DOCKETED	
Docket Number:	25-OPT-02
Project Title:	Prairie Song Reliability Project
TN #:	264674
Document Title:	CPUC Notification of Application Receipt for Prairie Song Reliability Project (25-OPT-02)
Description:	Distributed via email on July 11, 2025. Includes question regarding necessity of certificate of public convenience and necessity (CPCN)
Filer:	Kaycee Chang
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	7/11/2025 1:24:50 PM
Docketed Date:	7/11/2025

July 11, 2025

Notice of Receipt of Opt-In Application for Prairie Song Reliability Project (25-OPT-02)/ Question regarding necessity of certificate of public convenience and necessity (CPCN)

Dear Elaine Sison-Lebrilla,

The purpose of this letter is to serve notice of the California Energy Commission's (CEC) receipt of an application for the proposed Prairie Song Reliability Project and to determine whether the proposed site and related facility will require a certificate of public convenience and necessity (CPCN). The proposed project is being processed under the CEC's Opt-In licensing authority established by Assembly Bill (AB) 205 and the associated emergency regulations. AB 205 added sections 25545-25545.13 to the Public Resources Code, which expanded the CEC's existing power plant licensing authority by allowing specified clean energy projects to optionally seek consolidated permitting at the CEC by June 30, 2029.

Public Resources Code, section 25545.8, states that subdivision (j) of section 25519 is applicable to Opt-in applications. Accordingly, for any facility requiring a CPCN, the CEC shall transmit a copy of the application to the California Public Utilities Commission (CPUC) and request the comments and recommendations of the CPUC. The CEC is the lead agency under the California Environmental Quality Act for the project.

Prairie Song Reliability Project, LLC (applicant), proposes to construct, own, and operate the Prairie Song Reliability Project. The project is a 1,150-megawatt (MW), approximately 9,200-megawatt hour (MWh), battery energy storage system that would be constructed on privately owned land in the Antelope Valley of northern Los Angeles County. The energy storage project includes the containerized battery energy storage system with individualized fire prevention systems, a project substation, inverters, and other appurtenant facilities, such as fencing, operations and maintenance buildings, stormwater retention and infiltration basins, and communication systems. The project would connect to the existing Southern California Edison (SCE) Vincent Substation via either a 1.1-mile or a 1.8-mile generation intertie (gen-tie) line route, installed overhead using monopoles and steel lattice towers.

The new single-circuit 500 kilovolt (kV) gen-tie line would be within an up-to 150-foot-wide corridor between the project substation and the SCE Vincent Substation. The applicant would construct and own the portion of the gen-tie line between the project substation and the Point of Change of Ownership (POCO) transmission structure (see Figure 2-1, Project Site Plan, site layout Pole 10, below), and **SCE would construct and own the remaining portion of the gen-tie from the POCO to the Point of Interconnection (POI) within the Vincent Substation**. The project's transmission and interconnection facilities would include the following components:

- 500 kV Gen-Tie Line including Transmission Structures and Conductors
- Fiber Optic Telecommunications Utility Poles and Fiber Optic Lines
- Access Paths
- Temporary Work Areas
- Interconnection Facilities within Existing SCE Vincent Substation Footprint (SCE constructed and owned)

According to the applicant, no off-site network upgrades are required for the project to provide full capacity to the California Independent System Operator.

As stated in the application, the project would store electricity from the power grid, providing additional capacity to the electrical grid to assist with serving load during periods of peak demand by charging when demand is low and discharging when demand is high. The project would also serve as an additional local/regional capacity resource that would enhance grid reliability, particularly to the Los Angeles Basin local reliability area, and may allow for the deferral or avoidance of regional transmission facilities.

The Project Description (TN 264413) section of the application can be accessed at the following link:
https://efiling.energy.ca.gov/GetDocument.aspx?tn=264413&DocumentContentId=101199.

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

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=25-OPT-02.

We would appreciate knowing as soon as possible whether a CPCN will be required for the proposed project's gen tie line to connect to the SCE Vincent Substation. Please reach out if you have any questions. Thank you.

