

DOCKETED

Docket Number:	24-OPT-02
Project Title:	Compass Energy Storage Project
TN #:	259469
Document Title:	Determination of Incomplete Application and Request for Information for the Compass Energy Storage Project
Description:	N/A
Filer:	Lisa Worrall
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	10/7/2024 8:29:59 AM
Docketed Date:	10/7/2024



**CALIFORNIA
ENERGY COMMISSION**



**CALIFORNIA
NATURAL
RESOURCES
AGENCY**

October 7, 2024

Renée L. Robin, J.D.
Director, Permitting & Planning
Engie North America LLC
1360 Post Oak Blvd Ste 400
Houston, Texas 77056

Determination of Incomplete Application and Request for Information for the Compass Energy Storage Project (24-OPT-02)

Dear Renée L. Robin, J.D.,

In compliance with California Code of Regulations, title 20, section 1878(b), this letter is to notify you that the California Energy Commission (CEC) staff has completed its review of the Compass Energy Storage Project LLC's most recent supplemental application filings and all prior project application submittals pursuant to Public Resources Code, section 25545.4(a). Based on this review, the CEC staff has determined that the submitted application is still incomplete in 12 categories as identified in Attachment A.

Under Public Resources Code, section 25545.4(b), the CEC staff requests the information described in Attachment B to this determination letter. Attachment B consists of requests for additional information needed for staff to complete its environmental analysis of the proposed project, which includes input from partner agencies who have a memorandum of understanding with the CEC to perform a related review for opt-in applications. Staff's review of the data responses and Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023) has identified some topics that need to be addressed in the application such as site access (including the need for a secondary road for emergency access). These topics are described in Attachment B: REV 1 Data Requests.

All the requested information is based upon prior data requests that were not adequately responded to by the applicant or based upon data request responses that triggered a need for follow up questions. This information is reasonably necessary to prepare an Environmental Impact Report as part of a CEC Staff Assessment and to

support a decision on the application, including all the findings required in Chapter 6.2 of Division 15 of the Public Resources Code (Sections 25545 et seq.).

Staff asks the applicant to file complete responses by technical area to the requested data in as few submittals as possible and provide an estimated timeline of when the remaining data will be submitted. Staff asks that upon submitting complete responses, the applicant provide a statement that its response to the request for information is complete and addresses all identified deficiencies.

Consistent with Public Resources Code, section 25545.4(c)(2) and California Code of Regulations, title 20, section 1878, upon receipt of all information responsive to this request, CEC staff will finalize review of the information provided and document its determination regarding application completeness in a subsequent letter.

If you have any questions about this letter, please email Renee Longman, project manager, at renee.longman@energy.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Drew Bohan', with a stylized flourish at the end.

Drew Bohan
Executive Director

Attachments

Attachment A: REV 1 Data Completeness Worksheets for Title 20, section 1877

Attachment B: REV 1 Data Requests

Compass Battery Energy Storage System (24-OPT-02) Completeness Review

Incomplete

1. Mandatory Opt-in Requirements
2. Air Quality (includes Greenhouse Gases)
3. Alternatives
4. Biological Resources
5. Cultural/Tribal Cultural Resources
6. Executive Summary
7. Hazardous Materials Handling
8. Project Description
9. Traffic and Transportation
10. Visual Resources
11. Wildfire
12. Worker Safety

Complete

1. Efficiency, Energy, and Energy Resources
2. Geological Hazards
3. Facility Design
4. Land Use
5. Noise
6. Paleontological Resources
7. Public Health
8. Reliability
9. Socioeconomics
10. Soils
11. Transmission System Safety and Nuisance
12. Transmission System Design
13. Waste Management
14. Water Resources

Attachment A

REV 1 Data Completeness Worksheets
for Title 20, section 1877

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
AUTHORITY AND VERIFICATION				
Cal. Code Regs., tit. 20 § 1707	Every notice and application shall be dated and signed by the applicant attesting under penalty of perjury to its truth and accuracy.	Application Submittal Cover Letter and Crosswalk Matrix	Yes	
"FACILITY" OR "DISCRETIONARY PROJECT" DEFINITION MET				
Cal. Code Regs., tit. 20, § 1877(b); Pub. Resources Code, § 25545(b)	Explanation of how the facility meets one or more of the definitions of "facility":	--	--	--
Cal. Code Regs., tit. 20, § 1877(b); Pub. Resources Code, § 25545(b)(4)	If the opt-in application is seeking certification for a discretionary project pursuant to Public Resources Code section 25545(b)(4), the application shall contain a detailed description of how the facility meets the criteria specified in section 25545(b)(4) including, as applicable, what the facility would manufacture, produce, or assemble, and how the facility's products or services would be used in the manufacture, production, or assembly of (1) energy storage systems or component manufacturing, (2) wind systems or component manufacturing, (3) solar photovoltaic energy systems or component manufacturing, or (4)	Section 1, Subsection 1.1, p. 1-1; Subsection 2.1 to Subsection 2.2.5, pp. 2-1 to 2-4; Appendix 4-10A, Table A-3	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	specialized products, components, or systems that are integral to renewable energy or energy storage technologies.			
REQUIREMENTS FOR COVERED PROJECT UNDER THE LABOR CODE				
Cal. Code Regs., tit. 20, § 1877(c)	Certifications required by Public Resources Code sections 25545.3.3 and 25545.3.5.	Appendix 1D	Yes	
Pub. Resources Code, § 25545.3.3	Certification that the applicant will meet the requirements of a covered project and the commission shall make the requirements a condition of certification. Include the applicant's certification that either of the following is true:	--	--	--
Pub. Resources Code, § 25545.3.3(a)	The entirety of the construction of the covered project is a public work.	N/A	N/A	N/A
Pub. Resources Code, § 25545.3.3(b)	The construction of the covered project is not in its entirety a public work for which prevailing wages must be paid, but all construction workers employed on the project will be paid at least the general prevailing rate of per diem wages for the type of work and geographic area, pursuant the Labor Code sections 1773 and 1773.9, except that apprentices registered in programs approved by the Chief of the	--	--	--

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	Division of Apprenticeship Standards may be paid at least the applicable apprentice prevailing rate. For portions of the project that are not a public work, all of the following apply:			
Pub. Resources Code, § 25545.3.3(b)(1)	Applicant ensures that the prevailing wage requirement is included in all contracts for the performance of all construction work.	Appendix 1C	Yes	
Pub. Resources Code, § 25545.3.3(b)(2)	Contractors and subcontractors must pay all construction workers employed in the construction of the project at least the general prevailing rate of per diem wages, except that apprentices registered in programs approved by the Chief of the Division of Apprenticeship Standards may be paid at least the applicable apprentice prevailing rate.	Appendix 1C 1 (b)	Yes	
Pub. Resources Code, § 25545.3.3(b)(3)	Contractors and subcontractors performing construction work on the project shall employ apprentices at no less than the ratio required in the Labor Code section 1777.5.	Appendix 1C 1(c)	Yes	
Pub. Resources Code, § 25545.3.3(b)(4)	Except as provided in (b)(6), all contractors and subcontractors performing construction work shall maintain and verify payroll records pursuant the Labor Code section 1776,	Appendix 1C 1(d)	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: **Mandatory Opt-In Requirements**

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	make those records available for inspection and copying, and furnish those payroll records to the Labor Commissioner pursuant to the Labor Code section 1771.4.			
Pub. Resources Code, § 25545.3.3(b)(5)	Except as provided in (b)(6), the pay prevailing wage provisions listed within this section may be enforced by the Labor Commissioner through the issuance of a civil wage and penalty assessment pursuant to the Labor Code sections 1741, 1742, 1771.2, and 1742.1.	Appendix 1C 1(e)	Yes	
Pub. Resources Code, § 25545.3.3(b)(6)	Paragraphs (b)(4) and (b)(5) do not apply if all contractors and subcontractors performing construction work on the project are subject to a project labor agreement. The project labor agreement shall include, but not be limited to, the following:	--	--	--
Pub. Resources Code, § 25545.3.3(b)(6)(A)	Provisions requiring payment of prevailing wages to all construction workers employed in the construction of the project and for enforcement of that obligation through an arbitration procedure.	Appendix 1C 1(f)(i)	Yes	
Pub. Resources Code, §	Targeted hiring provisions, including a targeted hiring plan, on a craft-by-craft basis to address job access for local,	Appendix 1C 1(f)(ii)	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
25545.3.3(b)(6)(B)	disadvantaged, or underrepresented workers, as defined by arelevant local agency.			
Pub. Resources Code, § 25545.3.3(b)(6)(C)	Apprenticeship utilization provisions that commit all parties to increasing the share of work performed by state-registered apprentices above the state-mandated minimum ratio required in the Labor Code section 1777.5.	Appendix 1C 1(f)(iii)	Yes	
Pub. Resources Code, § 25545.3.3(b)(6)(D)	Apprenticeship utilization provisions that commit all parties to hiring and retaining a certain percentage of state-registered apprentices that have completed the Multi-Craft Core pre-apprenticeship training curriculum referenced in the Unemployment Insurance Code section 14005(t).	Appendix 1C 1(f)(iv)	Yes	
Pub. Resources Code, § 25545.3.5	Certify that a skilled and trained workforce will be used to perform all construction work on the project and all of the following apply:	--	--	--
Pub. Resources Code, § 25545.3.5(a)	Require in all contracts for the performance of work that every contractor and subcontractor at every tier will individually use a skilled and trained workforce to construct the project.	Appendix 1C 2(a)	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Pub. Resources Code, § 25545.3.5(b)	Every contractor and subcontractor must use a skilled and trained workforce to construct the project.	Appendix 1C 2(b)	Yes	
Pub. Resources Code, § 25545.3.5(c)	Except as provided in (e), contractors and subcontractors that fail to use a skilled and trained workforce shall be subject to the penalties provided in the Public Contract Code section 2603.	Appendix 1C 2(c)	Yes	
Pub. Resources Code, § 25545.3.5(d)	Except as provided in (e), the applicant must retain records, including copies of monthly reports, that demonstrate compliance with the Public Contract Code section 2600 while the project or contract is being performed and for three years after completion of the project or contract. The applicant must submit these records immediately upon request of the commission. When submitted to the commission, these records shall be a public record under the California Public Records Act and shall be open to public inspection.	Appendix 1C 2(d)	Yes	
Pub. Resources Code, § 25545.3.5(e)	(c) and (d) do not apply if all contractors and subcontractors performing work on the project are subject to a project labor agreement. The project labor agreement shall also include, but not be limited to, all of the following:	--	--	--

