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For the record AB 525

Some of multiple reasons why NOT to build Offshore Wind Turbine platforms
please see attached

Additional submitted attachment is included below.

To California Energy Commission
Comments for the record Business Meeting AB 525 July 10, 2024

There are multiple reasons why NOT to build Offshore Wind Turbine platforms and

- The inability to generate enough electricity is a security issue: California, to keep the hospitals, public transportation, police and fire, sewage treatment plants, water supply, household use, street lights, etc etc. needs more than Wind and Solar Can produce.
- The Electricity requirements that drive DEMAND can't possibly be met by AB525 Offshore Wind Production
 - In 2022, California produced a total of 287,220 gigawatt-hours (GWh) of electricity, which was an increase of 3.4% from the 277,764 GWh generated in 2021, of which 84,000 GW Hours produced were imported from other states
 - For 2024, the projected baseline electricity demand for California is approximately 297,000 gigawatt-hours (GWh). By 2035, this demand is expected to increase to around 343,000 GWh ([California Energy Commission](#)) This growth reflects the state's ongoing economic development, population growth, and increasing electrification of various sectors. Does this take into account the increased demand from AI, Crypto currencies and Climate Change heat escalations?
 - Currently 302,385 GW Hours are required according to ISO (Independent System Operators) Reports and California will need 375,000 GW Hours by 2035.
 - AI and Bitcoin and other industrial demands will increase more than was projected before. Cryptocurrency mining presents challenges such as spikes in electricity demand, which can strain local grids and lead to increased costs during peak usage times.
 - Unpredictable fires and extreme summer heat challenges from global warming result in unforeseen weather spikes and brown-outs.
- The govt. (both Fed and State) subsidies from the Inflation Reduction Act and multiple other sources are enormous wastes of money. Foreign companies building and investing in these boondoggle projects are profiting at US and California taxpayers' expense.

- The analysis of this process is not being done cumulatively as required by N.E.P.A. (National Environmental Protection Act). Instead, this process is being illegally segmented. This is one system. CEC must cumulatively assess
 - installation of Wind Turbines,
 - Generation capacity,
 - Transmission (underwater cables to shore and on land)
 - Battery Backup (in dangerous storage facilities; lithium thermal runaway fires like in San Diego)
 - Decommission Costs when they wear out.
- Aside from these costs, as well as being non-biodegradable or reuseable, the lack of safe waste management further adds to pollution both on land and sea.
- Decommission costs and labor when they wear out are unsupportable.