org](mailto:newsroom@acs.org)

Stuart Licht, Ph.D.

[75-8455](tel:75-8455)

[licht@acs.org](mailto:licht@acs.org)



Researchers are generating carbon nanofibers (above) from CO<sub>2</sub>, removing a greenhouse gas from the air to make products.

Lead researcher: Stuart Licht, Ph.D.

[High-resolution image](#)





**From:** Marina Meerburg (marina@rarmarketing.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Thursday, September 28, 2017 8:10 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Having just experienced tropical temperatures which have destroyed our beautiful foliage has real financial consequences. I know you can tie one specific event to climate change but the proof is adding up.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

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Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Marina Meerburg  
128 Deer Hill Ln  
Stowe, VT 05672

marina@rarmarketing.com  
(802) 279-3226

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Rmcgar864 <rmcgar864@aol.com>  
**Sent:** Thursday, September 28, 2017 12:15 PM  
**To:** ANR - VCAC  
**Subject:** Comments to the Vermont Climate Action Commission

#1 Thank you for the work that you're undertaking. It is very important to Vermont's future and through your actions Vermont can be an example for other states.

#2 Please hold some meetings closer to Burlington. Your choice of meeting locations suggests that you do not want to hear from residents of the most populous area of the State.

#3 Establishing a price for greenhouse gas emissions, principally CO2, is the most effective, and cost effective, action for addressing climate change

#4 Establish incentives for electric cars, trucks and busses

Thanks you,

Ron McGarvey

802-865-4424

[RMCGAR864@aol.com](mailto:RMCGAR864@aol.com)

**From:** Peter Jones (cerulean171@comcast.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Thursday, September 28, 2017 10:51 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Watching the weather lately has changed what once was a nightmare into reality: massive devastating forest fires, epic sized chunks of ice breaking off Antarctic ice sheets, the smallest amount of ice in the Arctic, hurricanes the size of which we have never been recorded, flooding, droughts, on and on and on. When will this be enough of a signal to everyone? My family has instituted the following in our bid to be part of a renewable energy community: we drive a hybrid and an electric car and have a net zero home. Our carbon footprint is far below average, a target everyone should be taking. The State of Vermont should be setting the bar very high. We all still have a massive amount of work to do to avoid the worst case scenario.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Peter Jones  
8 Sebring Road  
South Burlington, VT 05403  
cerulean171@comcast.net  
(802) 860-1432

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Janice Meier (jmeier@afuture4all.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Thursday, September 28, 2017 9:44 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Help Vermonters to help save our forests by offering training on how to preserve forests. Ban clear cutting in the GMF. Convert the current trend to pellets toward renewables instead.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Janice Meier  
228 Freedom Hill Rd. S  
Ludlow, VT 05149  
jmeier@afuture4all.com

(802) 228-4443

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Susan Sively (kipsive@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Wednesday, September 27, 2017 5:44 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Is anyone in Montpelier actually listening to the state's environmental leaders? Rapidly suburbanizing Vermont has yet to grasp what a "green economy" might mean. It's certainly not sacrificing 1,500 acres of forested land each year to development. We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Susan Sively  
84 Morningside Commons  
Brattleboro, VT 05301  
kipsive@gmail.com



(802) 380-9166

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Andrew McLaughlin (andrewmclaughlin327@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Wednesday, September 27, 2017 4:46 PM  
**To:** ANR - VCAC  
**Subject:** Act BIG on climate

Dear The Climate Action Commission,

I have grandchildren and their future is deeply jeopardized unless we act BIG.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Andrew McLaughlin  
226 Hartland Hill Rd  
Woodstock, VT 05091  
andrewmclaughlin327@gmail.com

(802) 457-2819

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Alan Citron (alantcitron@hotmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Tuesday, September 26, 2017 11:38 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Alan Citron  
PO Box 1785  
Manchester Center, VT 05255  
alantcitron@hotmail.com  
(802) 236-7982

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Denis R. Rydjeski <Denis.R.Rydjeski@dartmouth.edu>  
**Sent:** Sunday, September 24, 2017 4:10 PM  
**To:** ANR - VCAC  
**Subject:** VERMONT CLIMATE ACTION COMMISSION -- Comment

# VERMONT CLIMATE ACTION COMMISSION

Comment – Denis Rydjeski and Betsy Eldredge

In addition to the aspirational goal of reaching 90% or 100% of our energy needs from renewable energy sources, we need a binding legislative commitment, strategy and funding provisions to reach that goal by a stated date.

