

Chair Marsh, Co-Chairs Levy, and Members of the Committee –

For the record my name is Ed Averill and I live in [Beaverton, OR](#) as a retired engineer and climate activist.

I encourage you to pass HB 2816 with the amendments the proposers developed with significant stakeholder feedback. I support HB 2816 because I recognize that Oregon wants to do the right things for Climate, but repeatedly has allowed people to put their particular "needs" in the way of accomplishing what we need.,

Oregon has been blessed with inexpensive electricity, and that attracts big users of electricity. HB 2816 simply ensures we stick to our goals of cleaning up energy generation in Oregon as governed by our planning. Data centers and crypto-currency companies with high-energy needs need to be consistent with that planning. Oregon has much to offer them in tax benefits, and undersea data cable access, and energy costs, if they don't disturb climate issues.

We have some reasons to be concerned, so now would be the time to set standards for the future:

- According to the Oregonian, **Umatilla Electric Cooperative's GHG emissions have grown 543% since 2010 when Amazon data centers arrived**
- Cryptocurrency operations are not yet numerous in OR, but **in New York State, cryptocurrency operators are vertically integrating fossil fuel power plants.**
- **Data centers are projected to use 58% more energy by 2030 and 128% by 2040,** according to industry group NWPCC, which may mean commitments to clean energy generation will be tested.
- Although the industry as a whole is voluntarily moving in the right direction with their clean energy goals, **Amazon recently sought a permit from DEQ to build on-site gas-powered fuel cells to provide baseload power for three data centers.**

Nobody's plans should include investment in new carbon-based energy generation. We will need to concentrate on LOWERING carbon based energy, not growing it.

Oregon has the opportunity to grow it's use of offshore wind enough to electrify both building heating and transportation electrification. We need to act on such opportunity, not fall back into growing fossil fuels.

HB 2816 would prevent the wrong kind of infrastructure, which would have a decades long lifespan, and contravene Oregon's clean energy goals.

We need to help these high-energy-demand companies stay committed to doing better than the HB 2021 phase-in goals.

Our planning for the future needs to be based on making plenty of new green energy available to facilitate growing needs of Oregon.

Thank you for the opportunity to testify, and please support HB 2816.

--Ed Averill

