

my comments and questions

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

Kyle:

Good afternoon. I have reviewed this evening's presentation and I have the following questions/comments. [Note that information that has been copied from the presentation has been "bolded"; my questions/comments follow.]

DNREC has worked to reduce smog forming pollution by 62% since 1991.

What has been the impact on health and the environment? What is the long term goal?

O3 [ground level ozone] Yearly 8-Hour NAAQS [National Ambient Air Quality Standards] Exceedance Days Chart. Equalled 3 days in 2019 and 2 days in 2020 and 3 days in 2021. What was the impact on health and environment compared to zero days? What is the long term goal? What is good enough?

Non-Attainment Area New Castle County considered "marginal" in 2008 and 2015... and bumped up to "moderate" in Sept, 2022.

If Delaware is tied to Philadelphia and Bucks County, how can we favorably impact this designation? If Delaware's "exceedance days" equalled zero, would it matter??

The largest source of GHG emissions in Delaware was the transportation sector, which represented 30% of the gross GHG emission.

How much of the Greenhouse Gas Emissions is caused by non-Delaware registered vehicles that travel on I-95 and other Delaware roadways?

Health Impacts From Tailpipe Emissions

If the emissions goals are met, what is the expected impact upon the various listed health conditions [respiratory infections, cardiovascular disease, stroke, osteoporosis, and impaired liver & kidney function] and Environmental Health [increased temperatures, water quality, organ and reproductive failure in animals, and crop damage]? Has any research been conducted and peer-reviewed? How is improvement measured?

Advanced Clean Car 1 (model year 2015-2025)

What was the impact of the Low-Emission Vehicle standards and Greenhouse Gas standards (LEV III) that were implemented?

ACC2 requirements will **not ban Gasoline/Diesel vehicles in Delaware.**

Isn't this a misleading statement, since all new car sales beginning in 2035 will be zero emission, electric vehicles?

Per your chart [ACC2 Projected Health Benefits] the net in-state benefit [health cost reduction] is \$6.5MM. How does this compare to Total Health Care Spending [which may be as large as \$4 Billion] in the State of Delaware? Also, what is the projected impact upon life expectancy in Delaware?

New Castle County Code requirements: NCCo is the first county to require that new construction is "EV-Ready". What is the estimated cost impact of this mandate?

Statewide EV Infrastructure Plan... 9.6MM charge ports needed. Sample 2030 Predictions for EV Infrastructure. What is the estimated cost to purchase and install 9.6MM ports?

