

Submitter: Kathy Ging  
On Behalf Of: Amethyst Realty LLC  
Committee: House Committee On Climate, Energy, and Environment  
Measure: HB2215

Kathy Ging, Oregon resident 50 years, opposes HB2215. Do not wake up to nuclear NIGHTMARES: my sister lived near Three Mile Island nuclear reactor and reported that residents had nightmares for decades. Don't drink Nu-Scale or other nuclear company small safer nukes toxic kool-aid.

BREAKTHROUGH: Solar can be stored in rapidly evolving new hemp batteries. Hemp a graphene substitute from which batteries can be made for up to 200 times less than lithium ion not fire prone. Patents filed on hemp sourced batteries include David Mitlin quoted in International Business Times 'for energy storage, it works just as well as graphene.'

A licensed Oregon Realtor 35 years, before a conservation/renewable energy instructor at Southern Oregon New Energy Institute SUNERGI, Ashland. Ashland later passed the first Complete Solar Access 'Protection Right to Light' Ordinance in the USA affecting new and existing houses. I directed 25 renewable energy events: Oregon Energy Round Ups, State Fair 1982-84; Energy Independence Days Eugene, Springfield; 1st Southern Oregon Energy Fair: Visions for Humanity, 1977, attended by 5,000 partly funded by Ashland City Council after which SUNERGI was founded and more.

I moved to Oregon 50 years ago because shocked when I learned about projected nuclear dangers as assistant librarian at San Francisco's largest stock research library: Bank of America. Futuristic think tank reports estimated deaths/ maiming/ millions of dollars dollar destruction that could ensue if accidents occurred: I moved here to research alternatives and oppose nuclear.

I initiated Oregon's revised version of the renewable energy tax credit via a grad paper for Carl Hosticka legislator; a Corvallis engineer did the major scribing. Senate's passage 22 zip buoyed up Oregon's solar/ renewable energy industries 30 years until 2017 when it sunset while many other states had solar industries go bankrupt due to financial incentive sunsets.

Gov. Atiyeh's Alternative Energy Task Forces 40 years ago discovered 5 Trojan size nuclear power plants of energy could be provided by renewables with tech existing then.

Ratepayers lost out due to many level leadership vacuums. Read Rocky Mountain Institute's: Small Is Profitable: 207 reasons why distributed energy benefits utilities by

Amory Lovins et al; free online.

Warning about all electric car policy: David Blume: AlcoholCanBeaGas.com and book title states batteries only WILL NOT be able to supply 100% of transport needs: biofuels and BATTERY powered HYBRID vehicles will be requisite. Before investing in a new auto, consider this advice.

Researching energy for 50+ years Blume says that the power grid will not be able to carry the electricity for residential, commercial, industrial use and vehicles due to aging infrastructure+.

By the way if vacationers come home with battery discharged, fire racing over hill: how escape with drained battery? EV batteries cost \$4-12k and take hours to replace by professionals. Rolling brown-outs were recently authorized by Oregon PUC and utilities in times of fire hazards have been turning off the power.

Lithium ion batteries in EVs causing fires needing 5,000 to 10,000 gal. water to extinguish.

These fires often re-ignite even in vehicles when hauled by fire departments on flat bed trucks. Many fire departments do not even know how to put them out. Further, if an EV fire happens at a campground forest fires could be ignited.

I am also concerned about Oregon quakes predicted: damage to houses+ property excluded from insurance policies. People would be left destitute.

Let us not put all our eggs into EVS or any in nuclear plants. Let us not incentivize EVs until safer batteries are ready. Thank you for your careful consideration.