

Proposed adoption of California Advance Clean Car Emissions Regulation

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To: Krall, Kyle (DNREC) <Kyle.Krall@delaware.gov>

Dear Mr. Krall,

I am opposed to the adoption of the California standards as written for the following reasons:

1. The proposed change will have far reaching effects on the citizens of our state and as such, should be determined preferable by a ballot initiative, or at a minimum, by legislative action. It is inappropriate for Gov. Carney and your department to unilaterally initiate this program.
2. EV vehicles are not as carbon neutral as commonly presented; the electricity used is provided by the burning of fossil fuels. The elements used for battery production are not readily attainable and potentially polluting. Safe disposal of batteries needs to be addressed as well.
3. Our electric grid is not capable of supporting a massive, albeit gradual, increase in electric demand. It will certainly take more than 10 years to upgrade our infrastructure in that regard.
4. The point of access for charging electric vehicles is severely limited and would have to be dramatically increased in scope across the state and country to support the number of vehicles in use daily today. The 2 charging stations at the local Royal Farms have been out of commission for months. I have seen multiple EV vehicles parked there, in search of a charge, looking for another charging point.
5. The technology used for EV vehicles must improve considerably before more widespread use. This includes battery storage and efficiency; driving distances are severely shortened when heat and AC are used. Charging times also need to be decreased. (Imagine vacation travelers lined up 10 deep at a charging point, each waiting 20 minutes to get a partial charge).
6. Once the problems mentioned above are adequately addressed, market forces will work to increase the purchase of EV vehicles. The government should not be strong-arming citizens into these purchases, especially when the infrastructure is not prepared.

Sincerely,

Francis A. Marro