

## Belmonte, Juan

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**From:** Marilyn Rye <marilyn.rye@gmail.com>  
**Sent:** Thursday, November 14, 2019 11:33 PM  
**To:** comments, EMP  
**Subject:** [EXTERNAL] TEP Feedback

To: [emp.comments@bpu.nj.gov](mailto:emp.comments@bpu.nj.gov)

Subject: IEP Feedback

The revised IEP and EMP are to be commended for including more renewable energy sources to restructure NJ's energy future. However, given the looming climate crisis which is more of a climate disaster, we must give up carbon sources of energy entirely since any carbon will still add to the climate warming. NJ is one of the fastest warming states. We lose large amounts of coastline each year as that is washed away. Nuclear sources are problematic in terms of environment and health costs and are not a good solution to NJ's energy needs. Health costs from increased illnesses from nuclear plants also need to be added to costs when cancer rates double. Also nuclear power is an intermittent energy source, since nuclear plants shut down in hot weather when the water becomes too hot to use in its production. We should not be investing in nuclear energy. Continuing use of fossil fuels also pollutes air and water and generates enormous costs for the needed healthcare that result when methane gases leak into the air. Nuclear and fossil fuels are not clean energy when the total picture is examined. Their use will continue to degrade NJ's currently rated "poor" air quality. NJ should aim for higher use of renewable energies.

New Jersey can and should be a global leader in addressing our climate emergency. Instead, I am alarmed by the findings presented in the Integrated Energy Plan. I demand you take all steps to address these critical structural deficiencies before finalizing the IEP and EMP. Improvements to the IEP should include:

- 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
- 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

Attention to the above recommendations will result in an improved energy plan for NJ.

Sincerely,

Marilyn Rye, Ph.D.

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