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CEC Data Request Response #3

Compass Battery Energy Storage Project

NOVEMBER 2024

Prepared for:

CALIFORNIA ENERGY COMMISSION

Prepared by:

COMPASS ENERGY STORAGE LLC

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ATTACHMENTS

- 1 Updated Aquatic Resources Delineation Report
- 2 Updated Built Environment Inventory and Evaluation Report

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1 Introduction

On October 7, 2024, Compass Energy Storage LLC and Affiliates (Applicant) received a Determination of Incomplete Application and Request for Information from the California Energy Commission (CEC) for the Compass Battery Energy Storage Project (Docket Number 24-OPT-02) in response to the first and second set of data responses. The following document provides the Applicant’s third set of responses to the Data Requests received from CEC. Table 1 lists all Data Requests for which a response is provided in Response Set #3.

Please note that some data requests have not been addressed in Response Set #3. A subsequent data request response will be provided to CEC in response to these data requests.

Table 1. Data Responses Included

| Data Request Resources Area | Data Request Number |
|---|---------------------|
| Mandatory Opt-In Requirements | Pending |
| Greenhouse Gas Emissions (Climate Change) | REV 1 DR GHG-1 |
| Alternatives | Pending |
| Biological Resources | REV 1 DR BIO-1 |
| Cultural and Tribal Cultural Resources | REV 1 DR CUL/TRI-1 |
| Hazardous Materials Handling | Pending |
| Traffic and Transportation | Pending |
| Visual Resources | Pending |
| Wildfire | Pending |
| Worker Safety | Pending |

The responses are grouped by individual discipline or topic area and are presented in the same order and with the same numbering provided by CEC. New or revised graphics, tables, or attachments are provided throughout and as appendices to this document. The responses included in this document are considered complete responses to the corresponding Data Requests.

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2 Greenhouse Gas Emissions (Climate Change)

2.1 Data Request REV 1 DR GHG-1

REV 1 DR GHG-1: Please identify the insulating gas to be used in the proposed circuit breakers and gas-insulated switchgear, specify its global warming potential (GWP), and provide greenhouse gas emissions due to leakage of the proposed insulating gas.

Response: The project will utilize Meiden dry air insulated circuit breakers, which use dry air as an insulating medium in place of sulfur hexafluoride. There is no global warming potential for dry air and therefore no greenhouse gas emission associated with this source.

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3 Biological Resources

3.1 Data Request REV 1 DR BIO-1

REV 1 DR BIO-1: Please confirm if the *Artemisia Californica* Association is located within the biological survey area as located in Figure 4A Biological Resources. If this community is located within the biological survey area, please provide an updated Figure 4A that accurately depicts the location of the *Artemisia Californica* Association. If this community is not located within the biological survey area, please provide a description of its location in relation to the project site and biological survey area.

Response: The discussion of *Artemisia californica* Association in the aquatic resources delineation report (ARDR) is a leftover community description from the previous project alignment that was larger than the current alignment. This vegetation community no longer falls within the boundaries of the project site or survey area and will not be impacted by the project. The vegetation community description in Section 5.4 of the ARDR has been updated to reflect the correct location description of the community in relation to the survey area. The updated ARDR is included as Attachment 1.

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4 Cultural and Tribal Cultural Resources

4.1 Data Request REV 1 DR CUL/TRI-1

REV 1 DR CUL/TRI-1: Appendix B of the Built Environment Inventory and Evaluation Report (TN 258769) includes recordation of multiple resources built at different times (over a 40+year period) by different owners, located on different APNs, in a single DPR 523 form. This includes the Petitfils Ranch and Trails, the Pool House and Swimming Pool, the Manmade Lake, the former Loughridge Ranch Residence, and the Saddleback Church Rancho Capistrano Main Office building (MAP ID 5a-e). This does not conform with Archaeological Resource Management Reports Guidelines (OHP 1990, pp. 12 and 20) or with OHP's Instructions for Recording Historical Resources (OHP 1995, pp. 4 and 5). Please record each resource on separate DPR 523 forms.

Response: The buildings and structures have been separated into individual Department of Parks and Recreation (DPR) 523 forms. The descriptions and evaluations within Section 4.7 of the built environment inventory and evaluation report have been separated as well. Please refer to Attachment 2, which includes the updated built environment inventory and evaluation report with the individual DPR 523 forms in Appendix B. No significant impact to the built environment was identified in the updated built environment inventory and evaluation report.

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