

DOCKETED

Docket Number:	03-AFC-02C
Project Title:	Los Esteros Phase II Compliance
TN #:	271482
Document Title:	LECEF Tanager BESS_Data Response Set 4B
Description:	LECEF Tanager BESS_Data Response Set 4B
Filer:	Jeffery D. Harris
Organization:	Climate Edge Law Group
Submitter Role:	Applicant Representative
Submission Date:	7/15/2026 4:14:26 PM
Docketed Date:	7/15/2026

**Petition for Post-Certification Modification
Tanager Battery Energy Storage System Project**

Data Response Set 4B

**Los Esteros Critical Energy Facility
03-AFC-02C**

Submitted to
California Energy Commission

Submitted by
Los Esteros Critical Energy Facility, LLC

July 2026

LOS ESTEROS CRITICAL ENERGY FACILITY (03-AFC-02C)

Petition for Modification- Tanager BESS Project

DATA RESPONSE SET 4B

Los Esteros Critical Energy Facility (LECEF), LLC, on behalf of Tanager Power, LLC, provides the following responses to the California Energy Commission (CEC) Staff's Data Requests Set 4. These responses address Data Requests A82 through A86 and supplement *Data Response Set 4A*¹ for the Tanager Battery Energy Storage System (BESS).

The responses are grouped by individual discipline or topic area. Within each discipline area, the responses are presented in the same order as presented in CEC Staff's Data Requests Set 4 and are keyed to the Data Request numbers.

LAND USE

A82. *Provide a description and a revised plan view or new map on an in-focus aerial photo base showing the setbacks for the BESS site. Please show and label the project site boundary.*

RESPONSE: See Figures DRA82-1 and DRA82-2, which show the revised plan view over an in-focus aerial imagery base and depict the setbacks for the BESS site and project boundary.

A83. *Describe the type and height of the security wall or fence that would border the BESS facility, and please add it to the revised plan view or new map. (Also refer to the Visual Resources data request below regarding a perimeter wall.)*

RESPONSE: See Figures DRA82-1 and DRA82-2, which show the revised plan view and site boundaries over an in-focus aerial imagery base for the BESS site.

At this time, the project design includes a six foot noncombustible perimeter security barrier. The proposed perimeter security barrier will consist of a concrete masonry unit (CMU) wall along the southern project boundary and anon-scalable aluminum or similar fencing system along the remaining project perimeter.

A84. *Provide a map on an in-focus aerial photo base with existing and proposed site entrance and exit roads and the proposed internal road with these features labeled. Please show and label adjacent roadways that would connect to site entrances and exits. This map content can be added to the map requested above showing the project site boundary, setbacks, and the security wall or fence.*

RESPONSE: See Figures DRA82-1 and DRA82-2, which show the revised plan view over an in-focus aerial imagery base for the BESS site. These figures depict the existing and proposed site entrance and exit roads, proposed internal roads, and adjacent roadways that connect to site entrances and exits.

¹ TN: 271385.

LOS ESTEROS CRITICAL ENERGY FACILITY (03-AFC-02C)

Petition for Modification- Tanager BESS Project

DATA RESPONSE SET 4B

A85. *Provide a revised plan view or new map on an in-focus aerial photo base showing the proposed gen-tie line in greater detail, including above-ground segments and the estimated disturbance area for construction. Please include parcel boundaries.*

RESPONSE: See Figures DRA82-1 and DRA82-2, which show the revised plan view, including proposed gen-tie line, over an in-focus aerial imagery base for the BESS site. The proposed 230 kV gen-tie line extends approximately 0.3 miles and assumes an approximately 125-foot-wide gen-tie right-of-way (ROW) as the basis for estimating potential worst-case construction disturbance. Based on these assumptions, the estimated gen-tie corridor disturbance area is approximately 4.5 acres (0.3 mile $\times$ 125 feet wide), representing the gross ROW/survey area.

The actual construction disturbance area is anticipated to be substantially less than the conservative ROW-based estimate. The 4.5-acre estimate is included as a worst-case scenario for planning purposes.

The gen-tie line is proposed along the eastern edge of the BESS site and extends north to connect to the Los Esteros Substation. A small portion of the gen-tie alignment will be installed underground, while the remaining segments will be above ground. Figures DRA82-1 and DRA82-2 provide additional detail regarding the gen-tie alignment, including labeling of the above-ground and below-ground segments. The parcel boundary is also labeled on both figures.

A86. *Provide the type and estimated number and heights of transmission poles.*

RESPONSE: Based on preliminary 230 kilovolt (kV) overhead transmission design assumptions, the proposed configuration for the type and estimated number and heights of transmission poles would be:

Table A86-1. Estimated Type, Estimated Number, and Heights of Transmission Poles

Item	Estimated Value for Tanager BESS Gen-Tie
Voltage	230 kV
Structure type	Steel monopole transmission structures
Gen-tie length	~0.3 miles (~1,500 feet)
Estimated number of overhead structures	Three poles, as shown in Fig DRA82-1, plus one H-frame in the substation footprint
Pole height	Approximately 110-120 feet

PRELIMINARY LAYOUT



LEGEND

- Proposed 230kV Structure
- — Proposed 230kV ROW
- Proposed 230kV Above Ground Alignment
- Proposed 230kV Below Ground Alignment
- Proposed Masonry Wall
- Proposed Fenceline
- Proposed Substation Footprint
- Proposed BESS Footprint
- Proposed Aux Equipment
- Proposed Roads
- ▤ Proposed Retention Pond
- Property Boundary

Source: Aerial Imagery (Santa Clara County Nov 28, 2024); AECOM; ALTA Survey; Parcel Boundary (ReGrid 2026).

