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Written Testimony UNFAVORABLE of House Bill – HB 990 – Environment –
Greenhouse Gas Emissions Reductions – Manufacturers.

Dear Chair Feldman, Vice Chair Kagan, and Honorable Members of the
Senate Education, Energy, and the Environment Committee,

My name is Chuck Thompson and a resident of District 31 in Northeastern
Anne Arundel County.

I am against HB 990 because the premise of Greenhouse Gas Emissions
driving climate change is flawed, and actions taken to force the elimination of
greenhouse gas emissions are detrimental to society.

The Benefits of Fossil Fuels

For most of human history, our ancestors relied on very basic forms of energy:
human muscle, animal muscle, and the burning of biomass such as wood or
crops. But the Industrial Revolution unlocked a whole new energy resource:
fossil fuels. Fossil energy has been a fundamental driver of the technological,
social, economic, and development progress that has followed.

Over the last 100 years or so fossil energy has led to unprecedented growth in
human flourishing, life expectancy, productivity, climate mastery, and has
lifted billions of humans out of poverty.

The Issues with Climate Models

Isolating the contributing variable. The climate system has been described as
an interactive system consisting of five major components: the atmosphere,
the hydrosphere, the cryosphere, the land surface, and the biosphere, forced
or influenced by various external forcing mechanisms, the most important of
which is the Sun. Many physical, chemical and biological interaction
processes occur among the various components of the climate system on a
wide range of space and time scales, making the system extremely complex.

With all these variables and interactions to deal with, why are we going all-in on Greenhouse Gas?

Error in measurement. Ensuring the accuracy of Earth's long-term global and regional surface temperature records is a challenging, constantly evolving undertaking. There are lots of reasons for this, including changes in the availability of data, technological advancements in how land and sea surface temperatures are measured, the growth of urban areas, and changes to where and when temperature data are collected, to name just a few. Over time, these changes can lead to measurement inconsistencies that affect temperature data records. How do we know if the temperature is actually changing or if the adjustments are causing the change?

Results of modeling. There are dozens of climate models, and they all produce different results. In general, the models cannot explain the past and overestimate the future. Factors are used to calibrate the model, but there's no theory behind the factor; it is only used to fit the data to the result. Climate modeling has arguably been worse than nothing because false information has been presented as true and "consensus."

Summary

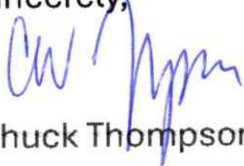
Why are we basing public policy on a false premise. The probability that Greenhouse Gas is the main culprit of climate change is close to zero, and to commit billions of dollars on this premise is a waste of precious taxpayer dollars.

I'm all for a clean environment, but cannot support policies that have no firm basis and harms society.

I request a UNFAVORABLE report for HB 990.

Thank you for your time.

Sincerely,



Chuck Thompson