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Pub. Resources Code, § 25545.3.5(e)(1)	Provisions requiring compliance with the skilled and trained workforce requirement and for enforcement of that obligation through an arbitration procedure.	Appendix 1C 2(e)(i)	Yes	
Pub. Resources Code, § 25545.3.5(e)(2)	Targeted hiring provisions, including a targeted hiring plan, on a craft-by-craft basis to address job access for local, disadvantaged, or underrepresented workers, as defined by a local agency.	Appendix 1C 2(e)(ii)	Yes	
Pub. Resources Code, § 25545.3.5(e)(3)	Apprenticeship utilization provisions that commit all parties to increasing the share of work performed by state-registered apprentices above the state-mandated minimum ratio required in the Labor Code section 1777.5.	Appendix 1C 2(e)(iii)	Yes	
Pub. Resources Code, § 25545.3.5(e)(4)	Apprenticeship utilization provisions that commit all parties to hiring and retaining a certain percentage of state-registered apprentices that have completed the Multi-Craft Core pre-apprenticeship training curriculum referenced in the Unemployment Insurance Code section 14005(t).	Appendix 1C 2(e)(iv)	Yes	
PERMIT APPLICATIONS SUBMITTED (LOCAL, STATE, AND FEDERAL)				
Cal. Code Regs., tit. 20, § 1877(d)	A discussion of whether the applicant has submitted any local, state, or federal permit applications. For any required permit that has not yet been	Subsection 4.1.2, p. 4.1-1, Subsection 4.1.4.2, p. 4.1-9, Subsection 4.1.7.5, p. 4.1-23; Subsection	No <u>Yes</u>	See DR AQ-7, DR BIO-6, DR BIO-9, DR CUL/TRI-17, DR CUL/TRI-19, DR LAND-6, DR LAND-7, DR PH-3, DR TSD-8, DR VIS-22

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	submitted to the relevant state agency, include a plan for submitting the application and any discussions that have occurred with the state agency with authority over the project.	4.2.2.2.5, pp. 4.2-25 to 4.2-26, Subsection 4.2.5.2.4, p. 4.2-34, Subsection 4.2.6, p. 4.2-37; Subsection 4.3.8, p. 4.3-29; Subsection 4.4.7; p. 4.4.10; Subsection 4.5.7, p. 4.5-19; Subsection 4.6.6, Subsection 4.6.7, pp. 4.6-15 to 4.6-16; Subsection 4.11.6, Subsection 4.11.7, pp. 4.11-10 to 4.11-11; Subsection 4.12.1.2.3, p. 4.12-5, Subsection 4.12.6, Subsection 4.12.7, pp. 4.12-18 to 4.12-19; Subsection 4.14.7, p. 4.14-15; Subsection 4.15.2.1, pp. 4.15-6 to 4.15-8, Subsection 4.15.5, pp. 4.15-10 to 4.15-12, Table 4.15-2; Subsection 4.16.1.3.3, pp. 4.16-14 to 4.16-15, Table 4.16-3 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.7, p. 5., Subsection 6.1.6, pp. 11 to 12, Subsection</u>		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<p><u>6.1.9, p. 13, Subsection 17.1.22, p. 55, Figure 5, Subsection 12.1.3, p.34, Section 16, pp. 46 to 47; Data Request Response #1 Part II (TN258090-2), Attachment 11 and 12; Data Request Response #2 (TN 258742), p. 6; Data Request Response #2 Attachment 2 (TN 258743), p. 7, 40</u></p>		
IDENTIFICATION OF WHETHER SITE IS LOCATED AT A PROHIBITED AREA				
Cal. Code Regs., tit. 20, § 1877(e)	Identify whether the project is, on a prohibited site as identified in Public Resources Code section 25527 or on a site designated by the California Coastal Commission under Public Resources Code section 30413(b) or on a site designated by the San Francisco Bay Conservation and Development Commission under Government Code section 66645(b). Include documentation of the approval of the public agency having ownership or control of the land.	Subsection 1.2, p. 1-2; Subsection 2.1, p. 2-1; Subsection 4.6.1, pp. 4.6-1 to 4.6-3	Yes	
NET POSITIVE ECONOMIC BENEFIT TO THE LOCAL GOVERNMENT				

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: **Mandatory Opt-In Requirements**

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1877(f)	Identify preliminary information demonstrating overall net positive economic benefit to the local government that would have had permitting authority over the site and related facility, consistent with Public Resources Code section 25545.9. Staff must provide the submitted information to the local government for review and comment.	Mandatory Opt-In Regulations Crosswalk Matrix; Section 4-10; Appendix 4-10A <u>Data Request Response Set #1 Part I (TN 258090-1), Section 2, pp. 2 to 3</u>	No	See DR MAND-1 See REV 1 DR MAND-1 and REV 1 DR MAND-2
Cal. Code Regs., tit. 20 § 1879(a)(7); Pub. Resources Code § 25545.9	... economic benefits may include, but are not limited to the following: (a) Employment growth. (b) Housing development. (c) Infrastructure and environmental improvements. (d) Assistance to public schools and education. (e) Assistance to public safety agencies and departments. (f) Property taxes and sales and use tax revenues.	Mandatory Opt-In Regulations Crosswalk Matrix; Section 4-10; Appendix 4-10A <u>Data Request Response Set #1 Part I (TN 258090-1), Section 2, pp. 2 to 3</u>	No	See DR MAND-1 See REV 1 DR MAND-1 and REV 1 DR MAND-2
LEGALLY BINDING ENFORCEABLE AGREEMENT(S) FOR COMMUNITY BENEFITS OF THE PROJECT				
Cal. Code Regs., tit. 2, § 1877(g)	Discussion of applicant's plan or strategy, including a timeline for execution, to obtain legally binding and enforceable agreement(s) with, or that benefit, a coalition of one or more community-based organizations prior	Appendix 1C	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	to project certification, consistent with Public Resources Code section 25545.10.			
ENVIRONMENTAL LEADERSHIP DEVELOPMENT PROJECT REQUIREMENTS				
Cal. Code Regs., tit. 20, § 1877(h)	A discussion of whether the project meets the requirements of Public Resources Code sections 21183 and 21183.6.	Mandatory Opt-In Regulations and Crosswalk Matrix	Yes	
Pub. Resources Code § 21183(a)	The project will result in a minimum investment of \$100,000,000 in California upon completion.	Appendix 4-10, Table A-3	Yes	
Pub. Resources Code § 21183(b)	The project creates high-wage, highly skilled jobs that pay prevailing wages and living wages, provides construction jobs and permanent jobs for Californians, helps reduce unemployment, and promotes apprenticeship training.	Appendix 1D	Yes	
Pub. Resources Code § 21183(c)	For a project described in Public Resources Code Section 21180(b)(1), (2), and (3), including a wind or solar energy project or a project that manufactures products, equipment, or components used for renewable energy generation, energy efficiency, or to produce clean alternative fuel vehicles, the project does not result in any net additional emission of greenhouse gases, including	Mandatory Opt-In Regulations Crosswalk Matrix; Subsection 4.1.2, Table 4.1-1, p. 4.1-2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	greenhouse gas emissions from employee transportation. A project is deemed to meet the requirements of this paragraph if the applicant demonstrates compliance with Public Resources Code section 21183.6.			
Pub. Resources Code § 21183(d)	Demonstrates compliance with the requirements of recycling commercial solid waste and organic solid waste as required under Public Resources Code sections 42649 and 42649.8.	Subsection 4.14.1.2, pp. 4.14-1 to 4.14-5	Yes	
Pub. Resources Code § 21183(e)	Applicant entered into a binding and enforceable agreement that all mitigation measures required to certify the project under this chapter shall be conditions of approval of the project, and those conditions will be fully enforceable by the lead agency or another agency designated by the lead agency. In the case of environmental mitigation measures, the applicant agrees, that those measures will be monitored and enforced by the lead agency for the life of the obligation.	Mandatory Opt-In Regulations Crosswalk Matrix	Yes	
Pub. Resources Code § 21183(f)	Applicant agrees to pay the costs of the trial court and the court of appeal in hearing and deciding any case challenging a lead agency's action on a certified project under this division...	Mandatory Opt-In Regulations Crosswalk Matrix	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Pub. Resources Code § 21183(g)	Applicant agrees to pay the costs of preparing the record of proceedings for the project concurrent with review and consideration of the project under this division...	Mandatory Opt-In Regulations Crosswalk Matrix	Yes	
Pub. Resources Code § 21183(h)	For a project for which environmental review has commenced, the applicant demonstrates that the record of proceedings is being prepared in accordance with Public Resources section 21186.	Mandatory Opt-In Regulations Crosswalk Matrix	Yes	
Pub. Resources Code § 21183.6(a)	The quantification and mitigation of the greenhouse gas emission impacts of a project described in 21180(b)(1), (2), or (3), including a wind or solar energy project or a project that manufactures products, equipment, or components used for renewable energy generation, energy efficiency, or to produce clean alternative fuel vehicles must be as follows:	--	--	--
Pub. Resources Code § 21183.6(a)(1)	The environmental baseline for greenhouse gas emissions must be established based upon the physical environmental conditions in the vicinity of the project site at the time the application is submitted.	Subsection 4.1.2, Table 4.1-1 Data Request Response #1 Part I (TN 258090-1), Subsection 2.1.2, p.3, Subsection 4.1.3, pp. 4.1-2 to 4.1-10	No <u>Yes</u>	See DR MAND-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Pub. Resources Code § 21183.6(a)(2)	<p>Demonstrate that the mitigation of the impacts resulting from the emissions of greenhouse gases are achieved in the following priority:</p> <ol style="list-style-type: none"> 1. Direct emissions reductions from the project that also reduce emissions of criteria air pollutants or toxic air contaminants through implementation of project features, project design, or other measures, including, but not limited to, energy efficiency, installation of renewable energy electricity generation, and reductions in vehicle miles traveled. 2. The remaining unmitigated impacts shall be mitigated by direct emissions reductions that also reduce emissions of criteria air pollutants or toxic air contaminants within the same air pollution control district or air quality management district in which the project is located. 3. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air pollution 	Mandatory Opt-In Regulations Crosswalk Matrix	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Mandatory Opt-In Requirements

