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I urge the CEC to oppose Corby project and other lithium BESS facilities

Hello, I'm a homeowner and resident of Vacaville for 4 years and live within miles of the proposed facility. I understand the clean energy initiative and I'm not necessarily opposing Bess facilities but I oppose unsafe LITHIUM ion Bess facilities especially near my home and near hospitals.

I've learned a lot from the residents of Moss Landing who have had to unfortunately endure the lingering effects of a fire that emitted toxic air into the surrounding areas. Moss landing burned for 3 days and reignited again causing significant disruption to the residents and community.

According to the CDC, lithium ion battery fires are a serious hazard due to intense heat and the release of toxic gases like hydrogen fluoride. It can release a variety of other toxic gases including methane; hydrogen cyanide, heavy metals among other things. Symptoms can include skin burns, lung damage. Specifically for exposure to hydrogen fluoride, symptoms include eye nose and throat irritation; coughing, chest tightness, severe burns from hydrogen fluoride. When hydrogen fluoride is mixed with water (such as fog or rain) it turns into hydrofluoric acid. Vacaville has temperatures in the summer exceeding triple digits and is susceptible to wildfires. Why would anyone want to put extremely dangerous, unstable batteries (and a lot of them) in fire country?

Lithium ion batteries are extremely unstable and carry far too much risk to the community. I struggle to find what the net positive effect is for the residents of Vacaville when the power is being stored and delivered outside of the county and only offers temporary construction jobs to the city.

The I-80 highway has over 100k daily commuters that would be impacted by a BESS fire. When a Tesla semi truck caught fire in the Sierras, traffic on both sides of the highway were closed for half a day due to the toxic fumes being emitted by the lithium batteries. There is no doubt that a thermal runaway of a BESS facility of this size would be an hazardous and environmental disaster that would impact not only the residents of Vacaville, staff and patients at Kaiser, personnel in neighboring Lonza facility, but also the hundreds of thousands of daily commuters on I-80. Shutting down I-80 in the event of a thermal runaway event would be detrimental to hundreds of thousands of commuters who use the highway daily.

How will Corby address the toxic clean up that would inevitably seep these toxic chemicals into Vacaville's ground water? Who is responsible to provide an independent study of the testing of the soil? Who is financially responsible for the long term health impacts from the aftermath of a thermal runaway event?

Kaycee Chang emphasized that these project needs to have a net positive effect to be approved and the CEC wouldn't approve something they wouldn't want in their own backyard. If YOUR city and YOUR county BANNED lithium ion BESS facilities near residential communities, would you really approve this to be in your own backyard? Please carefully reconsider all the risks and the valuable input from the local residents near the Corby project. Thank you for your time.