

Subject: Public Hearing Comments

Date: Tuesday, May 23, 2023 at 5:04:39 PM Eastern Daylight Time

From: DoNotReply@delaware.gov

To: HearingComments, DNREC (MailBox Resources), brabshuf@hotmail.com

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

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Comments:

1. The grid does not have capacity and will not improve. 2. During blackouts, EVs can't be charged 3. Rural areas lack charging infrastructure 4. Battery packs are heavy and will increase risk of injury and death to all road users. 5. Increased chance of intense and unpredictable battery fires in EVs exposing first responders to heat and electrical hazards. Note that recent fire in Lewes was caused by electric golf cart being charged in garage. Family lost everything. 6. When EV batteries burn, they are extremely difficult to put out. 40 times more water must be used to douse a burning vehicle. 7. Charging stations can cause increased fire risk in homes unless dedicated circuit is installed. 8. Batteries on electric vehicles may not be repairable if they are damaged during an accident. Very expensive to replace means higher insurance rates. 9. Short battery range in cold weather and warm weather. Range drops when using air conditioning, heat or radio. Range drops when towing a trailer. 10. EV batteries last 10 to 20 years. Expect to pay \$5000 to \$20,000 for battery replacement. 11. Extended wait time for charging if everyone is forced to have an EV. 12. China dominates supply chains of minerals needed for EV batteries. US refuses to permit domestic mines. 13. Worldwide supplies of minerals are insufficient to meet demands. Child labor, hazardous working conditions and lax environment regulations in countries mining these minerals. 14. Production of lithium for EV batteries hurts the environment. It takes over 580,000 gallons of water to produce one ton of lithium. 15. Limited and expensive recycling options. 16. Governments offer many thousands of dollars in subsidies and credits using tax payer money. 17. Even with subsidies, EV's are too expensive. The average person will not be able to afford one. 18. EVs will not really reduce CO2, especially when China will continue to produce CO2. 19. Trees take in CO2 to live. How about planting more trees and quit allowing builders to cut down all the trees in Sussex County.