



## SPEAKING SIGN-IN SHEET

**Project:** Portsmouth Public Comment Session

**Meeting Date:** 10/19/17

**Facilitator:** Office of Strategic Initiatives

**Place/Room:** DES

Name (Please Print)	Town/City
✓ Tyler McFarland	Dover
✓ Ken Grossman	Barrington
✓ Holly Grossman	Barrington
✓ Nicholas Durdorf	Barrington
✓ Griffin Sinclair-Wingate	Dover
✓ Abigail Colby	Durham
✓ BEN KREMER	DURHAM
<del>_____</del>	<del>_____</del>
✓ WES TATOR	PORTSMOUTH
✓ Cal Trumann	Newmarket
✓ Jon Mullen	NOTTINGHAM
✓ Kessa Cote	Rollinsford
✓ SCOT JOHNSON	BARRINGTON
✓ Suzanne McFarland	Rye







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✓ Holly Grossman x2	
✓ Nicholas Dundorf x2	Barrington



October 19, 2017

OSI Public Comments Portsmouth Event

- Tyler McFarland
  - Northern Pass bad climate change will flood Seabrook
  - Possible nuclear meltdown
  - No fossil fuels
  - Offshore wind project without doing damage to the wildlife
- Ken Grossman –Barrington
  - Science Technology and Energy Committee
  - NH is moving forward on reducing carbon foot print
  - PUC regulations no activity on federal level
  - State of New Hampshire needs to exceed goal
  - Short goals more progress investment good
  - No new fossil pipelines
  - Bipartisan carbon tax
  - Re-examine offshore windmills for the state
  - Electric charging stations for cars should be built
  - Climate change is a dire threat
- Holly Grossman
  - Global warming is a threat
  - No fossil fuel
  - Offshore wind is need in Portsmouth
  - Solar arrays should be used and extra energy should go to neighbors
  - No new pipeline
  - Power stations for electric cars
- Nicholas Dundorf -Durham, NH
  - Climate change is real
  - Companies are taking the power away from the people
  - More solar stations of shore
- Griffin Sinclair-Wingate –Dover
  - Activist
  - Too dependent on fossil fuel
  - Investment should be in renewables
  - Resolution for offshore winds
  - 2050 -100% renewable
    - Follow the Paris accords
- Abigail Colloy –Durham
  - UNH Student
  - Young people want renewable energy

- Old way is killing the planet
- Future is renewable
- Should make renewable energy available to people who can't afford it
- Ben Kremer –Durham
  - Climate change is real
  - Someone should lead NH
  - No new fossil fuels
  - Solve climate change
  - 2050 100% renewable
- Wes Tator
  - Seacoast Citizen climate lobby
  - Wants 100% renewable by 2025
  - State Energy Plan
    - No feedback about what is happening need more public outreach
  - Transportation is the largest consumer of energy
- Cal Trumann
  - Working in NH for renewable energy
  - Local solar jobs
  - 35<sup>th</sup> in the nation for renewable energy use
  - Installation and operation should be left in state for job opportunities
  - Renewable more open environment
  - Seacoast is liberal
  - National security at stake if we are too dependent on fossil fuels
- Jon Mullen
  - Road widening programs lead to more CO2 admissions
  - Amazon pitch not happy about that because of more carbon admissions
  - Why doesn't Pease have solar
- Lisa Cote –Rollinsford, NH
  - Support Ken Grossman's comments
  - We spend four billion dollars out of State on fuel costs
  - Northern Pass is bad
- Suzanne McFarland –Rye, NH
  - Offshore wind project
- Matt Davis
  - Thermos technology
  - Oil/natural gas is unstable
  - High quality jobs in solar
- Michael Behamann –Dover
  - Use clean energy and use tech that is more sustainable
  - Need targets and goals

- Don't think too many revisions need to the current plan because that leads to instability
- Katie Moody –Newington
  - 10 years is a short time long term goals are needed like a 25-30 year plan
  - Energy is a non-partisan issue
  - Clean renewable energy is goal
  - Need more youth in NH
  - Push to the future → no fossil fuels
- Steve Diamond –Barrington
  - Coal plants are shutting down because of mercury in fish
  - Real cost of environment impact
  - Nuclear waste is harmful
  - Utilize dams for electricity
  - Barrington Planning Board has .005 cent tax to cover spills
    - State should be in charge of this program not towns
  - Road repair is not covered by gas tax
- Doug Bogen–Barrington
  - Opposed nuclear power plant should close by 2030
    - No relicensing
  - Renewable clean energy
  - Offshore wind usage
- Ken Grossman
  - 3,000 megawatts in the Gulf of Maine that goes unused
  - Every state with open ocean should have offshore wind farms
  - 8,000 megawatts in MA
  - Years behind in the program in NH
- Cameron Wake
  - No money should go to fossil fuel
  - Mercury scrubber paid by rate payer
  - Think long term
  - Humans caused climate change
  - Electric vehicles people are moving towards
  - Need diverse energy sources in case of emergency
  - More progress monitoring
- Clay Mitchell –Newmarket
  - Meeting updates
  - 374G renewables
  - Innovative structures
  - Mass. Effort to storage energy
- Taylor Casewell