Lisa Worrall
Project Manager
California Energy Commission

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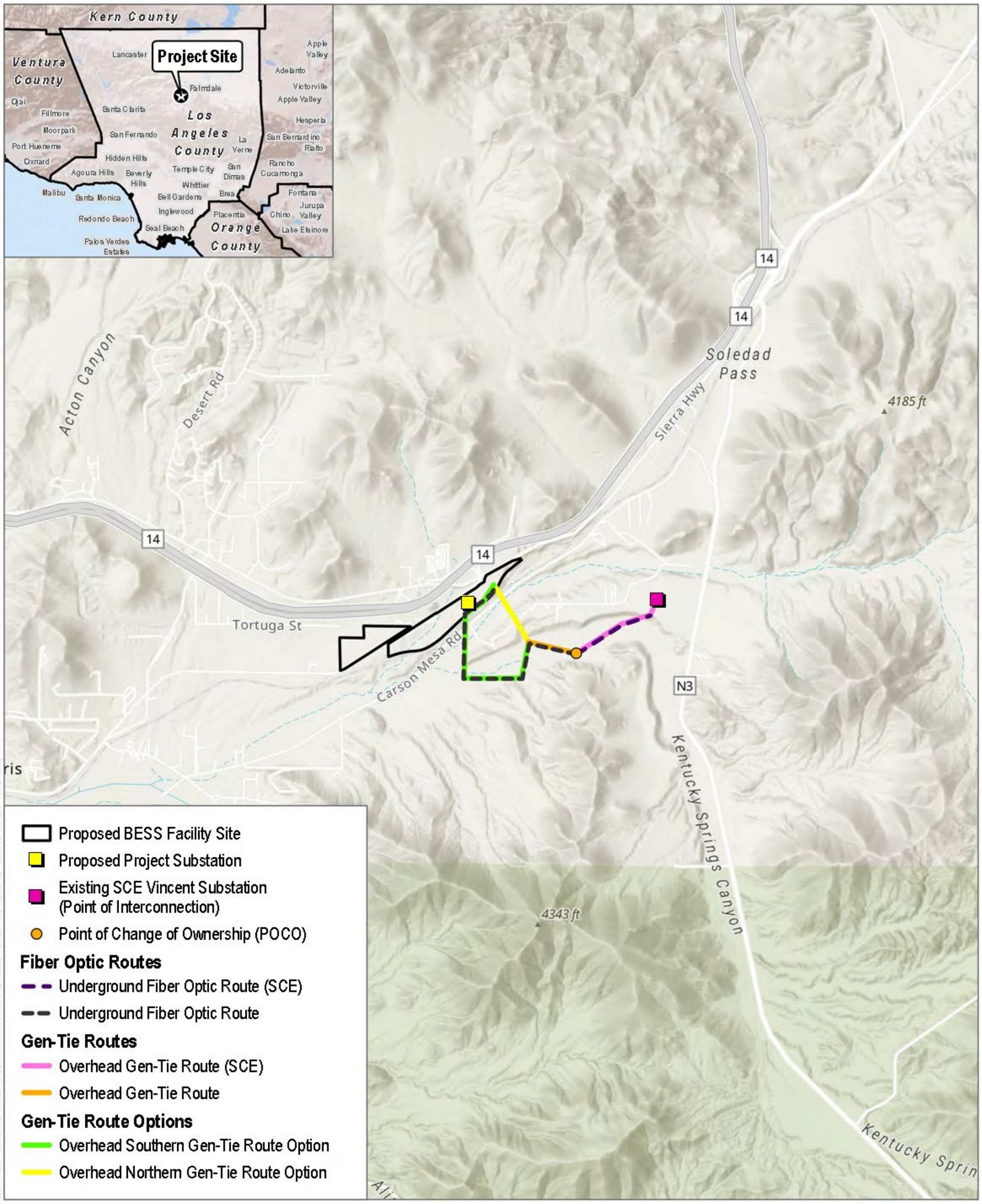
Enclosures: Figure 1-1 Regional Map (from application, TN 264413)
Figure 1-3 Site Layout (from application, TN 264413)
Figure 2-1 Project Site Plan (from application, TN 264413)