Project: Compass Energy Storage Project

Technical Staff: Various

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>control district or air quality management district in which the project is located. The offsets shall be undertaken in a manner consistent with the Health and Safety Code section 38500, including, but not limited to, the requirement that the offsets be real, permanent, quantifiable, verifiable, and enforceable, and shall be undertaken from sources in the community in which the project is located or in adjacent communities.</p> <p>4. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate from sources that provide a specific, quantifiable, and direct environmental and public health benefit to the region in which the project is located.</p>			

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10

Date: ~~October~~ May 13,
2024

Technical Area: Air Quality

Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 4.1, Subsection 4.1.3, pp. 4.1-2 to 4.1-8, Subsection 4.1.5, pp. 4.1-9 to 4.1-12	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 4.1, Subsection 4.1.5, pp. 4.1-12 to 4.1-19	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Section 4.1, Subsection 4.1.8, pp. 4.1-23 to 4.1-25 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.1, p. 4</u>	No <u>Yes</u>	See DR AQ-1

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 4.1, pp. 4.1-1 to 4.1-9 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 3.1.2 3.1.3, p. 4, Subsection 3.1.5, p.5, Subsections 4.1.1 to 4.1.3, p. 7</u>	No	See DR-AQ-2, DR-AQ-3, DR-AQ-5, DR-GHG-1 to DR-GHG-3 <u>See REV 1 DR GHG-1</u>
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Section 4.1, Subsection 4.1.2, pp. 4.1-1 to 4.1-2 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.6, p. 5</u>	No <u>Yes</u>	See DR-AQ-6
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 4.1, Subsection 4.1.3, pp. 4.1-2 to 4.1-3 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.2, p. 4</u>	No <u>Yes</u>	See DR-AQ-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 4.1, Subsection 4.1.4, Table 4.1-8, p. 4.1-9 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.2, p.4, Subsection 3.1.5, p. 5</u>	No <u>Yes</u>	See DR AQ-2, DR AQ-5
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	N/A	N/A	N/A
Appendix B (g) (8) (E)	The emission rates of criteria pollutants and greenhouse gases (CO ₂ , CH ₄ , N ₂ O, and SF ₆) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	Section 4.1, Subsection 4.1.3, pp. 4.1-7 to 4.1-8, Table 4.1.3; Appendix 4.1A, Subsection 2 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.2, p. 4, Subsection 4.1.2, p. 7, Subsections 4.1.4 to 4.1.5, pp. 7 to 8</u>	No <u>Yes</u>	See DR AQ-2, DR GHG-2, DR GHG-4, DR GHG-5
Appendix B (g) (8) (F)(i)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (F)(ii)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the commercial operations date, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests.	N/A	N/A	N/A
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 4.1, Subsection 4.1.5, Table 4.1-11	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 4.1, Subsection 4.1.5, Table 4.1-9, pp. 4.1-11 to 4.1-12; Appendix 4.1B, pp. 640 to 641	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10

Date: October 13, 2024

Technical Area: Air Quality

Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995)), which is incorporated by reference in its entirety.	N/A	N/A	N/A
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Section 4.1, Subsection 4.1.5.1, p.4.1-10; Appendix 4-1B, pp. 640-641	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of:	--	--	--
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO),	Section 4.1, Subsection 4.1.6, pp. 4.1-19 to 4.1-21, Table 4.1-12, Table 4.1-13; Appendix 4-1B	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and particulate matter less than 10 microns in diameter (PM ₁₀) and particulate matter less than 2.5 microns in diameter (PM _{2.5}) from construction-related equipment;			
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant (NO _x , SO ₂ , CO, PM ₁₀ , and PM _{2.5}) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions;	Section 4.1, Subsection 4.1.6, p. 4.1-21 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.3, p. 4</u>	No Yes	See DR-AQ-3

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a 6-mile radius that have received construction permits but are not yet operational or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard; and	Section 4.1, Subsection 4.1.2, p. 4.1-2 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.4, pp. 4 to 5</u>	No Yes	See DR-AQ-4
Appendix B (g) (8) (I) (iv)	An air dispersion modeling analysis of the impacts of the initial commissioning phase emissions on state and federal ambient air quality standards for NO _x , SO ₂ , CO, PM ₁₀ , and PM _{2.5} .	Section 4.1, Subsection 4.1.6, p. 4.1-21	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under (g)(1), provide the following information:	--	--	--

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10

Date: ~~October 13,~~ May 13,
2024

Technical Area: Air Quality

Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (i)	The quantity of offsets or emission reductions that are needed to satisfy air permitting requirements of local permitting agencies (such as the air district), state and federal oversight air agencies, and the California Energy Commission. Identify by criteria air pollutant, and if appropriate, greenhouse gas; and	N/A	N/A	N/A
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions;	Section 4.1, Subsection 4.1.2, p. 4.1-1; Section 4.9, p. 4.9-1	Yes	
Appendix B (g) (8) (K)	A detailed description of the mitigation, if any, which an applicant may propose, for all projects impacts from criteria pollutants that currently exceed state or federal ambient air quality standards but are not subject to offset requirements under the district's new source review rule.	Section 4.1, Subsection 4.1.7, p. 4.1-23; Appendix 4-1A, Subsection 1.3, p. 11 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 4.1.1, p. 7</u>	No Yes	See DR GHG-1
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both	Section 4.1, Subsection 4.1.7, pp. 4.1-21 to 4.1-23	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Air Quality Project: Compass Energy Storage Project

Technical Staff: Yifan Ding/Winston Potts

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Wenjun Qian Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 4.1, Subsection 4.1.7, pp. 4.1-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.7, p. 5</u>	No <u>Yes</u>	See DR AQ-7
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 4.1, Subsection 4.1.7, pp. 4.1-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.8, p. 6</u>	No <u>Yes</u>	See DR AQ-8
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 4.1, Subsection 4.1.7, pp. 4.1-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 3.1.6, p. 5</u>	No <u>Yes</u>	See DR AQ-6

DATA COMPLETENESS WORKSHEET

~~October~~ May 13,

Completeness: Complete Incomplete

Revision No. 10 Date: 2024

Technical Area: Alternatives Project:

Compass Energy Storage Project

Technical Staff: John Carrier

Project Manager: Renee Longman/Lisa Worrall Docket:

24-OPT-02

Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Section 5, pp. 5-1 to 5-38 <u>Data Request Response #1 Part I (TN 258090-1), Section 5, p. 9</u>	No	See DR ALT-1 <u>See REV 1 DR ALT 1 and REV 1 DR ALT 2</u>
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in (f)(1).	Section 5, pp. 5-1 to 5-38	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document;	Subsection 4.2.1.2, pp. 4.2-2 to 4.2-5, Subsection 4.2.1.3, pp. 4.2-5 to 4.2-8, Subsection 4.2.1.4, p. 4.2-8, Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11, Subsection 4.2.1.6, pp 4.2-11 to 4.2-14, Subsection 4.2.1.7, pp. 4.2-14 to 4.2-19 <u>Data Request Response #1 Part I (TN 258090-1), p. 10 Attachment 3, Attachment 4; Data Request Response #1 Part II (TN 258090-2), Attachment 5</u>	No <u>Yes</u>	See DR-BIO-1, DR-BIO-2
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11, Subsection 4.2.1.6, pp. 4.2-11 to 4.2-14 <u>Data Request Response #1 Part I (TN258090-1), p. 10, Attachment 3; Burrowing Owl and Crotch's Bumble Bee Survey Results Memorandum (TN259155)</u>	No <u>Yes</u>	See DR-BIO-1

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. 10 Date: ~~13~~ **October** ~~13~~, 2024

