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LFP realities

LFP do not off-gas during “normal operations” but opponents of this project understand this. They also understand that LFP are absolutely capable of failure for various reasons including over-charging, over-heating and a failure of any one of the supporting battery management, thermal management or fire suppression systems. For anyone to state that these batteries do not pose a threat to the public is an irresponsible and erroneous statement. LFP produce a greater percentage of hydrogen-based gases, and therefore also have a greater risk of deflation incidents. Even the developer will not state that these batteries are 100% safe. One container of LFP burning will trigger an evacuation and/or sheltering in place order. These projects which utilize LFP or NMC batteries can be sited safely away from communities and tap into any existing transmission infrastructure. The reason why these developers choose to be within communities is to save themselves interconnection costs with a shorter gen-tie line. The choosing of a Siting location should never put interconnection costs ahead of public safety.