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Opposition to Compass storage unit in San Juan Capistrano

Here are my concerns.

Solar storage farms near neighborhoods, schools, and businesses pose several risks

1. Electromagnetic Fields (EMFs): Solar farms, particularly their inverters and transformers, generate low-frequency EMFs. Proximity to sensitive areas like neighborhoods, schools and businesses raise concerns about long-term exposure, especially for children.
2. Fire Hazards: Lithium-ion batteries in energy storage systems can catch fire if damaged or improperly maintained. These fires are difficult to extinguish and may release toxic fumes, posing risks to nearby residents or businesses. A 2023 incident in New York saw a solar battery fire release hazardous smoke, prompting evacuations.
3. Glare and Reflection: Solar panels can reflect sunlight, causing glare that may distract drivers or discomfort residents.
4. Land Use and Environmental Impact: Large solar farms may disrupt local ecosystems, especially if built on undeveloped land. Runoff from panels during rain can carry sediments or chemicals into nearby water sources, potentially affecting communities. Water that runs past this proposed area flows straight to the ocean!
5. Property Value Concerns: Solar farms lower nearby property values due to health and safety risks.
6. Noise Pollution: Inverters and cooling systems can produce noise and can affect quality of life.