

PUBLIC COMMENT

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

What is your name? Donna Hartmann

Are you a resident of Delaware? (Check one)

Yes No

Please provide your home zip code: 19808

Are you offering your comments as an individual citizen, or do you represent an organization? (Check one)

Individual Organization (Please provide the organization's name.)

Do you support or oppose the proposed Low Emission Vehicle Program, which seeks to restrict and eventually eliminate the sale of new gasoline and diesel-powered cars, light trucks, and SUVs in Delaware? (Check one)

Support Oppose

Do you wish to offer additional comments in support of your position?
(Comments can be continued on the back of this document.)

According to US Dept of Energy, Delaware has 30 locations
and a total of 125 DC Charging Ports throughout the
state. DC Charging Stations would be needed (not level 2)
to provide convenience to those traveling. Additionally, the
average battery lasts about 10 years (at best) while the cost
of replacement is high (if available) which may force residents
to have to purchase a new car. Furthermore, the average
kwh usage of an EV on a level 2 home charger is

4310.65 Per Year (non Peak Summer rate), Putting an even larger draw on the electric grid (imagine 1 vehicle per household). Also, EV weights are greater than their gas equivalents, which will cause greater wear & tear on roads. If there is reduced gas sales, and reduced gas tax revenue, where will the revenue come from for road maintenance? As a last point, based on the number of vehicles owned in Delaware (approx 416K) ~~this produces~~, our current electric grid produces 24870 more CO₂ emissions versus total cars in the state. If we "really" want to make an impact, our source should be nuclear energy which would be able to handle demand of EVs and is clean energy.

* Final Point: the government should NOT be dictating the type of vehicle I purchase.

* This will put car dealerships out of business. I will buy used vehicles for the rest of my life to avoid this - I will buy used out of state.

* Should let innovation happen organically through market competition

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What is your name? Richard B. Cochine

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- 1) Battery components are mined and manufactured in China and other foreign countries NOT USA
- 2) Government subsidies are needed to make sales affordable to above middle-class buyers. \$7,500 NEW TOO EXPENSIVE
- 3) Another added expense is the charging station that you will have to pay for to be installed at your house.

- 4) If you live in a multi-story condo/apartment building, the installation of a charging station would be interesting - I've seen extension cords hanging from 3rd story condos!
↳ This condition creates an Electrical Hazard.
- 5) The driving range of the EV's is not comparable to a "Normal" combustion engine and to "RECHARGE a Battery takes Hours(s) vs. Minutes for gas/diesel.
- 6) Most people can NOT Afford an EV.
- 7) Many working-class people work on maintaining their own vehicles to save \$.
* They will be forced to pay \$ for service to be performed by Shop that will have the specialized equipment required to do the work.
- 8) Motor Vehicle Manufacturers GM, FORD, CHRYSLER Etc. have already made great improvements in engine emissions!
- 9) Power Plants that burn GAS, COAL, etc are necessary to produce the electricity to charge the EV anyway. So you're lying to yourself anyway!
- 10) Toxic waste on old batteries!

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What is your name? MARK FELDMAN

Are you a resident of Delaware? (Check one)

Yes No

Please provide your home zip code: 19711

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THIS IS NOT THOUGHT OUT AND GOING TO
FAST. WHERE ARE THE CHARGING STATIONS
AT COMMERCIAL SHOPPING PLAZAS. HOW
AM I GOING TO GET MY HOUSE RE-
WIRED TO ACCOMMODATE A 240V
CHARGING STATION? THIS IS GOING TO
COST ME PLENTY OF MONEY THAT I
DONT HAVE. IT WILL REQUIRE
OVER →

APPROX \$5000 TO REWIRE A
150 AMP ELECTRICAL
SERVICE IN MY HOME.
I DON'T HAVE THAT MONEY.

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What is your name? Michael Carmody

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Yes No

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Wrong type of infrastructure
Outdated energy grid (see other side)
Lacking supply chain control
~~is~~
This mandate is illegal, we elected an official (see other side)

U.S. Electric Grid is reaching its 50 yr life expectancy

Too many wires to trip over

Charging station cables are heavy, awkward and unsafe!

Rules for handling lithium-ion ~~cell~~ waste are not final

Government should be listening to the people not make

unilateral decisions - e.g., appointed representatives

should not be passing law, elected officials are

the voice of the people.

PUBLIC COMMENT
2022-R-A-0011: Low Emission Vehicle Program

What is your name? Gary Schmelz page 1

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I worked in the Electric Utility industry for 39 years, our electrical infrastructure can NOT support all of the electric vehicles you are mandating.
Electric vehicles do NOT have spare parts for sale. Why?
They are all used for warranty parts. Electric cars are to new and still have issues to be worked out.
Now don't get me wrong, I would love to have a Tesla or All Electric F150 Lightnings, but they are still to new, to many problems, and there is not enough

Continued on back

energy to support your proposal/mandates

Who is the state's expert on the electric vehicle program?

What makes this/these person/people experts?

Do you know how much energy is in reserve on the grid?

Do you know how much replacement energy costs?

If you are expecting solar and wind to help with base loading, you will be surprised that this will NOT work. Ask yourself, how much electricity is produced by solar at night? Answer 0 MWe.

How much wind energy is produced on the hottest days. Almost 0 MWe, hot days have little to no wind.

How far, ie how many miles can an electric car with a 300 mile battery go before the battery will be too low to power the car? (Not a trick question)

Answer: Less than 300 miles on average.

Now same question, how far can that same car go on a cold day of winter when you need and turn on your electric heater?

Answer: Approximately 80 miles.

The amount of energy used to mine the elements for a lithium battery produces many times the pollution than gas and diesel fueled vehicles.

Putting in a high voltage charging station will cost the average household \$5,000 to install, according to my electrician.

This should NOT happen until you understand the issue fully. I know no one in this government has that knowledge.

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How many low income families can afford an
Electric Vehicle? Answer None!

- How many experts have you asked questions about
- > Grid capabilities,
 - > EV Statistics such as longevity of a vehicle,
 - > Lithium Battery component/element mining & all
of their benefits and all of the negatives,
 - > mileage statistics in ALL weather conditions,

continued on back

Electric car maintenance is higher due to lack of spare parts. Cost per hour is the same.

Most people I know with Teslas have a gas powered generator in the trunk to give an emergency charge.

As the number of EV go up in this state, so will the unemployment of all the Auto-Mechanics.

Did you know that several electric utilities in

New Jersey sold or shut down all of their fossile

fuel plants. This means that they constantly

bring electricity into the state from out of

state. Why you ask? Because the EPA took

samples that always showed high air polution

rates, So the utilities were fined, Problem

is, the polution was coming from Pennsylvania,