

I was very pleased to see the release of the Environmental Master Plan. I am certain that it is the result of a great deal of research and hard work. After a careful review the following comments will address the greater urgency that we now find ourselves in. E.g. Dorian is a category 5 hurricane with a pressure as low as 915 millibars (27 inches of Mercury)

The EMP must include a moratorium on all new fossil fuel projects until GHG's are effectively regulated per below:

1. EMP does not even mention the word moratorium and is totally silent on these fossil fuel expansion projects.
2. The goal of 100% carbon neutral energy by 2050 must be replaced with the goal of achieving 100% clean renewable energy by 2050
3. EMP recommits to the mandate to reduce greenhouse gas emissions 80% by 2050. it provides no interim milestones thus enabling reductions to be delayed. Meanwhile the consequences of climate change are occurring earlier and more rapidly than expected. We only have ten years to act.
4. GHG's must be regulated to achieve IPCC's 2030 target. The EMP only tepidly proposes to "study" this issue. There is nothing more to study here without action. NJDEP must immediately regulate GHGs to meet these targets.
5. Total life cycle costs of burning fossil fuels must be calculated, disclosed and utilized by the EMP in setting policies. The draft document is silent on these costs.
6. The State must regulate black carbon, pure carbon particulates, aka soot. This by-product of burning fossil fuels is a major contributor to climate change (orders of magnitude more potent as a climate pollutant than CO2) and an ongoing threat to our respiratory health. It particularly affects our most vulnerable people and communities.
7. The EMP drastically understates the global warming impact of methane released by the extraction, distribution and burning of natural gas. Over a 20-year period, methane is 86 times more potent than CO2 as a GHG

Submitted by Donald Schneider of Franklin Township