One way to move toward that goal would be to implement a carbon pollution tax and using the proceeds both to offset the costs of lower income Vermonters and fund energy conversion strategies – including renewable heating options.

Electric vehicle production and use have shown string growth and citizen acceptance. Helpful will be expanded recharging stations at Park-and-Ride and I-91 and I-89 rest areas. Additionally we can further incentivize the use of mass transit.

Thanks for your on-going efforts viz our common climate concerns. -- Denis and Betsy

Denis Rydjeski  
Betsy Eldredge  
Sierra Club Upper Valley Group  
520 Parker Hill Road  
Springfield, VT 05156  
e-mail: [DRR@Dartmouth.edu](mailto:DRR@Dartmouth.edu)  
Phone (802) 885-4826

Hinman 6083  
Alumni Gym 167  
Dartmouth College  
Hanover, NH 03755  
e-mail: [DRR@Dartmouth.edu](mailto:DRR@Dartmouth.edu)  
Phone (802) 885-4826

**From:** Novella Adoue (nov34ado@yahoo.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 22, 2017 4:14 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Novella Adoue  
PO Box 725  
Manchester Center, VT 05255  
nov34ado@yahoo.com  
(802) 362-3408

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Kate Ruland (kyruland@aol.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Wednesday, September 20, 2017 5:48 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Kate Ruland  
3589 Morse Hill Rd  
Dorset, VT 05251  
kyruland@aol.com  
(802) 362-4583

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Lodiza Lepore (lodiza@comcast.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Wednesday, September 20, 2017 4:10 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Lodiza Lepore  
334 DEWEY Street, 3  
Bennington, VT 05201  
lodiza@comcast.net  
(802) 445-1029

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Kelly Murphey (kellymurphey@aol.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Wednesday, September 20, 2017 12:30 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Kelly Murphey  
2864 Stowe Hollow Rd  
Stowe, VT 05672  
kellymurphey@aol.com  
(802) 310-4994

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Mark Nelson (m.a.nelson@live.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Tuesday, September 19, 2017 8:22 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

The time for talking is well past. We need well thought plans and implementation timeframes. The commission should meet on a regular basis, hold meetings in more areas across the state to get public input, and all commission members should be required to attend all meetings. Any plans should be vetted with the public before implement.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Mark Nelson  
PO Box 207  
Ripton, VT 05766

m.a.nelson@live.com  
(802) 388-2857

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Leslie Tawnamaia (ltawnamaia@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Tuesday, September 19, 2017 1:49 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Thank you for your attention and consideration.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Leslie Tawnamaia  
116 William Lyford Rd.  
Marshfield, VT 05658  
ltawnamaia@gmail.com

(802) 426-2074

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Ellen Wood (ewood@landmark.edu) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Monday, September 18, 2017 2:08 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Ellen Wood  
PO Box 945  
Putney, VT 05346  
ewood@landmark.edu  
(802) 387-6741

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Sayre Wardell (hawk@gmavt.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Monday, September 18, 2017 8:29 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Sayre Wardell  
884 Wade Pasture Rd  
Stowe, VT 05672  
hawk@gmavt.net  
(802) 253-2675

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Callie Willis (cwillis@gmavt.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Sunday, September 17, 2017 8:11 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Vt. has never been afraid to step up and lead on major issues that effect people well beyond it's borders. Climate change is beyond urgent and really "Trumps" most everything at this point. If we render the planet uninhabitable then jobs, healthcare, education etc. - none of that will matter.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Callie Willis  
cwillis@gmavt.net, 126 Old Orchard Way  
Warren, VT 05674

cwillis@gmavt.net  
(802) 496-4119

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** lynette novick (lynovick@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 9:10 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

lynette novick  
761 red mtn rd  
ARLINGTON, VT 05250  
lynovick@gmail.com  
(802) 375-6319

