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To: [comments_EMP](#)
Subject: [EXTERNAL] comments
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Discussion Points

General

1. For the purposes of the Energy Master Plan (EMP) and reaching Governor Murphy's goal of 100% clean energy usage in New Jersey by 2050, how should clean energy be defined?
Tons of carbon removed per project
2. Should the definition of clean energy contain flexibility between now and 2050 to allow for transitional fuels to be used and phased out over time? What intervening steps should be taken to complete the transition? **No flexibility allow ambiguity of results. Milestones with due dates and the due date can have rewards for early completion and penalties for failure to comply**
3. What is the most significant obstacle to getting to 100% clean energy by 2050? How can the state address it?
Cost & Time. Archimedes said I could move the earth with big enough level. If I have the time and the money I can accomplish anything. The time is set with the plan of 2050. Now We need the money to accomplish the tasking. With the fact that we have the funding. I suggest a performance-based program. The State pays for results with the point of 2 with penalties and rewards.

Transition and Technology

4. how can the State immediately begin to transition to clean energy production and distribution? **b**What intervening steps should be considered to clean existing technology? **c**How should stranded costs be addressed? **4a** Mandate the code changes with planning including license engineers taking the lead. The building must have charging stations etc. **4b** Intervening Steps should the R&D to advance what can be done. **4c** Stranded cost should be born with a life cycle costing of the project and balanced with the penalty for failing to implement.
5. **A** How should the state analyze the construction of additional fossil fuel infrastructure during the transition? **b**How can the state plan to accommodate this infrastructure in both it's short-term and long-term clean energy goals? **C** What statutory or regulatory changes will be needed for the state to make and implement these determinations? **5a** It is part of doing business is to achieve the goal work is needed including the work and energy from fossil fuel to accomplish the greater good. **5b** It is a program view to accomplish the program goals so the short-term needs to be metered to get the program done. **5c** I don't think that there should be any change the contractors and engineer can work within the current guidelines.
6. How should the state invest in and encourage innovative technologies for renewable energy and energy efficiency? **I like the NASA mode of fully funding the R&D and using leases with the partnering companies to**

implement it and share in the reward. The companies need to economically viable to execute the plan. I worked on a team for peroxide in the exhaust stream to drop out NOx and SOx. Unfortunately, the program director died, and the program died with him.

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State Policy

7. Evaluate existing clean energy policies and programs: where are they most/least effective, and are they aligned with the 100% clean energy by 2050 goal? If not, what modifications can be made, if any?
The market need to dictate the implication of the Clean Energy with rewards and penalties
8. How should the state integrate low use property, such as brownfields and blighted zones, into new clean energy economic development?
Offer rewards to have them cleaned up with breaks in tax rates.
9. How should the state address the baseload needs v. intermittent elements of clean energy generation? What is the role of energy storage in the conversion to 100% clean energy?
Baseload should be existing energy production. Intermittent should be renewables. Energy storage is too new

Planning and Zoning

10. How can clean and reliable power support the expansion of clean transportation?
Transportation should be encouraged with an increase in wheeling charges for better economy.
11. Is there a role for communities in local energy planning and, if yes, what should it be? Are there opportunities for public-private partnerships to aid communities undertaking this planning?
Yes with tax breaks and they see a benefit with increase construction and a better environment. P3 can expedite the financing
12. What portfolio mixtures can the state utilize in achieving its 100% clean energy goal?
We need to be like CA and be 100%
What can a transition portfolio mixture resemble in 2030 and what portfolio mixtures can the state utilize in 2050?
75% 2030 and 100% in 2050
13. Should changes be made to zoning and planning laws and requirements to allow for the development of clean energy generation?
No, it directs the growth, and it needs to be statewide

Economic Growth and Workforce Development

14. How should the state address the workforce development needs associate with the transformation to 100% clean energy?
The trades need to encourage. The college finance aid needs to be cut to direct the high school to the trades. More high school trade schools
15. How can the transition to 100% clean energy grow New Jersey's economy

and create new innovative and high paying careers for New Jersey residents?

The trade is making over \$100k per person.

16. How can the State encourage, require, or otherwise develop a robust supply chain for all clean energy industries?

More trade schools

Environmental Justice

17. How will the State consider and integrate overburdened communities into clean energy advancements?

Introduce MBE WBE AND SDVOBE

18. What efforts are most successful towards making clean energy and energy efficiency measures affordable and accessible to all?

Economic infusion with rewards

19. How can the state play a role in ensuring that disproportionately impacted communities receive opportunities and benefits connected to the clean energy economy?