SOURCE: World Topographic

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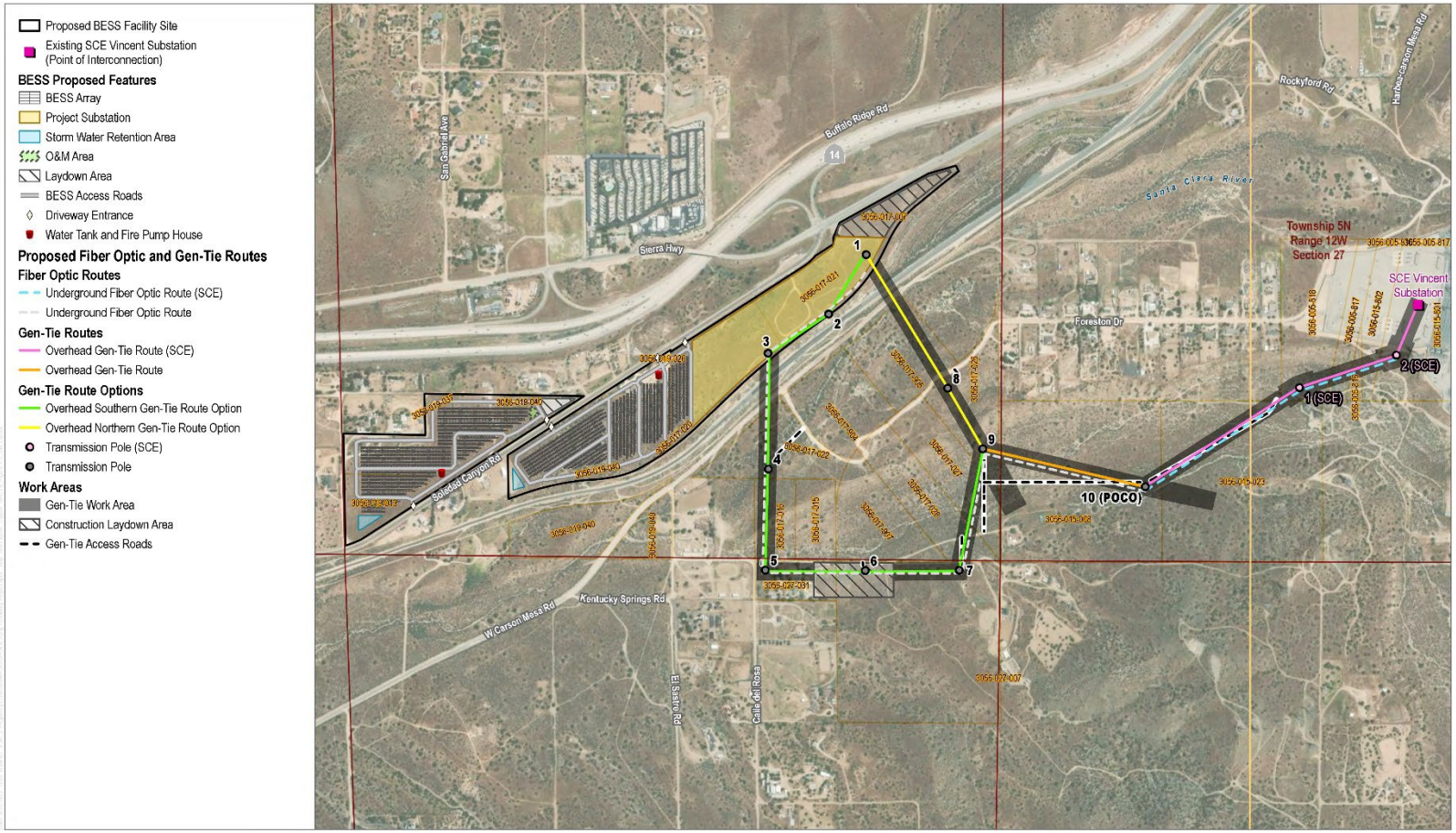
FIGURE 1-1