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Barbara Wynroth (bwynroth@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 3:55 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Barbara Wynroth  
101 College St  
Burlington, VT 05401  
bwynroth@gmail.com  
(802) 861-2825

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Kathleen Manning (kmanning250@yahoo.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 2:59 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

I am a Vermonter who works in the ski industry. I have seen first hand the effects of climate change. It's real and it will only get worse in the upcoming years. Please take bold action and aggressively pursue renewable energy like wind and solar. We need leadership at the state level to mitigate the devastating effects that climate change will have on the Vermont economy and lifestyle. Please take the actions as outlined in the accompanying message. Thank you.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

Explore and implement opportunities for putting a price on carbon pollution. How can a price on carbon be implemented gradually, so that price signals create an evolutionary shift in our energy economy? How can a carbon tax be implemented in Vermont in an equitable manner, so working Vermonters can understand the signals and respond without bearing a disproportionate share of the burden? How can we apply some of the revenues of carbon pricing to foster efficient deployment of the zero-carbon solutions that establish the energy economy of our future?

Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

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Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Kathleen Manning

161 Austin Drive #120  
Burlington, VT 05401  
kmanning250@yahoo.com  
(802) 865-9196

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gabriel Weiss (sageandborage@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 2:38 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Gabriel Weiss  
72 Grove St.  
Brattleboro, VT 05301  
sageandborage@gmail.com  
(802) 579-3247

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Katherine Werner (kwerner@gmavt.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 11:28 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Katherine Werner  
354 Hastings Rd  
Waitsfield, VT 05673  
kwerner@gmavt.net  
(802) 496-3271

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Tanya Osadchey (tosaschey@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 7:04 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Tanya Osadchey  
197 Emery Rd  
Washington, VT 05675  
tosaschey@gmail.com  
(802) 479-7046

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Marlene Hodgdon (owmarly@aol.comv) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 6:38 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Marlene Hodgdon  
1092 Osgood Hill Rd  
Westford, VT 05494  
owmarly@aol.comv  
(802) 879-8896

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Nicholas Sherman (nicholasps Sherman@yahoo.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Saturday, September 16, 2017 4:35 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Nicholas Sherman  
682 Riverside Ave  
Burlington, VT 05401  
nicholasps Sherman@yahoo.com  
(985) 228-0330

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Lynn Johanson Langdon (lynnandboo3@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 11:52 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Lynn Johanson Langdon  
46 Dunham Lane  
Stowe, VT 05682  
lynnandboo3@gmail.com  
(802) 253-2016

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Robert Thiefels (bthiefels@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 9:20 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

I agree with all of these proposals. Vermont also needs to lead the nation in renewable energy.

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Sincerely,

Robert Thiefels  
566 Piette Meadow Rd  
Hinesburg, VT 05461  
bthiefels@gmail.com  
(802) 417-2713

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gail Holmes (gail.holmes@me.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 9:04 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Sincerely,

Gail Holmes  
19 East Village DR  
Gail, VT 05401  
gail.holmes@me.com  
(802) 540-2560

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Kristine Winnicki (kwinnicki@hotmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 8:22 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Explore and implement opportunities for putting a price on carbon pollution. How can a price on carbon be implemented gradually, so that price signals create an evolutionary shift in our energy economy? How can a carbon tax be implemented in Vermont in an equitable manner, so working Vermonters can understand the signals and respond without bearing a disproportionate share of the burden? How can we apply some of the revenues of carbon pricing to foster efficient deployment of the zero-carbon solutions that establish the energy economy of our future?

Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

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Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Kristine Winnicki  
PO Box 28  
Chester, VT 05143  
kwinnicki@hotmail.com  
(802) 875-3115

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Sherwood Kittell (glenplaid@hotmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 6:47 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Sherwood Kittell  
9 First Street  
Swanton, VT 05488  
glenplaid@hotmail.com  
(802) 466-4130

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gordon George (yellowwolf1@myfairpoint.net) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 6:46 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We should take the lead in the Nation and Completely Ban Fracking.

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Sincerely,

Gordon George  
52 Union St.  
St. Johnsbury, VT 05819  
yellowwolf1@myfairpoint.net

(802) 748-3634

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** CR Lill (clillnow@hotmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 6:22 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

CR Lill  
PO Box 821  
Chester, VT 05143  
clillnow@hotmail.com  
(802) 824-9940

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** David Davison (davech.davison@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 5:03 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

I tried to take a lead in combating climate change two and a half years ago by buying into a SunCommon solar array. My home location does not get enough sun in the winter to be solar useful. But SunCommon has been blocked by rule changes that prevent them from building an array of which I can be a part. There has been no indication I can ever be a solar array participant.

So I had no known choice but to spend a lot of money repairing and upgrading my heating system that operates on fossil heating fuel. Being part of the movement to help our planet won't happen now for me. I'm nearly 81 and don't have the resources I had. I wish you and the Sierra Club success in your effort. I'm tapped out retaining fossil pollution. We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

David Davison  
74 Fairview Terrace, Apt 1  
White River Junction, VT 05001  
davech.davison@gmail.com  
(802) 359-3078

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** David Davison (davech.davison@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 4:58 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

David Davison  
74 Fairview Terrace, Apt 1  
WHITE RIVER JUNCTION, VT 05001  
davech.davison@gmail.com  
(802) 359-3078

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Steven F. DiCicco (steved518@aol.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 2:22 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Steven F. DiCicco  
277 Plantation Rd.  
Steven, VT 05655  
steved518@aol.com  
(802) 888-9893

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** John Hanson (jhanson@middlebury.edu) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 2:12 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Thank you for your work on this important set of issues.

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Sincerely,

John Hanson  
8509 VT Rte 125  
Bridport, VT 05734  
jhanson@middlebury.edu  
(802) 758-5005

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Susan Kersavage (sooze1177@yahoo.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 1:32 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Sincerely,

Susan Kersavage  
160 Church Street  
Rutland, VT 05701  
sooze1177@yahoo.com  
(802) 558-3485

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Julie Pickett (juliepickett802@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 1:30 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Please put climate change initiatives at the top of your agenda. We can lead the nation on this. Thank you. We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

Explore and implement opportunities for putting a price on carbon pollution. How can a price on carbon be implemented gradually, so that price signals create an evolutionary shift in our energy economy? How can a carbon tax be implemented in Vermont in an equitable manner, so working Vermonters can understand the signals and respond without bearing a disproportionate share of the burden? How can we apply some of the revenues of carbon pricing to foster efficient deployment of the zero-carbon solutions that establish the energy economy of our future?

Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

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Expand Vermont's zero-carbon transportation choices, with a strong focus on mass transit based on renewable generation. Transportation is Vermont's largest source of greenhouse gas emissions, and as the sector projected to grow the fastest, it is imperative that we seek deep-change solutions. Electric buses and improving bicycle-friendly and pedestrian-friendly streets are important. The long term shift requires re-thinking community design as well, away from spread-out settlements that demand automobiles, to compact villages that allow people to stay out of their cars.

Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Julie Pickett  
105 Depot St #958  
Stowe, VT 05672  
juliepickett802@gmail.com  
(802) 888-7887

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Susan Rogers (svken@outlook.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 1:01 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

Take it personally, it is.