Technical Area: **Biological Resources**

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Subsection 4.2.8, pp. 4.2-37 to 4.2-40 <u>Data Request Response #1 Part I (TN258090-1), pp. 10 to 11; Data Request Response #1 Attachment 6, Updated Section 4.2</u>	No <u>Yes</u>	See DR-BIO-3
[OPT-IN ONLY] Cal. Code Regs., tit. 20, § 1877 (a)	If the applicant is seeking incidental take authorization as described in California Fish and Game Code section 2081(b), the application shall include the information required in California Code of Regulations, title 14, section 783.2(a)(1)-(a)(10). If the applicant is seeking lake and streambed alteration authorization under Fish and Game Code section 1602, the application shall include the information required in California Fish and Game Code section 1602(a)(1)(A)-(F).	Section 4.2 <u>Data Request Response #1 Part I (TN258090-1), pp. 10 to 11, 13</u>	No <u>Yes</u>	See DR-BIO-6, DR-BIO-9
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the	Section 2, p. 2-1; Subsection 4.2.1, p. 4.2-1, Subsection 4.2.2, p. 4.2-19, Subsection 4.2.2.2, p. 4.2-20, Subsection 4.2.2.3, p. 4.2-26, Subsection 4.2.3, p. 4.2-28, Subsection 4.2.4, p. 4.2-28 <u>Data Request Response #1 Part I</u>	No <u>Yes</u>	See DR-BIO-10a to DR-BIO-10d

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	<u>(TN258090-1), pp. 13 to 15</u>		
Appendix B (g) (13) (A)	A regional overview and discussion of terrestrial and aquatic biological resources, with particular attention to sensitive biological resources within 10 miles of the project. In the discussion include a list of the USGS topographic quadrangle(s) utilized to search records from the California Natural Diversity Database (CNDDDB), and a citation which includes the date the CNDDDB was accessed. Include a map at a scale of 1:6,000 (under confidential cover) and at 1:350,000 (for public) showing sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Label the biological resources and survey areas as well as the project facilities. Sensitive biological resources include:	Subsection 4.2.1, p. 4.2-1, Subsection 4.2.5.3.23, p. 4.2-36, Table 4.2-4, p. 4.2-25, Figure 4.2-4, p. 4.2-47, Figure 4.2-6, p. 4.2-51 <u>Data Request Response #1 Part I (TN258090-1), Section 6.1.10, p. 3</u>	No	See DR BIO-10b <u>See REV 1 DR BIO-1</u>
Appendix B (g) (13) (A) (i)	species listed under state or federal Endangered Species Acts;	Appendix 4.2A, pp. C1-1, C2-1 <u>Data Request Response #1 Part I (TN258090-1), pp. 10 to</u>	No <u>Yes</u>	See DR BIO-2, DR BIO-4

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>11, Attachment 4; Data Request Response #1 Part II (TN 258090-2), Attachment 5, Attachment 6, Subsections 4.2.1.3.2 and 4.2.1.7.6</u>		
Appendix B (g) (13) (A) (ii)	species receiving consideration during environmental review under CEQA Guidelines 14 CCR Section 15380;	Section 4.2.1.7.2, pp. 4.2-15 to 4.2-16; Appendix 4.2A	Yes	
Appendix B (g) (13) (A) (iii)	species identified as state Fully Protected;	Section 4.2.1.7.2, pp. 4.2-15 to 4.2-16; Appendix 4.2A	Yes	
Appendix B (g) (13) (A) (iv)	species covered by Migratory Bird Treaty Act;	Section 4.2.1.7.3, p. 4.2-16	Yes	
Appendix B (g) (13) (A) (v)	species and habitats identified by local, state, and federal agencies as needing protection, including but not limited to those identified by the CNDDDB, California Fish and Game Code, Title 14 of the California Code of Regulations, or where applicable, in Local Coastal Programs or in relevant decisions of the California Coastal Commission or other responsible agency;	Section 4.2.1.7.2, p. 4.2-15, Section 4.2.1.5, p. 4.2-8; Appendix 4.2A, pp. C1-1, C2-1; Appendix 4.2D <u>Data Request Response #1 (TN258090), pp. 10 to 11, Attachment 4; Data Request Response #1 Part II (TN 258090-2), Attachment 5, Attachment 6</u>	No	See DR BIO-2, DR BIO-4 <u>See REV 1 DR BIO-1</u>

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. 10 Date: ~~13~~ **October** ~~13~~, 2024

Technical Area: **Biological Resources**

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (13) (A) (vi)	locally significant species that are rare or uncommon in a local context such as county or region or is so designated in local or regional plans, policies, or ordinances;	Section 4.2.1.7.2, pp. 4.2-15 to 4.2-16; Appendix 4.2A	Yes	
Appendix B (g) (13) (A) (vii)	plant species listed as rare under the California Native Plant Protection Act;	Section 4.2.1.7.1, pp. 4.2-14 to 4.2-15, Section 4.2.1.7.9, p. 4.2-19; Appendix 4.2A	Yes	
Appendix B (g) (13) (A) (viii)	established native resident or migratory wildlife corridors or wildlife nursery sites.	Section 4.2, Subsection 4.2.2.2.4, p. 4.2-24	Yes	
Appendix B (g) (13) (B)	Include a list of the species and habitat(s) observed and those with a potential to occur within 1 mile of the project site and 1,000 feet from the outer edge of linear facility corridors. Maps or aerial photographs shall include the following:	Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11, Subsection 4.2.1.7, pp. 4.2-14 to 4.2-19; Appendix 4.2A; Appendix 4.2B <u>Data Request Response #1 (TN258090), pp. 10 to 11, Attachment 4; Data Request Response #1 Part II (TN 258090-2), Attachment 5, Attachment 6, Subsections 4.2.1.3.2, 4.2.1.7.6, 4.2.1.7.8</u>	No	See DR BIO-2 <u>See REV 1 DR BIO-1</u>
Appendix B (g) (13) (B) (i)	Detailed maps at a scale of 1:6,000 or color aerial photographs taken at a recommended scale of 1-inch equals 500 feet (1:6,000) with a 30 percent overlap (provided under confidential	Section 4.2, Figure 4.2-1, p. 4.2-39, Figure 4.2-2, p. 4.2-43, Figure 4.2-3, p. 4.2-44,	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources Project: Compass Energy Storage Project
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva
 Technical Staff:
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	cover) and 1:350,000 (for public viewing) that show the proposed project site and related facilities, biological resources including, but not limited to, those found during project-related field surveys and in records from the CNDDDB, and the associated areas where biological surveys were conducted. Label the biological resources and survey areas as well as the project facilities.	Figure 4.2-4, p. 4.2-43, Figure 4.2-5, p. 4.2-49, Figure 4.2-6, p. 4.2-49		
Appendix B (g) (13) (B) (ii)	Provide an aerial map of the isopleth graphic depicting modeled nitrogen deposition rates. The geographical extent of the nitrogen deposition map(s) should include the entire plume and a radius of 6 (six) miles from the source, specifically identifying acres of sensitive habitat(s) within each isopleth Modeling parameters and files shall be provided.	Section 4.2 <u>Data Request Response #1 Part I (TN258090-1), pp. 10 to 12</u>	No <u>Yes</u>	See DR-BIO-8
Appendix B (g) (13) (B) (iii)	An aerial photo depicting state and federal jurisdictional features including state waters and wetlands delineated on maps at a scale of (1:2,400) showing any potential jurisdictional features delineated out to 250 feet from the edge of disturbance if wetlands occur within 250 feet of the project site and/or related facilities that would be included with the U.S. Army Corps of Engineers Section 404 Permit application, Regional Water Quality Control Board (RWQCB) application, or California	Section 4.2, Figure 4.2-1, p. 4.2-39 <u>Data Request Response #1 Part I (TN 258090-1), p. 11, Attachment 3; Data Request Response #1 Part II (TN 258090-2), Attachment 6. Section 4.2, Figure 3</u>	No <u>Yes</u>	See DR-BIO-5

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: ~~13~~ October ~~13~~ May 2024

Technical Area: Biological Resources

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	Department of Fish and Wildlife Section 1600 et seq. permit requirements. For projects proposed to be located within the coastal zone, also provide aerial photographs or maps as described above that identify wetlands as defined by the Coastal Act and under the jurisdiction of the California Coastal Commission.			
Appendix B (g) (13) (B) (iv)	Provide Geographic Information System (GIS) data (shape and/or geodatabase files) for all data mapped for biological resources.	Electronic file	Yes	
Appendix B (g) (13) (C)	A discussion of the biological resources at the proposed project site and related facilities. Related facilities include, but are not limited to, laydown and parking areas, gas and water supply pipelines, transmission lines, and roads. The discussion shall address the distribution of vegetation community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and other appropriate biological resources including the following:	Section 4.2, p. 4.2-1 <u>Data Request Response #1 Part II (TN 258090-2), Attachment 6, Section 4.2, Subsections 4.2.1.3.2 and 4.2.1.7.6</u>	No	See DR BIO-4 <u>See REV 1 DR BIO-1</u>
Appendix B (g) (13) (C) (i)	A list of sensitive species and habitats with a potential to occur (defined in (A) above) and include status (state, federal, California Native Plant Society, global rank, state rank, etc.)	Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11; Appendix 4.2A; Appendix 4.2B <u>Data Request Response #1 Part I (TN 258090-1), pp. 10 to 11,</u>	No <u>Yes</u>	See DR BIO-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. 10 Date: ~~13~~ **October** ~~13~~, 2024

Technical Area: **Biological Resources**

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>Attachment 4; Data Request Response #1 Part II (TN 258090-2), Attachment 5, Attachment 6, Section 4.2, Subsection 4.2.1.7.8</u>		
Appendix B (g) (13) (C) (iii)	Perform nitrogen deposition modeling including the complete citation for references used in determining deposition rates and location. Specify the amount of total annual nitrogen deposition in kilograms of nitrogen per hectare per year (kg N/ha/yr) in special status species habitats and vegetation types for wet and dry deposition. Describe habitat and species potentially affected.	Section 4.2 <u>Data Request Response #1 Part I (TN 258090-1), pp. 10 to 12</u>	No <u>Yes</u>	See DR-BIO-8
Appendix B (g) (13) (D)	A description and results of all field studies and specialized surveys (e.g., focused and protocol) used to provide biological baseline information about the project site and associated facilities. Include copies of the CNDDDB records and field survey forms completed by the applicant's biologist(s). Identify the date(s) the surveys were completed, methods used to complete the surveys, and the name(s) and qualifications of the biologists conducting the surveys. Include:	Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11, Subsection 4.2.1.6, pp. 4.2-11 to 4.2-14, Subsection 4.2.1.7, pp. 4.2-14 to 4.2-19; Appendix 4.2A; Appendix 4.2B; Appendix 4.2C; Appendix 4.2D <u>Data Request Response #1 Part I (TN 258090-1), p. 10, Attachment 3; Burrowing Owl and Crotch's Bumble Bee</u>	No <u>Yes</u>	See DR-BIO-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: ~~13~~ **October** ~~13~~, 2024

