

1/28/26

Maryland Commission on Climate Change Mitigation Work Group
Maryland Department of the Environment

Jeff Silva

A Common Climate Collapse Witness in Maryland

RE: Mitigation Work Group 1/29/26 Discussion About GHG Emissions Inventory

Dear Members of the Maryland Commission on Climate Change Mitigation Work Group:

How many doctors use vague percentages to tell us to lose weight and exercise to improve health? No, doctors say what numerical quantities of types of exercise, their frequency and duration and how many pounds they want us to lose. They start with what a patient's current health related quantitative data without vague graphs, place them in our record and tell us what those quantities are and how they relate to us individually. As patients, we now have a quantified target to achieve and a recommended way to achieve that target. No, excuses.

A GHG Inventory was mentioned in the 2022 Maryland Commission on Climate Change (MCCC) Annual Report by saying it was in a 2030 GGRA Plan and GHG Inventory document. I want to see Maryland's GHG Inventory Reports. I visited the Greenhouse Gases Inventory webpage, which is not referenced in any MCCC Annual Reports, at <https://mde.maryland.gov/programs/air/ClimateChange/Pages/GreenhouseGasInventory.aspx>, but found no total quantity statement of Maryland's GHG. I do not think such GHG Inventory reports exists and they certainly are not accessible to the public.

Here is what a Maryland GHG Inventory should report:

- who issued the GHG Inventory Report;
- a printed annual GHG gross tonnage amount and the net annual GHG tonnage amount emitted by Maryland's economy and the same quantities from the inventory performed before the report was issued;
- the amounts of GHG from each major source used in the Report;
- each Report should mention by narrative, by use of a table and a graph, how many tons of GHG were avoided by transitioning to producing and lower carbon energy and using renewable energy including non-fossil fueled industrial processes for that year;
- only after the annual Maryland GHG tonnages are stated and the Report presents how many tons CO₂, methane, NO_x, and fluorocarbons were reduced from the 2006 base year and from the previous inventory is when their combined percentage of reduction of GHG from the 2006 base year is presented;

- directly on the Climate Change webpage, the 2031 estimated gross amount of GHG tonnage allowed to comply with Climate Solutions Now Act needs to be displayed along with the last two previous inventories' gross tonnage of GHG produced from Maryland's economy;
- to make that data relevant to the individual reading that webpage, the calculated average per Maryland person's GHG tonnage from the newest inventory should be displayed for comparison with the estimated average per Maryland personal GHG tonnage if the CSNA's 2031 GHG emission reduction were accomplished;
- to induce the viewer to lower their GHG pollution, the average annual money possibly saved by using non-fossil fueled appliances and transportation must be boldly presented on the Climate Change webpage;
- if possible, on the Climate Change webpage ask for Marylanders to comment about how they have reduced their household's climate pollution and their energy cost savings along with their first name and their town. Then post every three months, the three most successful examples including annual amounts of GHG they avoided and their annual savings.

The GHG emissions data is already collected to determine Maryland's progress for complying to its Climate Solutions Now Act. If MCCC wants the public's support towards Maryland achieving its CSNA's goals, the public needs objective current quantities to trigger household climate sustaining energy use changes. Also, publicly displaying per person climate pollution quantities and possible savings gained from switching to electricity is a minuscule cost way of mobilizing climate activism. Once those GHG quantities and possible costs savings are publicly displayed, they will be used by the public when considering their household's energy options when replacing appliances. Numerical quantities also will be useful when advocating for policies that are needed to reduce everyone's household climate change related damage expenses and achieve our CSNA targets. No excuses...

Signed,
 Jeff Silva
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