

Subject: Public Hearing Comments

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From: DoNotReply@delaware.gov

To: HearingComments, DNREC (MailBox Resources)

Comments on 2022-R-A-0011: Low Emission Vehicle Program

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Organization: no

Comments:

I own an electric vehicle and have since June of last year. I own a Hyundai Ioniq 5. There are several issues with asking people to go with EV's and the first one is primarily infrastructure. Long trips require planning and working charging stations. Right now the ONLY Electrify America in Northern DE is at the Wawa right off 495 on New Castle. It is crowded and the chargers are slow and there is often a wait. If you travel long distances you can go for hours without a station. I go to Southern DE and charging stations are virtually non-existent. I have accounts with 5 charging companies because not everyone operates everywhere and they are often slow. Cold weather. Ev's do not do well in cold weather. When you turn on the heat the range drops often by 40 miles. So you ride in a cold car. Also, you do not get the full charge amount that you get in the summer. So you charge more often, (taking more power) as in pretty much daily. That is the other thing about the batteries, in order to optimize them for longer life they should only be charged to 80%. So the coldest months of the year are not good for these cars, even here where the winters are milder. Cost, they cost more to insure and to buy. You go through tires faster because they are heavy. Energy use is not efficient. 80% of the electricity in this country is generated by natural gas, then converted to electricity and then on to charging the car for a loss of energy. The Batteries: Right now they are toxic and there is no way to recycle them., In addition, those chemicals and minerals are not found here and we have to import them. So, in theory, this sounds great however you need to fix the grid, consider nuclear as it is safer and cleaner than solar and wind (which is deadly to bird life) and think of hydrogen vehicles. Less time, cost, and emissions are water. You are putting the CART BEFORE THE HORSE. This is knee-jerk politics and not consulting with the science. Plus, how are lower-income people going to afford them and get themselves to work. Do not mandate this change, we are not ready for it. Do not get me wrong, I love my car but it was my choice to buy it. All of the above concerns need to be addressed before you start asking people to buy these things and I do not see that happening in any way in 10 years as we need longer than that to fix our energy supply issue. Doing the right thing environmentally means for all life on this planet, not just human life.