

DOCKETED

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Opposition to Compass Energy Storage Project 24-OPT-02

Additional submitted attachment is included below.

September 28, 2024

California Energy Commission

Docket Number: 24-OPT-02

Project Title: Compass Energy Storage Project

RE: Opposition to Proposed Compass Energy Storage Project (24-OPT-02)

California Energy Commissioners:

As a concerned Orange County resident, I oppose the proposed battery energy storage system (BESS) facility. The project site, which is less than 1,500 feet from several residential neighborhoods in Laguna Niguel, is confined within a designated general open space hillside surrounded by native plants and significant vegetation, brush, and two recreational nature trails. This close proximity to residential areas heightens the potential risk to the natural environment, native species, and the community.

The proposed 13-acre project site in San Juan Capistrano poses significant and immediate wildfire risks. As you are aware, the BESS facility would be composed of lithium-iron phosphate batteries, which can be incredibly dangerous if they overheat, causing the battery to catch fire. Lithium battery fires burn hotter and faster than other fires and cannot be easily extinguished. Lithium batteries can reignite twenty-one (21) days after extinguishing the fire, presenting a long-lasting and persistent threat. Should the lithium batteries overheat and catch fire, the proposed project site's natural vegetation, steep terrain and surrounding landscape pose a significant and immediate fire threat.

In the past ten years, there have been twenty-four (24) wildfires within a five-mile radius of the proposed project site. Given the nature of lithium battery fires, firefighters are forced to take a containment approach. Should a fire break containment, all nearby homes and businesses would be in immediate fire danger. The imminent fire risk posed by the BESS facility threatens residents' safety and further exacerbates the state's homeowner's insurance crisis, making it even more difficult for residents to obtain adequate homeowner's insurance policies, compounding the already dire situation.

In addition to the heightened risk of wildfires, the proposed BESS project site presents significant environmental and public health risks. Lithium batteries emit toxic gases within seconds of igniting, leading to air pollution and public health risks. Any fire, regardless of size generates a significant risk for our first responders' health should this project be approved.

Should first responders quickly extinguish a lithium battery fire, they would be exposed to hazardous toxic gases, which can cause severe debilitating health impacts. If the fire is

not readily extinguished, the toxic gases emitted would generate a significant public health risk for the surrounding communities. Any water or fire extinguishing compounds used to combat the fire will become easily contaminated with heavy metals and absorbed into the region's soil, adversely impacting the local ecosystem and population. The project's close proximity to the Oso and Arroyo Creek waterbed further exacerbates potential water quality issues, contaminating the San Juan Creek Watershed, which flows to the Pacific Ocean just miles away.

Considering these adverse fire, economic, environmental, and public safety risks, the California Energy Commission **MUST REJECT** this project application and unequivocally prioritize public safety and community quality of life. The health and safety of California residents should always take precedence over any potential benefits proposed by this project.

Sincerely,

Leslie Manderscheid, MCRP
6817 E Monaco Pkwy
Orange, CA

Cc: City of Laguna Niguel
City of San Juan Capistrano
County of Orange