

From: [Thomas Kaercher](#)
To: [comments_EMP](#)
Subject: [EXTERNAL] Input on the draft NJ 2019 Energy Master Plan -
Date: Saturday, October 13, 2018 12:08:22 AM

Greetings,

In reviewing the supporting documents for the NJ 2019 Energy Master Plan, I offer the following observations and recommendations:

- Regarding the 'Clean and Reliable Power' section, it occurs to me that the report seems to be neglecting tapping into Tidal Energy as an additional source of clean renewable power. The Atlantic Ocean could provide a constant massive source of energy from the waves that are breaking on and receding from our shores 24 hours a day, 365 days a year. In addition, river currents move as slow as 1/2 MPH can also be harnessed to generate energy. I encourage the State of New Jersey to incorporate these additional sources of renewable energy into the NJ 2019 EMP.
- Encourage broad-based adoption of distributed renewable energy through incentives such as rebates on distributed wind and solar technologies including solar tiles and distributed solar batter storage. Distributed renewable energy will put energy creation close to the energy consumption and reduce the reliance on and energy loss from transmitting energy through a grid.
- Adopt CAFE standards that match or exceed California's for every vehicle sold in NJ.
- Don't allow the energy companies to increase the consumer grid connection costs which would reduce or eliminate the savings benefit from adopting renewable energy and make any investments in renewable energy untenable. This happened in Arizona, where after consumers made the investments in solar technology, the state PUC allowed the energy utilities to raise the consumer protection cost to the point that any savings in solar were eradicated and consumers ended up losing money on adopting solar
- Phase in a carbon tax on businesses and consumers over a 10 year period to incentivize the adoption of renewable energy and to fund incentives.
- Institute incentives for the purchase of electric, hydrogen, hybrid vehicles, and zero emission vehicles (ZEV) and fund creation of charging and hydrogen stations.
- Mandate that all NJ state vehicles and NJ Transit Vehicles are ZEV by 2025 and provide incentives and penalties to encourage County and local governments to follow suit.

- Mandate that all state, county, and local buildings are operating 100% renewable energy by 2030.

Lastly,

I would encourage the state to adopt a much more aggressive timeline for being on 100% renewable energy. The health of our planet can't wait.

Thank you for considering these items.

Sincerely,

Thomas Kaercher
36 Harvard Road
Cranford, NJ 07016
908.757-9561

- Provide business tax credits and incentives to encourage the development and manufacture renewable energy technology and products in NJ.

- Phase in a carbon tax on any out of state vehicle operating in NJ that does not meet our CAFE standards



Virus-free. www.avast.com