Technical Area: **Biological Resources** Project: Compass Energy Storage Project Technical Staff: L. Dunn/K. Pulsipher/C. Barrera, F. Silva

Project Manager: Renee Longman/~~Lisa Worrall~~ Docket: 24-OPT-02 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u> Survey Results Memorandum (TN259155) </u>		
Appendix B (g) (13) (D) (i)	Current biological resources surveys conducted using appropriate field survey protocols (include references) during the appropriate season(s). State and federal agencies with jurisdiction shall be consulted for field survey protocol guidance prior to surveys if a protocol exists.	Subsection 4.2.1.5, pp. 4.2-8 to 4.2-11	Yes	
Appendix B (g) (13) (D) (ii)	If the project or any related facilities could impact federal or state jurisdictional wetland, provide completed Army Corps of Engineers wetland delineation forms or determination of wetland status pursuant to Coastal Act or CDFW requirements, as applicable to the location, name(s) and qualifications of biologist(s) completing the delineation, the results of the delineation and a table showing jurisdictional features including state waters and wetland acreage amounts to be impacted.	Section 4.2.1.5, pp. 4.2-8 to 4.2-10, Subsection 4.2.2.2.5, p. 4.2-25, Table 4.2-4, Figure 4.2-1 <u> Data Request Response #1 Part I (TN258090-1), pp. 11 to 12, Attachment 3, Attachment B </u>	No <u> Yes </u>	See DR-BIO-2, DR-BIO-6
Appendix B (g) (13) (E)	Impacts discussion of all impacts (direct, indirect, and cumulative) to biological resources from project site preparation, construction activities, plant operation, maintenance, closure, and decommissioning. Discussion shall also address sensitive species	Section 4.2.1, p. 4.2-1, Section 4.2.2, p. 4.2-19, Section 4.2.2.2, p. 4.2-20, Section 4.2.2.3, p. 4.2-26, Section 4.2.3, p. 4.2-28 <u> Data Request Response #1 Part I (TN 258090- </u>	No <u> Yes </u>	See DR-BIO-10a, DR-BIO-10b

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	habitat impacts from air emissions (i.e., nitrogen deposition);	<u>1), pp. 13 to 14; Data Request Response #1 Part II (TN 258090-2), Attachment 6, Section 4.2, Subsection 4.2.2</u>		
Appendix B (g) (13) (F)	A discussion of all feasible mitigation measures and an evaluation of their anticipated efficacy in reducing the level of impacts, including, but not limited to the following:	Section 4.2.4.2, p. 4.2-30, Section 4.2.4.3, p. 4.2-30 <u>Data Request Response #1 Part I (TN258090-1), pp. 13 to 15; Data Request Response #1 Part II (TN 258090-2), Attachment 6, Section 4.2, Subsection 4.2.4</u>	No <u>Yes</u>	See DR-BIO-10a, DR-BIO-10c, DR-BIO-10d
Appendix B (g) (13) (F) (i)	All measures proposed to avoid and/or reduce adverse impacts to biological resources.	Section 4.2.4.2, p. 4.2-30, Section 4.2.4.3, p. 4.2-30 <u>Data Request Response #1 Part I (TN 258090-1), pp. 13 to 15; Data Request Response #1 Part II (TN 258090-2), Attachment 6, Section 4.2, Subsection 4.2.4</u>	No <u>Yes</u>	See DR-BIO-10a, DR-BIO-10c, DR-BIO-10d
Appendix B (g) (13) (F) (ii)	All off-site habitat mitigation such as habitat improvement or compensation including management, and an identification of appropriate agency contacts for coordination	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13, 2024~~

Technical Area: **Biological Resources** Project: Compass Energy Storage Project
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and verification of proposed habitat mitigation measures.			
Appendix B (g) (13) (F) (iii)	Educational programs to enhance employee awareness during construction and operation to protect biological resources.	Section 4.2.4.2, p. 4.2-30	Yes	
Appendix B (g) (13) (G)	A discussion of compliance and monitoring programs to ensure the effectiveness of impact avoidance and mitigation measures incorporated into the project.	Section 4.2.4.2, p. 4.2-30, Section 4.2.4.3, p. 4.2-30		
Appendix B (g) (13) (H)	Submit copies of any preliminary correspondence between the project applicant and state and federal resource agencies regarding whether federal or state permits from other agencies such as the U.S. Fish and Wildlife Service, the National Marine Fisheries Service, the U.S. Army Corps of Engineers, the CDFW, and the RWQCB will be required for the proposed project.	Section 4.2, Subsection 4.2.6, p. 4.2-37 <u>Data Request Response #1 Part I (TN 258090-1), pp. 10 to 11, 13</u>	No Yes	See DR-BIO-6, DR-BIO-9
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 4.2, Subsection 4.2.1.7, pp. 4.2-14 to 4.2-18, Subsection 4.2.5, pp. 4.2-31 to 4.2-37	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 10 Date: October 13, 2024

Technical Area: Biological Resources

Project: Compass Energy Storage Project

Technical Staff: L. Dunn/K. Pulsipher/C. Huntley/CDFW: B. Barrera, F. Silva

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 4.2, Subsection 4.2.7, pp. 4.2-37	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 4.2.7, p. 4.2-37	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x

Revision No. 10 Date: October 13, 2024

Technical Area: Cultural Resources and Tribal Cultural Resources

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R. Hatheway/M.Hoke

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document;	Subsection 4.3, pp. 4.3-7 to 4.3-16 <u>Data Request Response #2 (TN 258742), p. 1;</u> <u>Data Request Response #2, Attachment 1 Part 1 (TN 258770), pp. 14 to 45;</u> <u>Data Request Response #2 Attachment 2 (TN 258743), pp. 25 to 41</u>	No <u>Yes</u>	See DR-CUL/TRI-1
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Subsection 4.3, pp. 4.3-7 to 4.3-32 <u>Data Request Response #2, (TN 258742), p. 1;</u> <u>Data Request Response #2 Attachment 1 Part 1 (TN 258770), pp. 14 to 18;</u> <u>Data Request Response #2, Attachment 2 (TN 258743), pp. 29 to 37</u>	No <u>Yes</u>	See DR-CUL/TRI-2
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Subsection 4.3.9, pp. 4.3-29 to 4.3-32	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the	Subsection 4.3, pp. 4.1-1 to 4.3-19 <u>Data Request Response #2 (TN 258742), p. 2</u> <u>Attachment 1 Part 1 (TN 258770), pp. 21 to 45;</u>	No <u>Yes</u>	See DR-CUL/TRI-3

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	<u>Data Request Response #2 Attachment 2 (TN 258743), pp. 17 to 41</u>		
Appendix B (g) (2)	Cultural resources and tribal cultural resources together comprise objects, buildings, structures, sites, features, areas, places, records, sacred places, cultural landscapes, or manuscripts, all of which may have significance according to criteria outlined in sections 21074 and 21084.2 of the Public Resources Code.	--	--	-
Appendix B (g) (2) (A)	A summary of the ethnology, prehistory, and history of the region with emphasis on the area within no more than a 5-mile radius of the project location. This regional summary must address the potential for buried cultural resources and tribal cultural resources to occur in the project area. The summary, together with literature search results, must inform the field methods employed for identifying cultural resources and tribal cultural resources in the project area.	Subsection 4.3.1.1, pp. 4.3-2 to 4.3-7 <u>Data Request Response #2 (TN 258742), p.2; Data Request Response #2 Attachment 2 (TN 258743), pp. 33 to 35</u>	No <u>Yes</u>	See DR-CUL/TRI-4
Appendix B (g) (2) (B)	The results of a literature search to identify cultural resources and tribal cultural resources within an area not less than a 1-	Subsection 4.3.3.1, pp. 4.3-9 to 4.3-13; Confidential Appendix 4.3B Records Search	No <u>Yes</u>	See DR-CUL/TRI-5, DR-CUL/TRI-6, DR CUL/TRI-7

