

**Subject:** Electric Vehicles only in Delaware

**Date:** Tuesday, May 23, 2023 at 10:18:31 AM Eastern Daylight Time

**From:** Paulus

**To:** HearingComments, DNREC (MailBox Resources)

Please do not propagate regulations/government legislature for Electric Vehicles only. I have been a plug in Hybrid vehicle user as well as a Hybrid only Vehicle user. I have received a great deal of Miles per gallon with these vehicles, however I have also paid the price. I recommend against Electric Vehicles only for these reasons:

- 1) Vehicles Electric Vehicles and Hybrids are more expensive to purchase. (Undue burden on working people that can't afford the higher prices)
- 2) Vehicles Electric Vehicles and Hybrids are more expensive to maintain. The electronic systems that run the startup of the gas motor, electric engine, regeneration braking, charging system, external charging system and electric heaters, air conditioning and steering are all more expensive to maintain and troubleshoot. Sometimes the mechanics can't determine the cause of an issue and you just have to live with it. (Undue burden on working people that can't afford the higher prices AND Unreliability)
- 3) The life cycle of the Lithium batteries deteriorates over time. I have lost about 30% of my battery life in about 6 years. (Unreliable)
- 4) The environmental impact of the production, operation, safety and disposal of electric vehicles has not been calculated. What is the carbon footprint (if that is the best measure) of the life cycle of an electric car. My understanding is that the production of batteries alone is a larger footprint than the operation of a gasoline powered car for 8 years. How does that make sense from an overall impact??? Relative to Operations there are high voltage components of the car that are dangerous so takes longer to work upon them. No DIY capability here !!!!  
Safety view point Fire Fighters have been told to stay away from electric vehicles and to approach only when safe. (Which is hard to determine). New York City has banned electric vehicles in high rise garages due to fire potential. Are insurance companies going to take the hint and have electric vehicles banned from certain properties and drive up premiums for car owners that use Electric Vehicles? PLEASE determine before pushing for electric vehicles.
- 5) How will cities like Wilmington Operate? I went to a Mass at the Cathedral of St Peter on Saturday. I could not find a parking place in residential areas so I had to find an area that was a "abandon section". I could not plug in a vehicle there. Residence don't know that they will have parking places close to their housing.... Will EV charging stations be free in Wilmington? Who will maintain them? How will you know if they aren't working. Will there be fights over EV spaces like there are over parking places??? Or do they need to run extension cords from their houses... and others will steal their electricity???
- 6) Other states... particularly in rural/agricultural areas which I visit frequently (relatives on both mine and my wife's side of the family) do not have reliable infrastructure nor any public EV charging stations.
- 7) Will gas vehicles purchased in other states be able to be brought into Delaware? Or will I need to establish residency in another state and visit Delaware (including my residence). Sheridan Ford where I have purchase the last 4 vehicles will probably be out of business.

Thank you,  
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