Regional Map

Prairie Song Reliability Project



SOURCE: World Imagery

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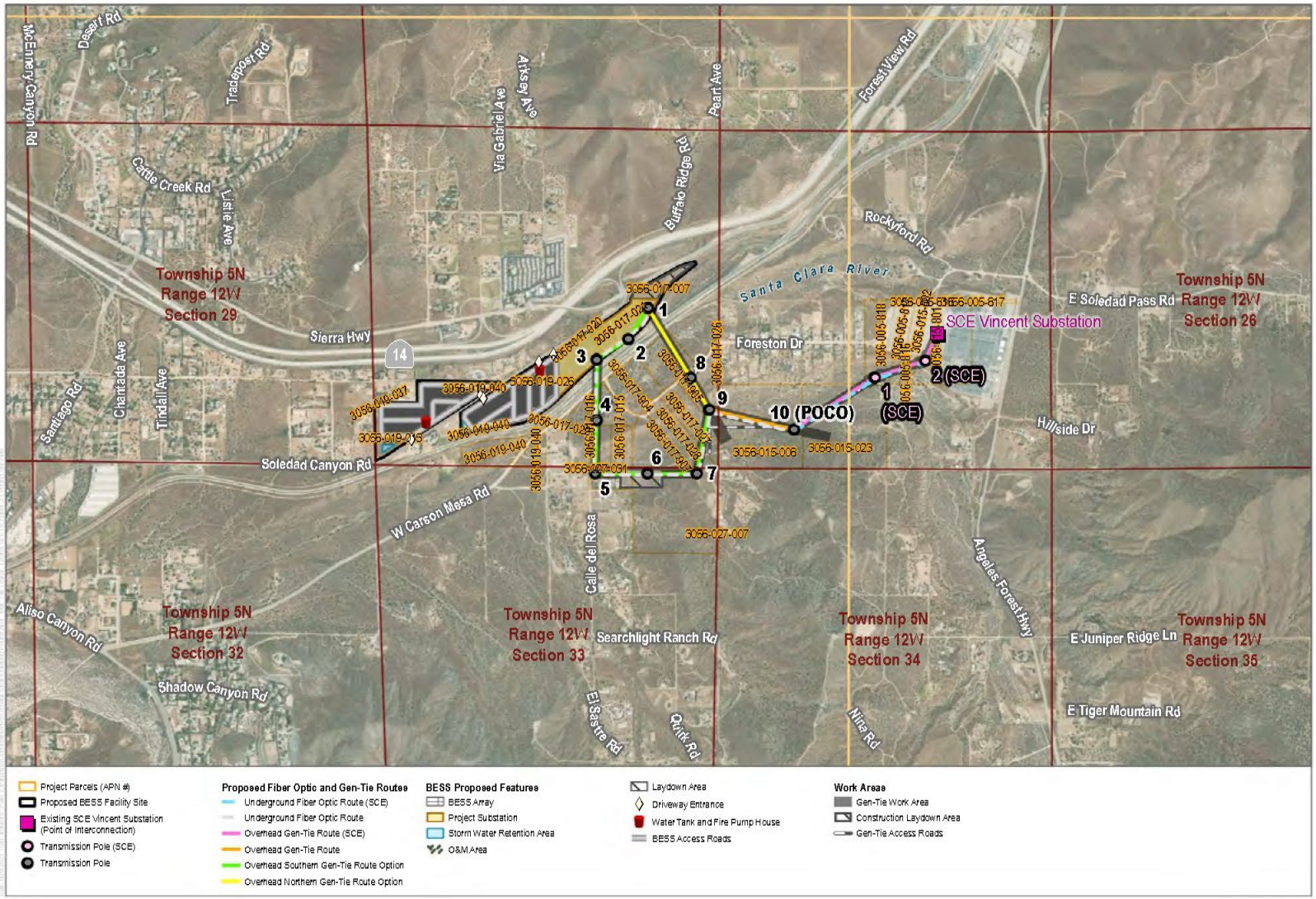
0 360 720 Feet

FIGURE 1-3

Site Layout

Prairie Song Reliability Project



SOURCE: World Imagery; Los Angeles County
Acton & Pacifico Mountain Quadrangle

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0 500 1,000 Feet

FIGURE 2-1

Project Site Plan

Prairie Song Reliability Project