

DOCKETED

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TN #:	255791
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**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

April 18, 2024

Notice of Receipt of Opt-In Application for Compass Battery Energy Storage (24-OPT-02)

This letter serves as notification that the California Energy Commission (CEC) has received an opt-in application for the Compass Battery Energy Storage project (24-OPT-02). Compass Energy Storage LLC ("Applicant"), proposes to construct, own, and operate an approximately 250-megawatt (MW) battery energy storage system (BESS) in the city of San Juan Capistrano. The approximately 13-acre project site is located within the northern portion of San Juan Capistrano, adjacent to Camino Capistrano and Interstate-5 to the east. The BESS would be capable of storing up to 250 MW of electricity for four hours (up-to 1,000 MW hours). The proposed Compass Energy Storage project (project) would be composed of lithium-iron phosphate batteries, or similar technology batteries, inverters, medium-voltage transformers, a switchyard, a collector substation, and other associated equipment to interconnect into the existing San Diego Gas & Electric (SDG&E) Trabuco to Capistrano 138-kilovolt transmission line located approximately 500 feet from the project site and approximately 90 feet from the project property. The project would connect to the SDG&E electric transmission system via a proposed loop-in transmission line that would be constructed to transfer power to and from the proposed project. The loop-in transmission line would be supported by the replacement of two existing transmission poles and construction of one new transmission pole. Electric energy would be transferred from the existing power grid to the project batteries for storage and from the project batteries to the power grid when additional electricity is needed. No off-site transmission upgrades are required for the full capacity of this project, and an interconnection agreement with SDG&E and the California Independent System Operator has been executed. Following construction of the switchyard by Compass Energy Storage LLC, ownership and operations would transfer to SDG&E. The Project Description (TN 255535-2) section of the application can be accessed directly at the following link:
<https://efiling.energy.ca.gov/GetDocument.aspx?tn=255535-2&DocumentContentId=91278>.

In 2022, Assembly Bill 205 established a new Opt-In Certification Program for eligible non-fossil-fueled power plants, energy storage, and manufacturing and assembly facilities to optionally seek certification through the CEC. Upon receipt of an application, the CEC has the exclusive authority to certify the site and related facility. With certain exceptions, the issuance of a certificate by the CEC is in lieu of any permit, certificate,

or similar document required by any state, local, or regional agency, or federal agency to the extent permitted by federal law, and supersedes any applicable statute, ordinance, or regulation of any state, local, or regional agency, or federal agency to the extent permitted by federal law. The CEC is the lead agency under the California Environmental Quality Act and is required to prepare an environmental impact report for any facility that elects to opt into the CEC's jurisdiction.

The CEC provides the following notice pursuant to Public Resources Code, section 25545.8, which states that certain subsections of Public Resources Code, section 25519 are applicable. Section 25519(g) of the Public Resources Code states, in part: "The commission shall transmit a copy of the application to each federal and state agency having jurisdiction or special interest in matters pertinent to the proposed site and related facilities *and to the Attorney General.*" (emphasis added)

The CEC has set up a web page for the project at the following link:
<https://www.energy.ca.gov/powerplant/battery-storage-system/compass-battery-energy-storage>

The documents which comprise the opt-in application can be found in the project docket, which is accessible via the project webpage or directly at the following link:
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=24-OPT-02>

Feel free to reach out to us directly via email if you have any questions about this notice. Thank you.

