

From: [Doug Warneke](#)
To: [SENR Exhibits](#)
Subject: Climate Change Legislation
Date: Sunday, February 9, 2020 3:16:50 PM

I hope that you do a cost/benefit analysis of the proposed carbon legislation. Wednesday night, KGW's Pat Dorris showed that Oregon creates about 1% of the CO2 released in the US each year and Oregonians only contribute 0.1% of the annual CO2 released globally. Even if we drop to zero CO2 release levels, we would still have a negligible influence on climate change. I am not suggesting that Oregonians do nothing on climate change. I am suggesting that we first do no harm to the Oregon economy. Driving business away from Oregon and lowering our standard of living is not the path to take.

First an quick review of our current electricity use in Oregon.

(source: <https://www.oregon.gov/energy/energy-oregon/Pages/Electricity-Mix-in-Oregon.aspx>)

Hydro electric 40.47%

Coal 31.89%

Natural Gas 16.58 %

Wind 6.49%

Nuclear 3.25%

All other sources 1.32%

Here is my idea for you to pursue: Lets go for a clean electric economy. Currently coal and natural gas make up 48.47% of our electric consumption. To replace this traditional base load and create more electricity to replace heating and transportation fuels, we would need real change. We need to look to NuScale nuclear electric generation. New technology like NuScale is inherently safe and cost effective. Yes, Solar and Wind need continued development and implementation. Until a new solution is presented, solar will still struggle on rainy days and go dark after sunset. And wind only works with favorable weather conditions. Neither are cheaply stored. NuScale's technology was developed by the smart people at Oregon State University. Nuclear electricity generation does not add CO2, easily providing the base load electricity generation that coal and natural gas have traditionally done. Please do some research into this safe option. Wouldn't it be great to have Oregon lead the way to a carbon-free, electric infrastructure? By the way, the technology that brought Chernobyl, Three Mile Island and Fukushima was developed before most of us were born. It is time to take a fresh and open minded look at this new carbon-free option.

Thank you.

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