

Chair Lawrence, Chair Sachs and Esteemed Members of the EUT Committee

I oppose LD 1130 **An Act to Advance Long-duration Energy Storage Within the State**

The fact that a bill to have ratepayers pay to include batteries into the electricity energy mix is an admittance that wind and solar are ineffective at providing reliable electricity. We have many other resources that are reliable and less expensive and should be using them instead of concocting policies to destroy them.

Do natural gas plants need batteries? Do hydro plants need batteries? Do nuclear plants need batteries?

This is also an admittance that wind and solar must have an extreme build-out to account for windless and sunless days, The extreme build-out has to be stored inefficiently in batteries, adding grid strain and costs. The turnaround efficiency of grid scale batteries is 80% and drops off to 60% at the end of life which is 15 years. **(NREL National Renewable Energy Laboratory) - Annual Technology Baseline - Utility Scale Battery Storage**

This bill is yet another contradictory renewable energy policy. Didn't we just hear a bill to apply "time of use pricing" to shave peak costs, and will not this be an impediment to revenues of BESS trying to make a buck by leveraging market prices?

A study of development costs has BESS systems costing 38 cents per kilowatt hour. Meaning BESS would only break even at peak wholesale prices of \$400 per megawatt, when including the costs of charging. URL: <https://www.windtaskforce.org/profiles/blogs/battery-system-capital-costs-losses-and-aging>

SMRs(Small Nuclear Reactors) are the future. "Last year, 25 states passed legislation to support advanced nuclear energy and this year lawmakers have introduced over 200 bills supportive of nuclear energy" "The reactors could be operational as early as 2030" AP **"New wave of smaller, cheaper nuclear reactors sends US states racing to attract the industry"** March 29, 2025

BESS should only be tested in the free market, with no government intervention. Bills like this one is another weapon to bring the grid to collapse, one molecule of carbon dioxide elimination at a time.

LD 1130 also grants the Governors Energy Office authority to increase the goal of "energy storage system development" starting 1-1-2024. Republicans and rational Democrats, beware of this trap which will be used to attach your approval as proof of your endorsement of this highly dangerous executive office that "serves at the pleasure of the Governor." I suggest you read Title 2 Section 9 regarding the duties of this "office."

Thank You Clayton McKay Dixfield