

March 4, 2020

Energy and Technology Committee
Legislative Office Building
300 Capitol Ave.
Hartford, CT 06106

**In Support of Governor's Bill No. 10, AN ACT CONCERNING CERTAIN
RECOMMENDATIONS REGARDING CLIMATE CHANGE**

Honorable Co-Chairs Needleman and Arconti, Ranking Members Formica and Ferraro, and Members of the Energy and Technology Committee:

I am a retired scientist. I have been struck by urgent assessments of the Intergovernmental Panel on Climate Change and other climate agencies in the last 1 ½ years, stating that the world's climate status is in critical condition. They agree with the urgency of reducing greenhouse gas (GHG) emissions to net zero optimally within 20 years.

Passage of Governor's Bill No. 10 would make a significant contribution toward achieving this goal. Among its features it provides additional stringency to electric by requiring that GHG emissions from generation of electricity used in the state reach 0 percent by 2040. This is an ambitious new limit that reflects the scientific urgency mentioned above.

Bill No. 10 also requires the "Commissioner of Energy and Environmental Protection [to] assess the energy, environmental and air quality impacts of adopting California's medium and heavy duty vehicle emission standards" by the end of 2021, and if the assessment is favorable the commissioner may adopt regulations to implement the standards. Reciprocity agreements with other states are envisioned to preserve interstate commerce. This provision would reduce GHG and particulate emissions, promoting our climate goals and the health of our citizens.

In addition to the legislative features in Governor's Bill No. 10, I suggest **amending the bill to incorporate a transportation provision** suggested by, and entirely analogous to, the Bill's language for electricity generation. Specifically, I propose requiring that **all passenger vehicles sold in Connecticut attain 0 percent emissions of GHGs by the year 2040**. A few years ago this writer attended meetings of the Governor's Council on Climate Change during which its consultant, NESCAUM, modeled that cumulative penetration of the state by electric vehicles would reach 79% by 2050 (July 26, 2016), or foresaw that annual EV sales to the public would be 100% by 2050 (December 18, 2018). This proposed parallel of a transportation provision to the electric generation sector reflects the urgency expressed by climate reports more recently.

I strongly urge the Committee to amend Governor's Bill No. 10 as suggested, and to report it favorably for consideration by the General Assembly.

Respectfully,

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