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>mile radius around the project site and not less than one-quarter (0.25) mile on each side of the linear facilities. Identify any cultural resources or tribal cultural resources listed pursuant to ordinance by a city or county or recognized by any local historical or archaeological society or museum. Literature searches to identify the above cultural resources and tribal cultural resources must be completed by, or under the direction of, individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.</p> <p>Copies of California Department of Parks and Recreation (DPR) 523 forms (Title 14 CCR §4853) shall be provided for all cultural resources and tribal cultural resources (ethnographic, architectural, historical, and archaeological) identified in the literature search as being 45 years or older or of exceptional importance as defined in the National Register Bulletin Guidelines, (36CFR60.4(g)). A copy of the USGS 7.5-minute quadrangle map of the literature search area delineating the areas of all past surveys and noting the California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports</p>	<p>Results Part 1; Confidential Appendix 4.3B Records Search Results Part 2 <u>Data Request Response #2 (TN 258742), p.2;</u> <u>Appendix B Confidential SCCIC Record Search Results; Data Request Response #2 Attachment 2 (TN 258743), p. 29</u></p>		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>whose survey coverage is wholly or partly within 0.25 mile of the area surveyed for the project under section (g)(2)(C), or which report on any archaeological excavations or architectural surveys within the literature search area.</p>			
<p>Appendix B (g) (2) (C)</p>	<p>The results of new cultural resource and tribal resource surveys or surveys less than 5 years old shall be provided if survey records of the area potentially affected by the project are more than 5 years old. Surveys to identify new cultural resources and tribal cultural resources must be completed by (or under the direction of) individuals who meet the Secretary of the Interior’s Professional Standards for the technical area addressed.</p> <p>New pedestrian archaeological surveys shall be conducted inclusive of the project site and project linear facility routes, extending to no less than 200 feet around the project site, substations and staging areas, and to no less than 50 feet to either side of the right-of-way of project linear facility routes.</p> <p>New historic architecture field surveys in rural areas shall be conducted inclusive of the project site and the project linear facility routes, extending no less than 0.5 mile out from the proposed plant site and from the</p>	<p>Subsection 4.3.3.4, pp. 4.3-14 to 4.13-15 <u>Data Request Response #2 Attachment 1 Part 1 (TN 258770), pp. 15 to 43;</u> <u>Data Request Response #2 Attachment 2 (TN 258743), pp. 25 to 41;</u> <u>Data Request Response #2 (TN 258742), p. 3</u></p>	<p>No <u>Yes</u></p>	<p>See DR-CUL/TRI-8, DR-CUL/TRI-9</p>

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
 13, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>routes of all above-ground linear facilities. New historic architecture field surveys in urban and suburban areas shall be conducted inclusive of the project site, extending no less than one parcel's distance from all proposed plant site boundaries. New historic architecture field reconnaissance ("windshield survey") in urban and suburban areas shall be conducted along the routes of all linear facilities to identify, inventory, and characterize structures and districts that appear to be older than 45 years or that are exceptionally significant, whatever their age.</p> <p>A technical report of the results of the new surveys, conforming to the Archaeological Resource Management Report format (CA Office of Historic Preservation Feb 1990), which is incorporated by reference in its entirety, shall be separately provided and submitted (under confidential cover if archaeological resource or other sensitive resource locations are included).</p> <p>Information included in the technical report shall also be provided in the application, other sensitive resources, or areas of religious significance) shall be submitted under a request for confidentiality pursuant to</p>			

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x

Revision No. 10 Date: October 13, 2024

Technical Area: Cultural Resources and Tribal Cultural Resources

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R. Hatheway/M.Hoke

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>California Code of Regulations, title 20, section 2501 et seq.</p> <p>At a minimum, the technical report shall include:</p>			
Appendix B (g) (2) (C) (i)	The summary from Appendix B (g)(2)(A) and the literature search results from Appendix B (g)(2)(B);	<p>Section 4.3</p> <p><u>Data Request Response #2 (TN 258742), pp. 3 to 6;</u></p> <p><u>Data Request Response #2 Attachment 1 Part 1 (TN 258770), pp. 14 to 15;</u></p> <p><u>Data Request Response #2 Attachment 2 (TN 258743), pp. 29 to 33</u></p>	No <u>Yes</u>	See DR-CUL/TRI-8, DR-CUL/TRI-9
Appendix B (g) (2) (C) (ii)	The survey procedures and methodology used to identify cultural and tribal cultural resources and a discussion of the cultural and tribal resources identified by the survey;	<p>Section 4.3</p> <p><u>Data Request Response #2 (TN 258742), pp.3 to 6;</u></p> <p><u>Data Request Response #2 Attachment 1 Part 1 (TN 258770), pp. 15 to 16;</u></p> <p><u>Data Request Response #2 Attachment 2 (TN 258743), pp. 25 to 37</u></p>	No <u>Yes</u>	See DR-CUL/TRI-8, DR-CUL/TRI-9
Appendix B (g) (2) (C) (iii)	Copies of all new and updated DPR 523(A) forms. If a cultural resource or tribal cultural resource may be impacted by the project, also include the appropriate DPR 523 detail form for each such resource;	<p>Section 4.3</p> <p><u>Data Request Response #2 (TN 258742), pp. 3 to 6,</u></p> <p><u>Attachment 1: Confidential Appendix B;</u></p> <p><u>Data Request Response #2 Attachment 1 Part 1</u></p>	No	See DR-CUL/TRI-10 <u>See REV 1 DR CUL/TRI-1</u>

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x

Revision No. 10 Date: October 13, 2024

Technical Area: Cultural Resources and Tribal Cultural Resources

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R. Hatheway/M.Hoke

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>(TN 258770), pp. 14 to 15; Data Request Response #2 Attachment 1 Part 2 (TN 258769), Appendix B; Data Request Response #2 Attachment 2 (TN 258769), pp. 29 to 33</u>		
Appendix B (g) (2) (C) (iv)	A map at a scale of 1:24,000 (U.S. Geological Survey topographic quadrangle) depicting the locations of all previously known and newly identified cultural and tribal cultural resources compiled through the research required by Appendix B (g)(2)(B) and Appendix B (g)(2)(C) (ii); and	Section 4.3 <u>Data Request Response #2 (TN 258742), pp. 3 to 6, Attachment 2, Confidential Appendix C</u>	No <u>Yes</u>	See DR-CUL/TRI-11
Appendix B (g) (2) (C) (v)	The names and qualifications of the cultural resources specialists who contributed to and were responsible for literature searches, surveys, and preparation of the technical report.	Section 4.3 <u>Data Request Response #2 (TN 258742), pp.3 to 6; Data Request Response #2 Attachment 1 Part 1 (TN 258770), Appendix A; Data Request Response #2 Attachment 2 (TN 258743), Appendix A</u>	No <u>Yes</u>	See DR-CUL/TRI-12
Appendix B (g) (2) (D) (i)	A copy of the applicant's request to the Native American Heritage Commission (NAHC) for information on Native American sacred sites and lists of Native Americans interested in the project vicinity, and copies of any correspondence received from the NAHC.	Appendix 4-3E	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project
Docket: 24-OPT-02

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke
Technical Senior: Gabriel Roark

Project Manager: Renee Longman/~~Lisa Worrall~~

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (2) (D) (ii)	A copy of all correspondence sent to Native American individuals and groups listed by the NAHC and copies of all responses. Notification to Native Americans shall include a project description and map.	Appendix 4-3E <u>Data Request Response #2 (TN 258742), pp. 3 to 6;</u> <u>Data Request Response #2 Attachment 2 (TN 258743), Appendix D</u>	No <u>Yes</u>	See DR-CUL/TRI-13
Appendix B (g) (2) (D) (iii)	A written summary of any oral responses.	Appendix 4-3E <u>Data Request Response #2 (TN 258742), pp. 3 to 6;</u> <u>Data Request Response #2 Attachment 2 (TN 258743), p. 36, Appendix D</u>	No <u>Yes</u>	See DR-CUL/TRI-13
Appendix B (g) (2) (E)	Include in the discussion of proposed mitigation measures required by (g)(1):	--	--	--
Appendix B (g) (2) (E) (i)	A discussion of measures proposed to mitigate project impacts to known cultural and tribal cultural resources;	Subsection 4.3.6, pp. 4.3-17 to 4.3-19 <u>Data Request Response #2 (TN 258742), p. 6;</u> <u>Data Request Response #2 Attachment 1 Part 1 (TN 258770), p. 43;</u> <u>Data Request Response #2 Attachment 2 (TN 258769), pp. 37 to 41</u>	No <u>Yes</u>	See DR-CUL/TRI-14
Appendix B (g) (2) (E) (ii)	A set of contingency measures proposed to mitigate potential impacts to previously unknown cultural and tribal cultural resources and any unanticipated impacts to known cultural or tribal cultural resources; and	Subsection 4.3.6, pp. 4.3-17 to 4.3-19 <u>Data Request Response #2 Attachment 2 (TN 258769), pp. 37 to 41</u>	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (2) (E) (iii)	Educational programs to enhance employee awareness during construction and operation to protect cultural and tribal cultural resources.	Subsection 4.3.6, pp. 4.3-17 to 4.3-19 <u>Data Request Response #2 Attachment 2 (TN 258743), pp. 38 to 41</u>	No <u>Yes</u>	See DR-CUL/TRI-15
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Subsection 4.3.7, pp. 4.3-19 to 4.3-29 <u>Data Request Response #2 (TN 258742), p 6. Data Request Response #2 Attachment 2 (TN 258743), pp. 9 to 10</u>	No <u>Yes</u>	See DR-CUL/TRI-16
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Subsection 4.3.8, p. 4.3-29 <u>Data Request Response #2 (TN 258742), p. 6; Data Request Response #2 Attachment 2 (TN 258743), p. 40</u>	No <u>Yes</u>	See DR-CUL/TRI-17
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official	Subsection 4.3.8, p. 4.3-29 <u>Data Request Response #2 (TN 258742), p. 7; Data Request Response</u>	No <u>Yes</u>	See DR-CUL/TRI-18

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete **x**

Revision No. **10** Date: **October** ~~May~~
~~13~~, 2024

Technical Area: **Cultural Resources and Tribal
Cultural Resources**

Project: Compass Energy Storage Project

Technical Staff: L. DeOliveira/R.
Hatheway/M.Hoke

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Gabriel Roark

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	who will serve as a contact person for Commission staff.	<u>#2 Attachment 2 (TN 258743), p. 40</u>		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Subsection 4.3.8, p. 4.3-19, p. 4.3-29 <u>Data Request Response #2 (TN 258742), p. 7</u>	No <u>Yes</u>	See DR-CUL/TRI-19

