

JUNE 30, 2025

Technical objections:

I write to oppose the proposed AES battery energy storage system. It poses an unacceptable risk of fire to the neighboring communities and to the National Forest. It is inappropriate for a populated area which is zoned for non-hazardous uses.

Solar panels are fine. Violently flammable batteries are not! Non-flammable technologies are available and are under cost-reduction development that will soon render this generation of flammable Li-ion batteries a dangerous and obsolete techno-failure, like leaded gasoline. AES cares only for profit. Adding additional unnecessary risk to an area of extreme and increasing fire danger is fine with them if it makes money. It should not be acceptable to those claiming to represent the population being placed at risk. Those foolish enough to embrace the current flawed technology will regret it in a few short years\*.

As an electrical engineer with formal training in reliability prediction methodologies for high power electronic systems I am shocked at the degree of technical ignorance the county considers acceptable. Making a decision of this magnitude without obtaining meaningful independent predictions of how long this installation might last, what failures are likely to occur in what time frame, and specifically the MTTF, it's standard deviation, and the tests on which it was based would be simply negligent on the part of the county. How soon will the first fire be likely to occur? Does the county not care about the answer to that question? The Moss Landing disaster shows us some of the potential consequences of wishful thinking, and they had no wind and a nice, wet slough to catch some of the ejected incendiary material.

I have not been able to find any technical information that even speaks the language of formal reliability prediction methodology as proven in industry. Either AES has not done the appropriate Highly Accelerated Life Tests\* (H.A.L.T.) on the batteries and the electronics connected to it or they have done these tests, didn't like the results and are keeping them secret. Which of these is OK with you?

This proposal has much in common with a bomb with a fuse of unknown length, though few bombs light their own fuses randomly when they grow a few dendrites. Do you not care how short the fuse might be? Due diligence at a minimum requires you to demand MTTF results and procedures as described above from AES and have them independently reviewed by a competent authority\*. How can you approve a project without knowing these basic facts about the magnitude of risk you are accepting on behalf our community?

Michael Daley, 3 Enebro Way Santa Fe 87508

Politics:

Let me be clear that anyone who votes to approve this project without due diligence will never receive my vote for any office under any circumstances. Further I pledge to vote for and financially support their political opponents regardless of party affiliation or what else the opponent might stand for. Representative negligence must have consequences.

Sincerely

Michael Daley

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\* Multiple technical references available on request