

From: kenjones120@gmail.com
To: [comments, EMP](#)
Subject: [EXTERNAL] Comments on the 2019 Energy Master Plan
Date: Sunday, September 15, 2019 8:16:01 PM

Dear Chair Fiordaliso and EMP Committee,

After reading the 2019 Energy Master Plan I am struck by the fact that transportation is responsible for 50% of greenhouse gasses. As an owner of an electric car and a advocate for EVs, I have become aware of the many advantages of these cars but also the deficit of resources available for owners of EVs.

The advantages including zero local emissions (important for cleaning up our air), greater overall efficiency (lowered greenhouse gas emissions over the life of the car), inexpensive to service (including net savings of \$800 annually in fuel), and fun to drive. The disadvantages relate mostly to charging infrastructure, which NJ lags nationally. In Bergen County, there are few charging stations of any kind and maybe a handful of DC fast charging stations that are publicly accessibly. Many charging stations are either inaccessible or charge too much. The lack of fast charging stations is particularly problematic for EV owners who need to travel long distance or who cannot charge at home. There is no question that charging accessibility is the number 1 hinderance for wider-spread public adoption of EV. I am pleased to see that this is something that the EMP is addressing, however I didn't see much detail about the timeline of implementing the build-out of EV infrastructure.

From my experience participating in electric car shows and talking with owners and non-owners of EVs, these are the critical things that need to be addressed:

1. Quickly develop a rebate program for first time buyers of electric cars
2. Continue the state tax exemption for plug-in electrics
3. Rapidly deploy DC fast charging stations along the Turnpike and GSP (I was very happy to see the new one near Exit 151 of the GSP)
4. Increase the per-station payout for the It Pays to Plug In grant program. %6000 per dual port station will only cover 1/3 of the cost for purchase and installation.
5. Allow owners of charging stations to charge per kWh
6. Adopt NJ building codes that require electrical outlets in parking spaces for owners of apartments and condominiums. This is such a basic thing to require installation of a 120V 20A outlet at 25% of all parking spaces for new or renovated buildings. Retrofitting is 3 times more costly.
7. Develop an incentive program for landlords of existing multifamily dwellings to install electrical outlets accessible to tenants.

Sincerely,

Ken Jones
25 Warren Place
Glen Rock, NJ