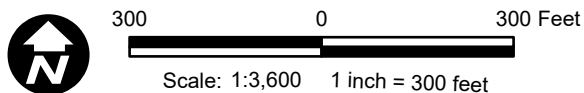
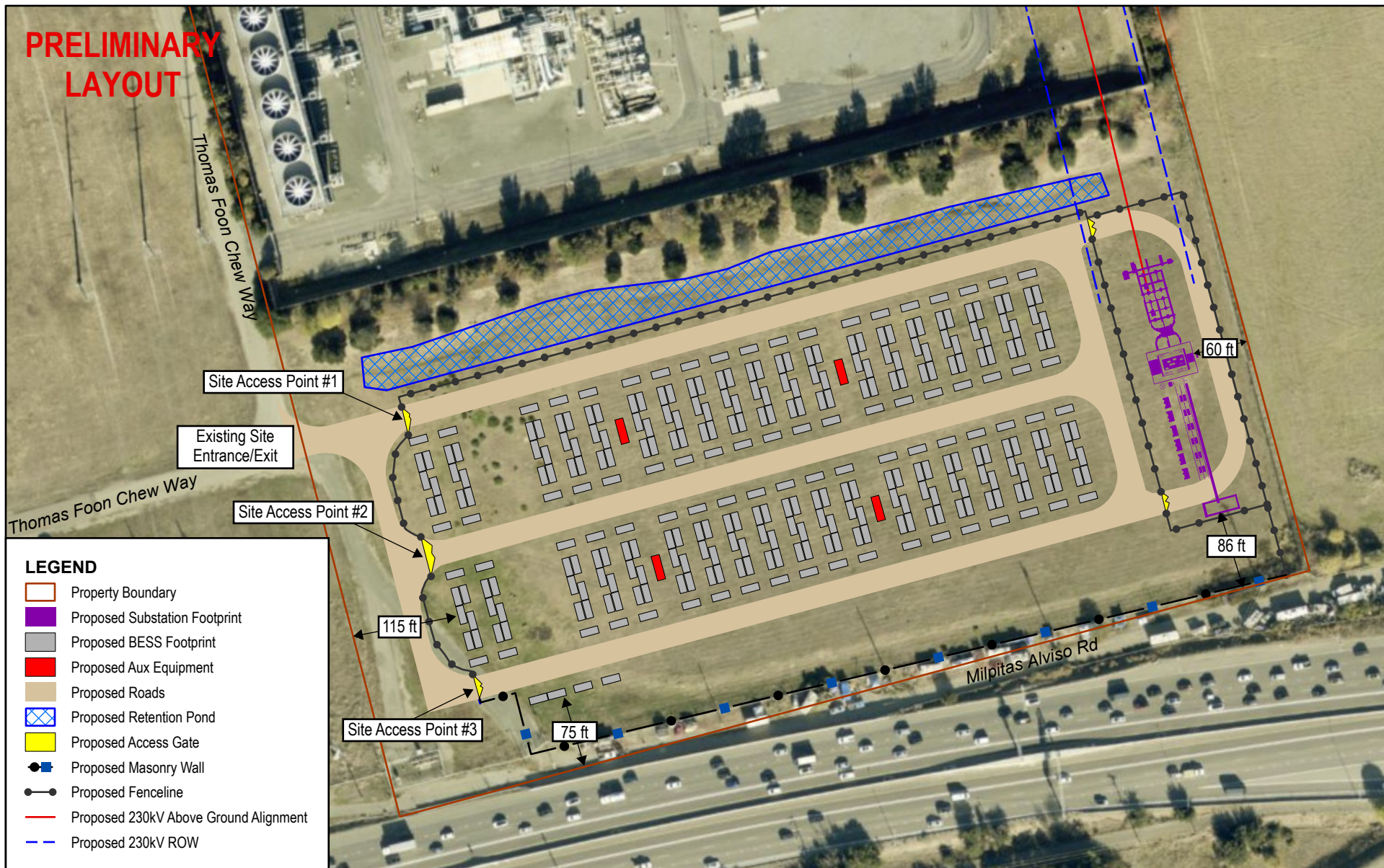


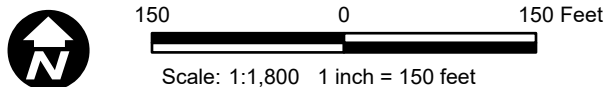
FIGURE DRA82-1
SITE MAP
 LOS ESTEROS TANAGER BESS PROJECT
 03-AFC-02C

DATE: 7/14/2026



Source: Aerial Imagery (Santa Clara County Nov 28, 2024); AECOM; ALTA Survey; Parcel Boundary (ReGrid 2026).

**FIGURE DRA82-2
BESS SITE MAP**



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