

Breton, Mary B

From: bigjimc64 <bigjimc64@gmail.com>
Sent: Monday, August 14, 2023 10:06 PM
To: DEP Rule Comments
Subject: AAC program and ACT program electric vehicle mandates testimony

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Thank you for your time and attention on this matter. I urge against any mandates to force Maine citizens in the direction of Electric Vehicles (EVs), when they would better be served by conventional fueled transportation.

If someone wants to buy an EV, let them. It's 2023 and EVs are a nice luxury item; a status symbol for the wealthy. One commuter EV could make sense in an upper class two-car family (with gas car backup), but practical affordable EVs just have not yet been developed; and even if they were, there are other problems to consider:

- 1) Since EVs require more resources during manufacture and since they rely primarily on fossil fuels for charging, they do not provide a significant environmental advantage over conventional fueled vehicles. ****Bottom line is that switching all of Maine over to EVs would have No Significant Impact to global temperature trends!****
- 2) We haven't yet seen the disaster that the EV used car market will create, supplying the public with vehicles of greatly reduced mile range compared to new, and also significant material waste from disposed batteries.
- 3) Whereas an older gas car may be able to provide hundreds of thousands of miles of service with occasional maintenance and repairs, the outrageous expense of battery replacement (similar to the cost of replacing an engine) will cause EVs to experience a shorter lifespan on the road. Nobody is going to be buying an EV on its 3rd or 4th battery.
- 4) Since EVs cost more, buyers will be crushed by the increased sales tax and loan interest payments.
- 5) Since EVs are heavier, their tires and brakes require more frequent replacement.
- 6) EVs can't be charged in extended power outages.
- 7) EVs can't be used for long interstate travel without careful planning for charging stops.
- 8) EVs don't perform as well in cold weather.
- 9) For practical use, EVs usually require home electric system upgrades of thousands of dollars to install rapid chargers.

10) Out-of-state tourists will drive into Maine in whatever vehicle they own. If majority-EV Maine closes down a significant population of gas stations (how many have you already seen shut down?), then tourists will vacation somewhere else.

Respectfully,
James J Cleary
1 Back Acres Ln,
South Berwick, ME 03908
207-558-3645