- Fossil fuel more expensive
- Solar better be more inclusive transparent
- Kate Epsom –Newmarket
  - Meter based goals
  - 374G stay in generation when renewable no harm to small business→ electric=distribution transparent, more retail competition
  - Transportation- VW settlement should be used for charging stations
  - Thermal- biomass should be used to support the forest jobs
  - Plan inclusive for lower income families like a community energy project
- Silva Foster –Durham
  - Offshore wind resources that is available
  - Keep money instate
  - Diversity of jobs
  - Lower carbon output
- Howard Kalet -Rye, NH
  - Energize 360 program ran out of money
  - Off shore wind needs to be investigated
  - Natural gas low cost
  - Electric system same cost
  - Storage system problem (grid)
    - Electronic storage
    - Solar shut off
- Kendra Ford
  - Reps the religious community
  - Wants renewable energy
  - Clean planet
- Bill Baber –Dover
  - Energy Committee
  - NH does not have a master plan
    - 10 years not long enough more input is needed
  - Spend 6 billion on energy and 4 billion go out of state
  - Economic sense
  - Energy efficiency
  - Need public education
- Renay Allen –Exeter
  - Encourage clean energy
  - Proclamation to match Paris agreement
  - More Energize 360 plot programs
  - Wind farm job opportunity
  - Sea is warming and rising

- Olivia Moore – Dover
  - She is a Teacher
  - Her students feel hopeless like it is an unsolvable issue
  - Need to be a model for young people
- Roger Dunn
  - Conservation efforts to renewable energy
- Amy Antonucci –Barrington, NH
  - Conservation and energy efficiency
  - More renewable
  - Oil, coal, nuclear bad
  - Offshore wind energy
    - State/fed program
- Wes Tator –Portsmouth
  - More public access
  - Stop taxes on gas coming out of the ground
  - Children’s lawsuit- can’t ignore climate change
- Ken Grossman- Barrington
  - Energy efficiency=energy conservation
  - Have to put twice as much to save
  - Industrial customers don’t have energy saving
  - Don’t let PUC push back
- Cal Trumann –Newmarket
  - Natural gas is high cost
  - Externalizing such as fracking which leads to polluted water
  - Solar is less than one percent
- Steve Diamond –Barrington
  - Threat of hurricane
  - Major drought
  - Emergency preparedness
  - Smarter grid needed
- Holly Grossman –Barrington
  - Northern Pass unwanted
  - Insulating making the house more effective
- Nicholas Dundord
  - Impressed with crowd
  - How does NH want to be seen in history
- Andrew Kellar –Portsmouth
  - Solar industry 200,000 homes in NH
  - Seen climate change impact
  - Community solar initiative

- People don't like the look of solar
- Benefit the whole community

Ken Grossman  
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I'm Ken Grossman, a former state representative, having represented Barrington and served on the Science, Technology and Energy committee during the term when the 10-year Energy Strategy was authorized and written. It is a good document, and I'm gratified that it is still a working document, especially as regards the clean energy sector.

New Hampshire is moving forward in reducing greenhouse gas emission, making remarkable progress in renewable sources of generation, solar alone being nothing short of spectacular. Coming on strong is the Energy Efficiency Resource Standard (EERS) developed with cooperation among the legislature, the PUC, the regulated utilities and other stakeholders.

It is disturbing nonetheless that in the face of inaction and negativity at the federal level there are forces that wish to dilute these efforts. It's important for both environmental and economic reasons to maintain forward progress. Actually, it's important to exceed existing goals and set new ones. More efficiency, more renewables sooner, not later. Twenty-five percent by 2025 is minimal and should be higher, but 50% by when? 100% by when?

The EERS stipulates using all energy efficiency measures that are cost-effective in the near term. That's good. But in reality, energy efficiency measures are always cost-effective. Sometimes the payback arc is a little longer. We should take the long view. Savings is good, but investment is even better. And if we take into account the environmental and social costs, the case for more, not less action is even more compelling. According to ISO-New England, New England is using 12,000 gigawatt hours less each year due to energy efficiency and will double it by ~~2016~~ <sup>2026</sup>. Let's get more of it.

The Carsey School of Public Policy's Perspective on NH's Energy Future needs to be made part of this discussion. Quick summary: NH doesn't need new fossil fuel pipelines or new high transmission lines. Efficiency and renewables, especially distributed generation, will bring down costs and remove the need for new large scale non-renewable generation.

I want to mention two items that have not been in the forefront of energy strategy. One is the bipartisan initiative taking place nationally to consider a carbon fee and dividend. Look into it. It could be a game-changer. The other item is offshore wind generation. That's not in the existing energy strategy. It should be in the revised document. It's not a well-known technology, but it should be discussed. It has huge potential for bringing clean electrical generation that may supply electricity far beyond the projected need NH has. This needs to be checked out. A study commission looked into it several years ago. Although the summary was not as enthusiastic as it ought to have been, their work needs to be re-examined in its entirety. It should not be dismissed out of hand. Speaking of what gets dismissed, I want to shout "transportation" from the rooftops. I know that dealing with that issue hasn't gained traction politically. But our leaders sometimes have to lead. Look again at the transportation section of the strategy. It contains good ideas. Please don't ignore the need for the dollar savings cost and social cost savings over time. The 2014 strategy was based on data, not just public opinion. This is a moment for "if you build it, they will come." There are data to support that.

Finally, I've got to whisper two words that sadly shut down some conversations about energy: The words are climate change. I can't help thinking that if we all faced the likelihood that climate change is a dire threat in so many ways, we'd be much more motivated to accelerate progress on sound strategy.

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