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From: Elika J. Etemad <elika@inkedblade.net>
Sent: Saturday, November 9, 2019 6:49 PM
To: comments, EMP
Subject: [EXTERNAL] IEP

New Jersey can and should be a global leader in addressing our climate emergency. However the IEP in its current form does not seem to put NJ on track to meet its 100% clean energy by 2050 goal or its legal mandate to reduce greenhouse gas emissions (GHG) 80% by 2050, it's not even on track to meet the easier, more urgent and more important 45% cut in GHGs by 2030 the overwhelming scientific consensus is calling for. I demand you take all steps to address these critical structural deficiencies before finalizing the IEP and EMP.

- front loading emission reductions to have the most significant impact on our climate emergency
- accurately estimating the global warming potential of short-lived climate pollutants like methane and black carbon
- counting social costs of continued reliance and use of fossil fuels
- flexibility to use the best of some plans now and others later
- valuing meaningful public input
- consideration of potential impact of future regulatory and technological changes
- any mechanisms or recommendations of how to decrease fossil fuel use
- any modeling scenarios that cut NJ's emissions 45% before 2030 as recommended by IPCC 2018 report
- modeling for a goal of carbon-free energy for New Jersey
- modeling for immediate moratorium on any new fossil fuel infrastructure

Please also ensure that **land use planning** as well as **building codes** and **transportation** are adequately considered. Transportation emissions are greatly dependent on smart land use and transportation planning such as **transit-oriented development**. And building codes can **reduce emissions from building construction and operation**. We can move towards decarbonization faster if we include land use planning, building code updates, and transportation planning in addition to energy source adjustments in our energy plan.

We need to do better in the 2020-2030 time range. Most of your focus is on improvements after 2030, but we can't control policy that far out in the future. We have to do better **now**.

~Elika