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Executive Summary

Project: Compass Energy Storage Project

Technical Staff: R. Longman/L. Worrall

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	TOC pp. TOC-i to TOC-xii <u>Data Request Response #1 Part I (TN 258090-1), Subsection 7.1.1, pp. 16 to 17</u>	No <u>Yes</u>	See DR-ES-1
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply routes and facilities, water supply routes and facilities, pollution control systems, and other general characteristics.	Subsection 1.2 p. 1-2, Section 1.3 pp. 1-2 to 1-4, Section 2, pp. 2-1 to 2-13; Appendix 2A, Subsection 4.5.2.3.1 p. 4.5-6 to 4.5-7, Appendix 5B <u>Data Request Response #1 Part I (TN 258090-1) Subsection 4.1.2 p. 7, Section 9, pp. 27 to 29, Section 11, pp. 32 to 33, Subsection 14.1.9, p. 44, Section 16 p. 46; Data Request Response #1 Part II (TN 258090-2), Attachment 15</u>	No	See DR-GHG-2, DRs TSD-1 to DR-TSD-4, DRs LAND-2 to 7, DR-PD-3 to D-PD-5, DR-TRANS-9 <u>See REV 1 DR TRANS-5 and REV 1 DR WS-4</u>
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county, and assessor's parcel numbers.	Section 1.2 p. 1-2; Appendix 1A	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Section 1.2 p. 1-2, Figure 1-1 p. 1-7, Figure 2-1 p. 2-13	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Executive Summary

Project: Compass Energy Storage Project

Technical Staff: R. Longman/~~L. Worrall~~

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Section 2 <u>Data Request Response #1 Part II (TN 258090-2), Attachment 7</u>	No <u>Yes</u>	See DR-ES-2
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities. Provide the direct mailing addresses for the owners and occupants of properties contiguous to the proposed power plant, related facilities, transmission lines, or other linear facilities as shown on the latest equalized assessment roll. Provide a map showing the parcels in the notice area.	Appendix 1A, Appendix 1B <u>ATT8 DR ES-3 Updated Appendix 1B Confidential (TN 258674)</u>	No <u>Yes</u>	See DR-ES-3
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Subsection 2.3.1 pp. 2-6 to 2-7	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-	Section 1.6 p. 1-4	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Executive Summary

Project: Compass Energy Storage Project

Technical Staff: R. Longman/~~L. Worrall~~

Project Manager: Renee Longman/~~Lisa Worrall~~

Docket: 24-OPT-02

Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	injection system, and a description of their legal interest in these facilities.			
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.6 p. 1-4	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in (a)(3)(A) and (B).	Section 1.6, p. 1-4; Appendix 3B	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Hazardous Materials Handling
 Project Manager: Renee Longman/Lisa Worrath

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Aurie Patterson
 Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 4.5, p 4.5-1, Subsection 4.5.2.8, p 4.5-9, Subsection 4.5.3, pp 4.5-9 to 4.5-10, Subsection 4.5.4, pp 4.5-10 to 4.5-12	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 4.5, p. 4.5-1	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Subsection 4.5.8, pp 4.5-19 to 4.5-20	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 4, pp. 4-1 to 4-7; Subsection 4.5.1, pp. 4.5-1 to 4.5-5, Subsections 4.5.2.2 to 4.5.2.7, pp. 4.5-5 to 4.5-9, Subsection 4.5.4, pp. 4.5-10 to 4.5-12, Subsection 4.5.3, pp. 4.5-9 to 4.5-10; Subsection 4.5.5.3, pp. 4.5-17 to 4.5-18 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 8.1.1 and 8.1.2, pp. 18 to 19</u>	No <u>Yes</u>	See DR HAZ-1, DR HAZ-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: **Hazardous Materials Handling**
 Project Manager: Renee Longman/Lisa Worrath

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: ~~May 13,~~ **October** 2024
 Technical Staff: Aurie Patterson
 Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in California Code of Regulations, title 22, § 66261.20 et seq., and a discussion of the toxicity of each material.	Section 4.5, Table 4.5-1, pp. 4.5-3 to 4.5-5 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 8.1.3 and 8.1.4, pp. 19 to 20</u>	No	See DR HAZ-3, DR HAZ-4 <u>See REV 1 DR HAZ 1</u>
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, daycare facilities, and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Section 4.5, Figure 4.5-1	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 4.5, Table 4.5-1, pp. 4.5-3 to 4.5-5	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the application is complete.	N/A	N/A	N/A
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Subsection 4.5.2.4, p. 4.5-8	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: **Hazardous Materials Handling**
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Aurie Patterson
 Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Subsection 4.5.2.4, Subsection 4.5-7 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 8.1.5, pp. 20 to 22</u>	No	See DR HAZ-5 <u>See REV 1 DR HAZ 2</u>
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 4.17; Appendix 4.17A <u>Data Request Response #1 Part I (TN 258090-1), Subsection 8.1.6, pp. 22 to 23</u>	No	See DR HAZ-6 <u>See REV 1 DR HAZ 3 and REV 1 DR HAZ 4</u>
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Subsection 4.5.5, Table 4.5-2, pp. 4.5-12 to 4.5-14, Subsections 4.5.5.1 to 4.5.5.4, pp. 4.5-14 to 4.5-18 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 8.1.7, pp.23 to 25</u>	No	See DR HAZ-7 <u>See REV 1 DR HAZ 5</u>
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Subsection 4.5.6, Table 4.5-3, p. 4.5-19	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: **Hazardous Materials Handling**
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Aurie Patterson
 Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Subsection 4.5.6, p. 4.5-18 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 8.1.8, pp. 25 to 26</u>	No <u>Yes</u>	See DR HAZ-8
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Subsection 4.5.7, p. 4.5-19	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Project Description
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: R. Longman/L. Worrall
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (b) (1)	In a section entitled, "Generation Facility Description, Design, and Operation" provide:	-	--	--
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), (or appropriate map scale agreed to by staff) along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Appendix 1A Data Request Response #1 Part I (TN 258090-1), Figure 7	No <u>Yes</u>	See DR-PD-1
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities to establish the accuracy of the photo simulations required in sections (a)(1)(D) and (g)(6)(F);	Appendix 2A Data Request Response #1 Part I (TN 258090-1) Subsection 17.1.15 pp. 52-53; Data Request Response #1 Part II (TN 258090-2), Attachment 13, Attachment 14	No <u>Yes</u>	See DR-PD-2
Appendix B (b) (1) (C)	A detailed description of the design, methods of construction (include depth of excavations and other ground disturbances) and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Subsection 2.2, Subsection 2.3, Subsection 2.4 Data Request Response #1 Part I (TN 258090-1); Data Request Response #1 Part II (TN 258090-2)	No	See DR-AQ-2, DR-GHG-2, DR-GHG-3, DR-HAZ-3, DR-HAZ-7, DR-LAND-1, DR-LAND-2, DR-LAND-3, DR-PD-2, DR-PD-3, DR-PD-4, DR-PD-5, DR-TRANS-6, DR-TRANS-8, DR-TRANS-9, DR-TRANS-10, DR-TSD-1, DR-TSD-2, DR-TSD-3, DR-TSD-4, DR-TSD-7, DR-WS-2 REV 1 DR GHG-1, REV 1 DR HAZ-1, REV 1 DR HAZ-5, REV 1 DR TRANS-2, REV 1 DR TRANS-4, REV 1 DR TRANS-5, REV 1 DR WS-4
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected, and the consideration given to engineering constraints, site geology,	Section 2.1, p. 2-1; Section 5.3 pp. 5-2 to 5-3,	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Project Description
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October
~~May 13, 2024~~
 Technical Staff: R. Longman/L. Worrall
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	environmental impacts, water, waste and fuel constraints, electric transmission constraints, and other factors considered by the applicant.	Subsection 5.5.4 pp. 5-5 to 5-9; Appendix 3A		
Appendix B (b) (2)	In a section titled, "Transmission Lines Description, Design, and Operation" provide:	--	--	--
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s);	Figure 3-1, p. 3-11	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Section 3 <u>Data Request Response #1 Part II (TN 258090-2), Attachment 15</u>	No Yes	See DR-PD-6
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights-of-way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Section 3, pp. 3-1 to 3-3 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 16; Data Request Response #1 Part II (TN 258090-2), Attachment 17, Attachment 18</u>	No Yes	See DR-TSD-1 to DR-TSD-4

