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Battery Energy Storage is FAR too risky at this scale

Please STOP the forward movement of building a lithium battery storage facility off the 5 freeway in San Juan Capistrano.

Lithium Battery storage systems are highly toxic and subject to unexpected self-ignition. Mining Lithium is costly and creates environmental problems, even if you don't consider sun-setting (retiring) and disposal of old batteries. Los Angeles is having many difficulties disposing of lithium car batteries from the recent fires in their vicinity. Those lithium battery fires caused extensive pollution of the residential areas at the time of the fire.

Is the proposed BESS going to be protected against TIDAL WAVES? How about a 7.9 magnitude earthquake? And you simply can't over-design enough to compensate for manufacturing defects, maintenance errors, and monitoring failures. Just because Soviet build hypergolic liquid fuel rocket sites without regard to the local populations, doesn't mean we should do anything of near equivalency.

Boeing could not cost-effectively solve the problem of on-board lithium battery fires. So, they simply created a Fire-Box to put the battery in with a vent to port the toxic blow torch out into the atmosphere and keep the plane from catching fire. We DON'T want toxic atmospheric venting!

Neither the Tesla batteries in L.A., nor the Boeing lithium batteries of the scale being proposed for our immediate neighborhood. If (or maybe when) a Lithium fire occurs Fire-Fighters CANNOT put it out. Lithium will CATCH fire in water. And, the acid gas and invisible flame for Lithium-ion battery fires is too Hazardous to approach. The only "SAFE" way to build such a facility might be in bed-rock one mile deep in the earth with multiple automatic blast-doors that would close, and seal the facility in the case of a Thermal-Runaway event.

Please see the FEMA analysis of Lithium BESS Hazards: <https://www.fema.gov/case-study/emerging-hazards-battery-energy-storage-system-fires>

See also: <https://www.utfireresearch.com/battery-fires>.