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Susan Rogers  
111-B Sylvan Woods Drive  
Stowe, VT 05672  
svken@outlook.com  
(802) 760-6375

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gordon Abrams (gordonrabrams@myfairpoint.net) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 12:21 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Gordon Abrams  
649 Bugbee Street Apt 31, 20  
White River Junction, VT 05001  
gordonrabrams@myfairpoint.net  
(802) 280-1744

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** jim Snee (jimsnee@mac.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 12:21 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Sincerely,

jim Snee  
1321 Quarter Line Road  
Center Rutland, VT 05736  
jimsnee@mac.com  
(802) 786-2332

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Amy Biermann (amyrbiermann@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 12:02 PM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Amy Biermann  
147 Upper Loveland Road  
Norwich, VT 05055  
amyrbiermann@gmail.com  
(732) 948-6395

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Dave Goodlin (dave\_g59@yahoo.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 11:58 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Dave Goodlin  
543 Magoon Road  
Morrisvillr, VT 05661  
dave\_g59@yahoo.com  
(301) 693-3438

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** jean Miller (vtjem@comcat.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 11:55 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

jean Miller  
POB 349  
Arlington, VT 05250  
vtjem@comcat.net  
(802) 375-6655

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Mark Gannett (mgannett914@comcast.net) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 11:54 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Sincerely,

Mark Gannett  
B2 Stonehedge Dr  
South Burlington, VT 05403  
mgannett914@comcast.net  
(802) 862-2190

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Elise Marks (elise\_create@yahoo.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 11:36 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Elise Marks  
87 Fairmont Place  
Burlington, VT 05408  
elise\_create@yahoo.com  
(802) 951-5933

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gregory Rouse (g1rouse@yahoo.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:36 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

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Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

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Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

Gregory Rouse  
871 Cady Hill Road  
Cambridge, VT 05444  
g1rouse@yahoo.com  
(802) 644-5907

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Jonathan Kinnersley (jskinnersley@hotmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:28 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts today and the enormous impact that is anticipated in our future. Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. And, even though it may happen far away, we are affected by insurance liabilities, gas prices, and increased demand for our tax dollars and personal resources for disaster aid.

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Sincerely,

Jonathan Kinnersley  
187 Hillwinds Rd  
Brattleboro, VT 05301  
jskinnersley@hotmail.com  
(802) 689-0624

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** kevin kennedy (kevinmkennedy@gmail.com) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:22 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

kevin kennedy  
400 greystone dr  
richmond, VT 05477  
kevinmkennedy@gmail.com  
(802) 238-8484

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Alan Citron (alantcitron@hotmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:18 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Alan Citron  
PO Box 1785  
Manchester Center, VT 05255  
alantcitron@hotmail.com  
(802) 236-7982

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Elisa Clancy (elisaclancy@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:17 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Elisa Clancy  
407 Patnoe Farm Dr  
Hyde Park, VT 05655  
elisaclancy@gmail.com  
(802) 917-4020

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Christine Staats (chrisstaats1@mac.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:12 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Christine Staats  
12 Decatur Street  
Burlington, VT 05401  
chrisstaats1@mac.com  
(802) 660-9491

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Mark Coates (fichking@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:07 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Mark Coates  
217 Brookmeade Circle  
White River Junction, VT 05001  
fichking@gmail.com  
(802) 369-9099

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



**From:** Jody Condon (jody.moore85@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:05 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Jody Condon  
133 Powerhouse Rd  
Chittenden, VT 05737  
jody.moore85@gmail.com  
(802) 345-1375

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Lance Polya (lpvt14@gmail.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 10:03 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Sincerely,

Lance Polya  
46 Fields Ln.  
Jericho, VT 05465  
lpvt14@gmail.com  
(802) 899-2303

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** Gil Mathys (zebras1@me.com) Sent You a Personal Message <automail@knowwho.com>  
**Sent:** Friday, September 15, 2017 9:50 AM  
**To:** ANR - VCAC  
**Subject:** Bold Climate Solutions Needed

Dear The Climate Action Commission,

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Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts. We need to move beyond Vermont's "90% renewable" goal. Science now demonstrates that a rapid transition is essential in avoiding truly devastating and lasting climate change impacts. That means dropping our reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".

