

Comments by Dr. Jan Dash on the NJ EMP (Energy Master Plan Draft, 2019):
<https://nj.gov/emp/pdf/Draft%202019%20EMP%20Final.pdf>

The NJ EMP is a good plan. It can be better. Improve it. Look high for your vision. Your grandchildren will thank you. Here are some suggestions:

* NJ should join then “We Are Still In” program demonstrating support for the Paris Agreement along with 10 other states: <https://www.wearestillin.com/>

* NJ should start a comprehensive NJ Public awareness campaign for the EMP

- Include rebuttals to climate contrarian denier fallacies that are impeding climate action: <https://skepticalscience.com/argument.php>
- Emphasize risk, action, and opportunity
- Emphasize optimism, courage, and persistence

* Increase ambition for the EMP as it stands now and increasing with time – in particular, more ambitious goals for EV, Wind, and Solar

* No new fossil fuel projects. Schedule - moving off existing NG with all deliberate speed. Schedule - decommissioning of existing light water nuclear reactors with all deliberate speed. Replace with increased EV, Wind, and Solar with time.

* Lock down the EMP legally to protect EMP against any potential future political attack, such as those occurring at the federal level under the present federal administration.

* Increase support for fusion energy research at Princeton University and elsewhere: <https://www.pppl.gov/research/experimental-fusion-research>

* Increase NJ program for carbon sequestration research, including advanced soil management, plantings, and new technologies.

* Increase research for long distance transmission using low-loss HVDC transmission lines for an eventual national renewable network: <http://cleanandsecuregrid.org/2017/11/28/info/>

* Include a NJ state carbon fee and dividend program to put a increasing price on carbon. A carbon fee and dividend program can stimulate the NJ economy. The model is the federal bill HR763. A good place to start is \$40/ton CO₂eq.

* Encourage private investment for the EMP. Specific policies could include selective NJ State financial backstops, within resources.

* Encourage corporations to take climate risk into account, for example compliance with the TCFD guidelines: <https://www.fsb-tcfd.org/>

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<https://www.worldscientific.com/page/encyclopedia-of-climate-change>

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He was a professor of physics. He then worked for many years in quantitative finance and risk management, and published a book on the subject:

<https://www.worldscientific.com/worldscibooks/10.1142/9003>

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