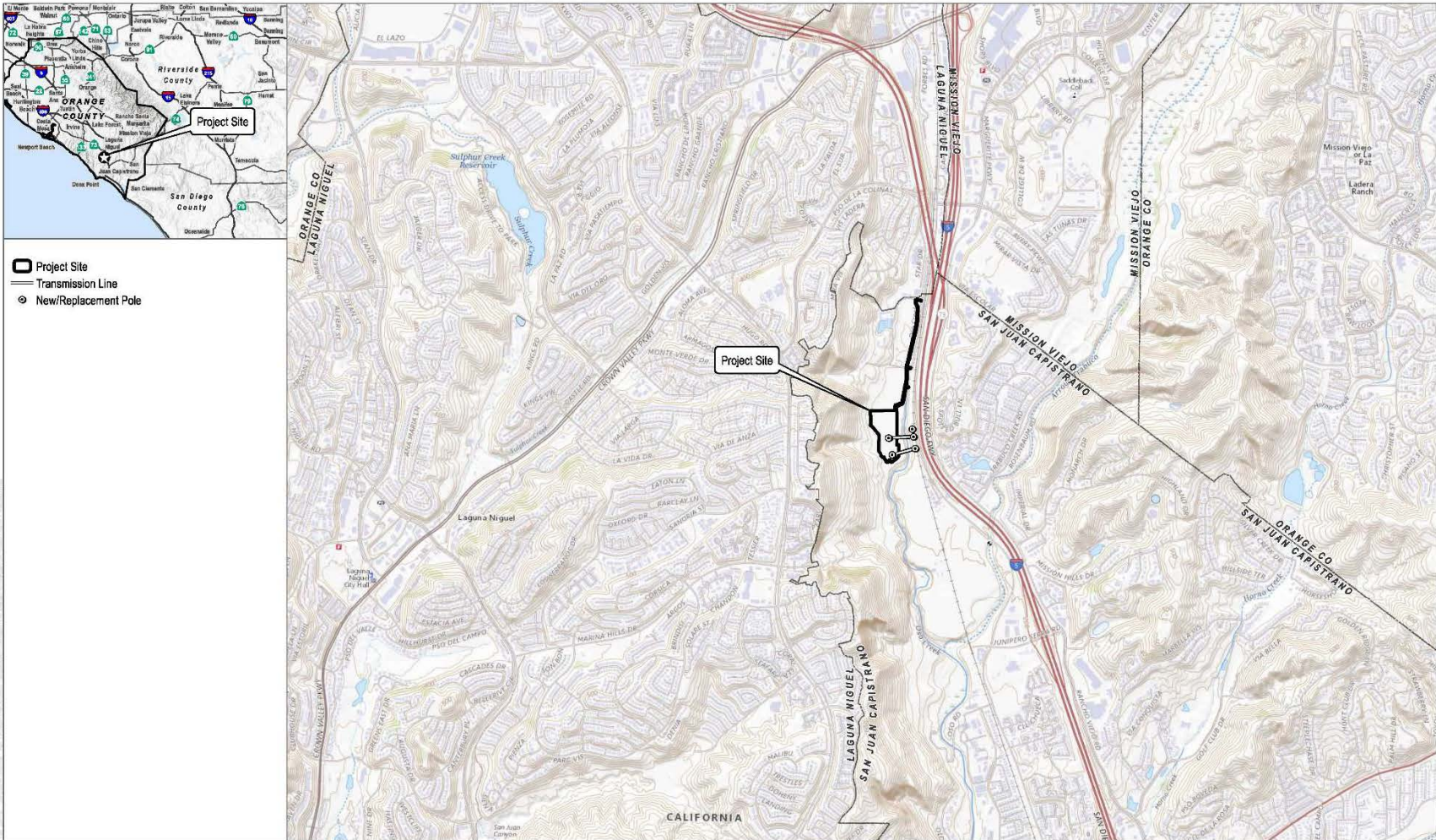
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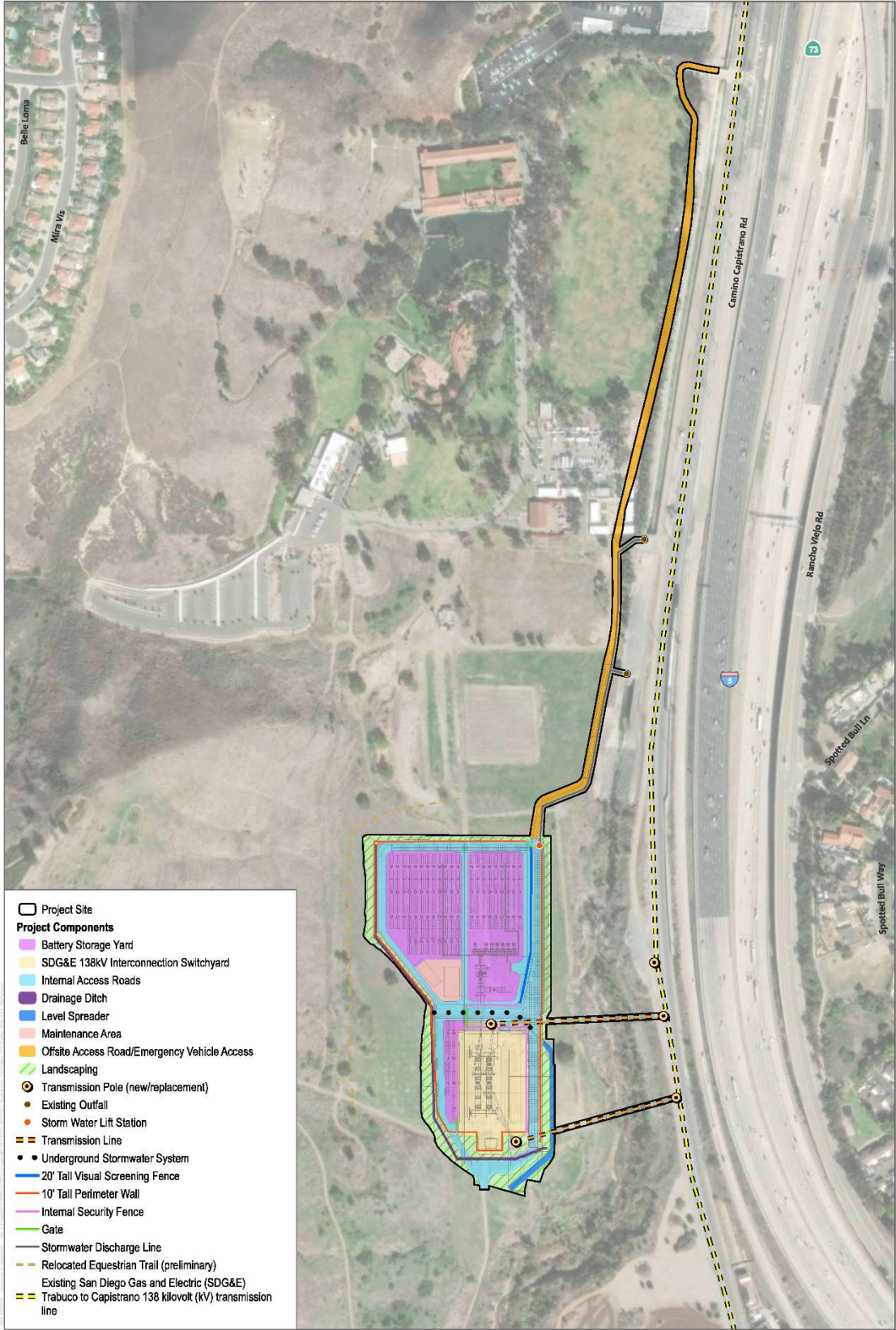
Enclosures: Figure 1-1 Project Vicinity (from application, TN 255535-1)
Figure 2-1 Site Plan (from application TN 255535-2)



SOURCE: USGS National Map 2023



FIGURE 1-1
Project Vicinity
 Compass Energy Storage Project



- Project Site
- Project Components**
- Battery Storage Yard
- SDG&E 138kV Interconnection Switchyard
- Internal Access Roads
- Drainage Ditch
- Level Spreader
- Maintenance Area
- Offsite Access Road/Emergency Vehicle Access
- Landscaping
- Transmission Pole (new/replacement)
- Existing Outfall
- Storm Water Lift Station
- Transmission Line
- Underground Stormwater System
- 20' Tall Visual Screening Fence
- 10' Tall Perimeter Wall
- Internal Security Fence
- Gate
- Stormwater Discharge Line
- Relocated Equestrian Trail (preliminary)
- Existing San Diego Gas and Electric (SDG&E)
- Trabuco to Capistrano 138 kilovolt (kV) transmission line

SOURCE: Bing Maps 2023; Stargen & Lumdy 2023



FIGURE 2-1

Site Plan

Compass Energy Storage Project