Increase electric vehicle (EV) infrastructure and incentives. Vermonters have shown a willingness to plug in vehicles and make use of electricity that can be generated cleanly. Yet even with falling prices, EV's remain out of the reach of many Vermonters. It is essential that incentives make owning and/or leasing an EV an option for as many Vermonters as possible.

Expand Vermont's zero-carbon transportation choices, with a strong focus on mass transit based on renewable generation. Transportation is Vermont's largest source of greenhouse gas emissions, and as the sector projected to grow the fastest, it is imperative that we seek deep-change solutions. Electric buses and improving bicycle-friendly and pedestrian-friendly streets are important. The long term shift requires re-thinking community design as well, away from spread-out settlements that demand automobiles, to compact villages that allow people to stay out of their cars.

Vermont should move aggressively to achieve equitable deployment of renewable heating options. This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanding the use of the latest heating technology, such as air-sourced heat pumps that can replace much less efficient furnaces.

The commission, and Vermont energy policy in general, should assess the true cost of inaction. There is a cost associated with failing to aggressively invest in efficiency or support development of widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.

Sincerely,

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**From:** plasterpro <plasterpro@myfairpoint.net>  
**Sent:** Thursday, September 14, 2017 7:18 PM  
**To:** ANR - VCAC  
**Subject:** My 2 cents on climate change

- **We in VT have experienced the impacts of climate change directly, and we recognize indirect impacts [today](#) and the enormous impact that is anticipated in our future.** Tropical Storm Irene is just one example of a natural disaster made worse by climate change. Studies have identified the connection between nutrient loading and temperature changes that exacerbate problems in Lake Champlain. Vermont has just experienced two summers in a row where hot and dry conditions have contributed to mountainside soils catching fire. Predictions are for these effects to worsen. Add to this the loss of snow cover for ski areas, declining water quality in our lakes and streams, and the stress and potential loss of our maple sugar industry. We are also affected by the rising cost of insurance, gas prices, healthcare, and disaster aid.
- **Explore and implement opportunities for putting a price on carbon pollution.** How can a price on carbon be implemented gradually, so that price signals create an evolutionary shift in our energy economy? How can a carbon tax be implemented in Vermont in an equitable manner, so working Vermonters can understand the signals and respond without bearing a disproportionate share of the burden? How can we apply some of the revenues of carbon pricing to efficiently deploy zero-carbon solutions?
- **Recognize that 100% renewable energy by 2050 is essential in avoiding the most damaging climate impacts.** We need to move beyond Vermont's "90% renewable" goal. Science tells us that a rapid transition is essential in avoiding devastating climate change impacts. That means dropping reliance on fossil fuels for heating and transportation. It means incentivizing carbon-neutral alternatives. It means recognizing the loss of the carbon sinks due to massive hydro development to our north: Hydro Quebec is neither "renewable" nor "carbon-neutral".
- **Increase electric vehicle (EV) infrastructure and incentives.** Vermonters have shown a willingness to plug in vehicles and make use of electricity that can be generated cleanly. Yet even with falling prices, EV's remain out of reach for many. We need incentives and infrastructure that make owning and/or leasing an EV easier.
- **Expand Vermont's zero-carbon transportation choices, with a strong focus on mass transit based on renewable generation.** Transportation is Vermont's largest source of greenhouse gas emissions, and as the sector projected to grow the fastest, we need deep-change solutions. Electric buses and improving bicycle-friendly and pedestrian-friendly streets are important. Long term we must rethink community design, shifting from spread-out, car dependent settlements, to compact villages that require less use of cars.
- **Vermont should move aggressively to achieve equitable deployment of renewable heating options.** This begins with efficiency: fully funding the great work now being done by the low-income weatherization programs, and expanded use of the latest heating technology, such as air-sourced heat pumps, to replace much less efficient furnaces.
- **The Commission and Vermont energy policy, in general, should assess the true cost of inaction.** There is a cost associated with failing to aggressively invest in efficiency or support widely distributed, renewable, independent energy infrastructure. The costs of inaction include storm damage, health costs, environmental degradation, a potentially endangered food supply, and an increased flow of refugees.