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From: kirkafrust@yahoo.com
Sent: Friday, November 15, 2019 4:31 PM
To: comments, EMP
Subject: [EXTERNAL] IEP Feedback - KF Comment # 4 - Questions that I wonder if RMI can answer in building the IEP

KF Comment # 4 – Questions that I wonder if RMI can answer in building the IEP

Dear NJBPU

I have a number of questions that I am hoping that NJBPU could ask of RMI in order to understand the extent of research and awareness RMI performed in deriving an Integrated Energy Plan for Nj for the next 30 years.

Could you please consider asking the following questions to RMI and publishing the responses from RMI?

- Did RMI engage with California or CT in their research for NJ to ascertain what CA and CT are doing for their Integrated Energy Plans?
- Did RMI reach out to Nikola Motor regarding partnering Nikola to build out hydrogen gas stations in NJ? Or what cost savings that NJ might incur if NJ initiates hydrogen implementation in parallel to Nikola's implementation?
- Does RMI realize that NEL has a locally sourced local hydrogen gas station available and countries around the world are purchasing it now?
- Has RMI researched how many NEL [H2Station](#) are deployed globally and what the current 2020 deployment pipeline for new installations?
- Did RMI research and share with NJ about California experiencing pitfalls and high costs (that underestimated) associated with electrification for Battery Electric Vehicles?
- Did RMI note that electric BEV charging is an easy add-on to a hydrogen gas station (rather than electrifying to enable the electric charging station) and substantially less cost than adding electrification to fuel stations to enable BEV charging?
- Did RMI assess lessons learned from other states and countries in their integrated energy plans and detail what they are?
- Did RMI consult the IEA ([international energy agency](#)) to identify current IEP strategies states and countries are undertaking?
- Did RMI detail what numbers and how they generated scenarios using IEA data from [EER's modeling tool](#)?
- Did RMI detail vulnerabilities of Battery Electric Vehicles, especially specific to cold days where the vehicle mileage capability is cut in half and also how batteries deteriorate over time translating into high maintenance costs?

I very much appreciate your consideration and urge NJBPU to consider extending the time on the IEP to Jan 2022 and hold many sessions working with NJ agencies, partners and residents who have submitted comments.

I also very much urge NJBPU to engage NJ high schools and colleges with competitions. We should be using NJ resources and next generation to help guide innovation, awareness and proofs of concept.

Sincerely,

Kirk Frost