

Comments on EVs and Delaware’s Climate Action Plan.

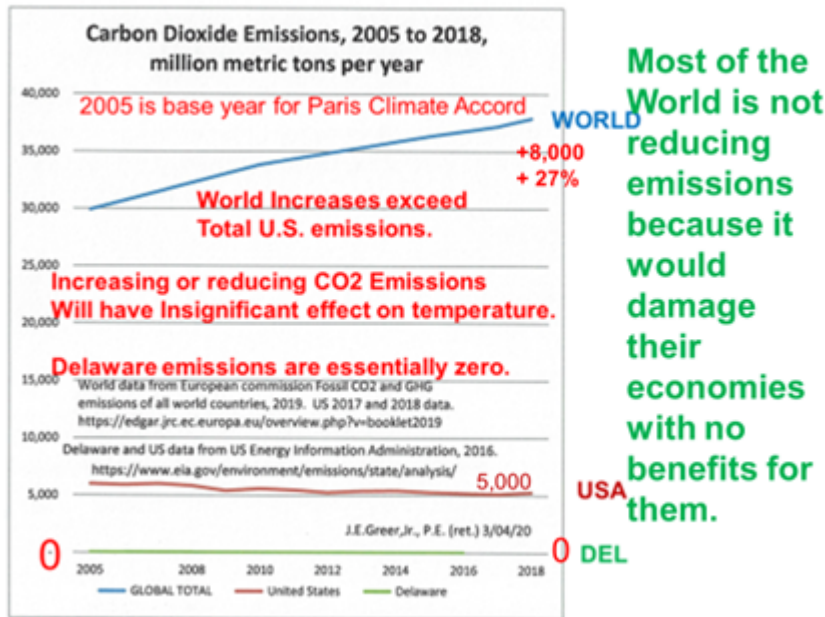
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Comments on EVs and Delaware’s Climate Action Plan.

Delaware’s Climate Action Plan to reduce CO2 emissions will have no effect on climate because Delaware’s total emissions are only about 0.03% of total Global CO2 emissions and other countries are increasing emissions, not cutting.



CO2 in Delaware’s air does not depend on Delaware CO2 emissions but total World emissions which continue to increase. Developing countries including fast-growing China and India are exempt from cutting emissions by the Paris Climate Accord, and other countries have not fulfilled their promises.

The national goal of net zero CO2 emissions by 2050 would not affect climate. As the above chart shows, USA emissions have fallen but other countries’ emissions have increased more than total USA emissions.

What’s more, the IPPC-AR5 figure 6.1 shows that Natural CO2 emissions from the land and ocean are 20 times Human emissions. Increases in atmospheric CO2 are 95% from natural causes.

Money used for EVs will cost more jobs than it creates because of the high cost. EVs will not “help us to adapt to effects of climate change” as claimed.

Delaware should use our resources to prepare for and recover from storms, not because storms are getting worse – they are not– but because they will always happen.

Please watch these two 5-minute videos with senior fellow physicist Mark Mills from the Manhattan Institute. Zero emissions are “magical thinking”.

<https://youtu.be/z2HneqfZGsM>

<https://youtu.be/ptI6BRVC1Kw>

Notes from the videos: “5 Inconvenient facts about Electric Vehicles”.

1. **More electric cars will hardly dent oil use.** “It won’t change the future in any significant way with respect to oil use or carbon dioxide emissions. ... If all of us bought electric cars... that would reduce world oil consumption by about 10%.”
2. **Electric cars are not all that green.** Most electricity comes from fossil fuels. 500,000 pounds of minerals and rock must be mined to make one EV battery. EVs must drive over 60,000 miles to offset CO2 from manufacture.
3. **Batteries are really lousy about storing energy.** Fossil fuels hold 5000% more energy per pound than batteries. EVs need a 1000-pound battery to replace 80 pounds of gasoline.
4. **Miracle batteries powerful enough to replace fossil fuels are a fantasy.** Battery improvement is limited by the laws of physics.
5. **We just don't have enough electricity for all the electric cars.** We would need to double the grid to have all electric cars. We would have even less grid capacity if we tried to do it with wind and solar.

Wind and solar versus oil and gas is “almost infantile”. “It is distressing because it is so silly.” “A victory of propaganda.” Even if you could make better wind turbines and solar panels and power lines and batteries, “you’re still drilling things, digging up stuff, making big machines that wear out, driving big trucks... It’s not magical... In many respects, it is worse. Energy systems are being designed by bureaucrats instead of engineers.”

“Worse energy, more expensive energy, and higher environmental impacts... We will need everything. Everything includes fossil fuels.”

John E. Greer, Jr., P.E., Wilmington DE, Nov. 25, 2022