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Project Description
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: R. Longman/L. Worrall
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints; and	Subsection 2.2.4, p. 2-4, Subsection 2.2.9, 2-6; Subsection 3.2, p. 3-1	Yes	
Appendix B (b) (3)	Applications for geothermal facilities shall contain the following additional information:	N/A	N/A	N/A
Appendix B (b) (3) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) showing the location of the geothermal leaseholds, along with a description by section, township, range, county, and assessor's parcel numbers of the leaseholds;	N/A	N/A	N/A
Appendix B (b) (3) (B)	Full-page color photographic reproductions of the geothermal leaseholds;	N/A	N/A	N/A
Appendix B (b) (3) (C)	A description of the process by which the geothermal leasehold was selected and the consideration given to engineering constraints, site geology, environmental impacts, water, steam, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant. Include references to any environmental documents which address steam field development;	N/A	N/A	N/A
Appendix B (b) (3) (D)	A detailed description of the type, quality, and characteristics of the geothermal resource, including pressure and temperature flow rates, constituents and concentrations of non-condensable gases, and constituent concentrations of dissolved solids, and	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Project Description
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: R. Longman/L. Worrall
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	descriptions and concentrations of any substances potentially harmful to public health and safety or to the environment;			
Appendix B (b) (3) (E)	Proposed locations of production and re-injection wells for the project. Include the applicant's assessment of geothermal resource adequacy, including the production history of those wells within the leaseholds dedicated to the project, including pressure decline curves as available; and	N/A	N/A	N/A
Appendix B (b) (3) (F)	A discussion of the potential impacts on the temperature, mineral content, and rate of flow of thermal springs affected by the project.	N/A	N/A	N/A
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Subsection 2.5, p. 2-12; Appendix 2C, pp. 11 to 15	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 10 Date: ~~October~~ May 13, 2024
 Technical Area: Traffic and Transportation Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 4.12, pp. 4.12-1 to 4.12-19	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 4.12, pp. 4.12-1 to 4.12-19	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Subsection 4.12.8, p. 4.12-19	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or	Section 4.12, pp. 4.12-1 to 4.12-19	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 10 Date: October 13, 2024
 Technical Area: Traffic and Transportation Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	other adopted local, regional, or statewide plan.			
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Section 4.12 Data Request Response #1 Part I (TN 258090-1), Figure 9	No <u>Yes</u>	See DR TRANS-1
Appendix B (g) (5) (B)	If the proposed project including any linear facility is to be located within four miles of an airport, a planned or proposed airport runway, or an airport runway under construction, discuss the project's compliance with the applicable sections of the current Federal Aviation Regulation Part 77 – Safe, Efficient Use, and Preservation of the Navigable Airspace, specifically any potential to obstruct or impede air navigation generated by the project during construction or operation; such as, a thermal plume, a visible water vapor plume, glare, electrical interference, or surface structure height. The discussion should include:	N/A	N/A	N/A
Appendix B (g) (5) (B) (i)	A map at a scale of 1:24,000 that displays the airport or airstrip runway configuration, the airport influence area including all safety zones, and the proposed power plant site and related facilities.	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 10 Date: October 13, 2024
 Technical Area: Traffic and Transportation Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (ii)	A thermal plume analysis that describes the plume's velocity;	N/A	N/A	N/A
Appendix B (g) (5) (B) (iii)	A discussion of the project's conformance with applicable Airport Land Use Compatibility Plan policies; and	N/A	N/A	N/A
Appendix B (g) (5) (B) (iv)	Copies of FAA Form 7460-1, Notice of Proposed Construction or Alteration, that were submitted or approved for any project component requiring notice.	N/A	N/A	N/A
Appendix B (g) (5) (C)	An evaluation of the project's potential impacts related to vehicle miles traveled (VMT) that may include:	Subsection 4.12.2.2, pp. 4.12-7 to 4.12-8	Yes	
Appendix B (g) (5) (C) (i)	The local jurisdiction's thresholds of significance;	Subsection 4.12.2.2, p. 4.12-7	Yes	
Appendix B (g) (5) (C) (ii)	Methodologies (such as local VMT Evaluation Tool);	Subsection 4.12.2.2, p. 4.12-7	Yes	
Appendix B (g) (5) (C) (iii)	VMT heat maps; and	N/A	N/A	N/A
Appendix B (g) (5) (C) (iv)	Transportation demand management plans and any documents supporting the project applicant's CEQA determination.	Section 4.12 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.2, p. 41</u>	No	See DR TRANS-2 <u>See REV 1 DR TRANS-1</u>
Appendix B (g) (5) (D)	An identification, on topographic maps at a scale of 1:24,000, and a description of existing and planned roads, rail lines, (including light rail), bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed	Section 4.12 <u>Data Request Response #1 Part I (TN 258090-1), Figure 10, PDF p. 93</u>	No <u>Yes</u>	See DR TRANS-3

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 1.0 Date: October 13, 2024
 Technical Area: Traffic and Transportation Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	facility. For each road identified, include the following, where applicable:			
Appendix B (g) (5) (D) (i)	Road classification and design capacity;	Subsection 4.12.2.3.3, p. 4.12-11	Yes	
Appendix B (g) (5) (D) (ii)	Current daily average and peak traffic counts;	Subsection 4.12.2.3.4, p. 4.12-11 Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.4, p. 42	No <u>Yes</u>	See DR TRANS-4
Appendix B (g) (5) (D) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Subsection 4.12.2.3.4, p. 4.12-11 Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.4, p. 42, Subsection 14.1.6, p. 43	No	See DR TRANS-4, DR TRANS-6 See REV 1 DR TRANS-2
Appendix B (g) (5) (D) (iv)	Weight and load limitations;	Section 4.12 Data Request Response #1 Part I (TN 258090-1), Figure 11, PDF p. 94	No <u>Yes</u>	See DR TRANS-5
Appendix B (g) (5) (D) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Subsection 4.12.1.2.2, Table 4.12-3, p. 4.12-4	Yes	
Appendix B (g) (5) (D) (vi)	An identification of any road features affecting public safety.	Section 4.12, Figure 4.12-6, p. 4.12-31 Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.7, p. 43	No	See DR TRANS-7 See REV 1 DR TRANS-3
Appendix B (g) (5) (E)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified in	--	--	--

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 10 Date: ~~October~~ ~~May 13~~, 2024
 Technical Area: **Traffic and Transportation** Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	(g)(5)(D). Also include anticipated project specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in (g)(5)(D). Include:			
Appendix B (g) (5) (E) (i)	Estimated one-way trip lengths for workers, deliveries, and truck haul trips generated by the construction of the project.	Section 4.12 Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.6, p.43, Subsection 14.1.8, pp.43-44	No	See DR TRANS-6, DR TRANS-8 See REV 1 DR TRANS-4
Appendix B (g) (5) (E) (ii)	Description of public roadways and intersections temporarily or permanently altered by construction and operation including the duration of activities.	Section 4.12 Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.9, p. 44	No	See DR TRANS-9 See REV 1 DR TRANS-5
Appendix B (g) (5) (F)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Section 4.12 Section 4.5, pp 4.5-3 to 4.5-5; Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.10, p. 44	No Yes	See DR TRANS-10
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly	Section 4.12, p. 4.12-18 Data Request Response #1 Part II (TN258090-2), Attachments 11, p. 14 to 15	No Yes	See DR-LAND-7

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x Revision No. 10 Date: October May 13, 2024
 Technical Area: Traffic and Transportation Project: Compass Energy Storage Project Technical Staff: Steve Brown
 Project Manager: Renee Longman/Lisa Worrall Docket: 24-OPT-02 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Subsection 4.12.5, p. 4.12-19	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 4.12 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 14.1.11, p. 44</u>	No <u>Yes</u>	See DR TRANS-11
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Subsection 4.12.7, p. 4.12-19	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Subsection 4.13; Subsection 4.13.2.1, pp. 4.13-3 to 4.13-6; Subsection 4.13.2.3, pp. 4.13-8 to 4.13-9; Subsection 4.13.2.4, pp. 4.13-9 to 4.13-11; Subsection 4.13.3, p. 4.13-11	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Subsection 4.13; Subsection 4.13.2.1, pp. 4.13-3 to 4.13-6; Subsection 4.13.2.3, pp. 4.13-8 to 4.13-9; Subsection 4.13.2.4, pp. 4.13-9 to 4.13-11; Subsection 4.13.3, p. 4.13-11	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Subsection 4.13.8, p. 4.13-13	Yes	
Appendix B (g) (1)	... provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation, and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection (or a combination	Subsection 4.13, pp. 4.13-1 to 4.13-24	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	of) used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (6) (A)	Provide a description of the existing landscape (built or natural) where the proposed project is to be sited and the vicinity, and along the proposed routes for any aboveground project-related linear facilities. Include:	Subsection 4.13.1, pp. 4.13-1 to 4.13-3	Yes	
Appendix B (g) (6) (A) (i)	Show on a map(s) (pinpoint) any designated or recognized scenic vista and scenic resource within a five-mile radius of the project and one-mile radius of a project-related linear facility. Include:	Subsection 4.13.1.1, p. 4.13-2; Subsection 4.13.2.1.4, pp. 4.13-4 to 4.13-5 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.3, pp. 48 to 49; Subsection 17.1.4, p. 49; and Figure 12</u>	No	See DR VIS-3, DR VIS-4
Appendix B (g) (6) (A) (i) a.	Any designated scenic vista and scenic resource in an adopted federal, state, county, or city government planning document, plan, or regulation.	Subsection 4.13.1.1, p. 4.13-2; Subsection 4.13.2.4, pp. 4.13-10 to 4.13-11 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.3, pp. 48 to 49; Subsection 17.1.4, p. 49; Subsection 17.1.5, pp. 49 to 50; and Figure 12</u>	No	See DR VIS-3, DR VIS-4, DR VIS-5
Appendix B (g) (6) (A) (i) b.	A natural feature or object that is a part of the land, such as a geologic distinguishing	Subsection 4.13.1.1, p. 4.13-2; Subsection	No	See DR VIS-3, DR VIS-4, DR VIS-6

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	characteristic (e.g., laccolith), geomorphologic feature (e.g., gorge), or other terrain feature (e.g., a water body, open space, or a tree recognized for its aesthetic, botanical and ecological value, or age, rarity, and size).	4.13.2.1.4, pp. 4.13-4 to 4.13-5 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.3, pp. 48 to 49; Subsection 17.1.4, p. 49; Subsection 17.1.6, p. 50; and Figure 12</u>		
Appendix B (g) (6) (A) (i) c.	A man-made feature or object that embodies elements of architecture or engineering design, detail, materials or craftsmanship that represent a significant innovation or is unique, such as the California State Capitol, Golden Gate Bridge, or Hollywood Sign.	Subsection 4.13.1.1, p. 4.13-2; Subsection 4.13.2.1.4, pp. 4.13-4 to 4.13-5 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.3, pp. 48 to 49; Subsection 17.1.4, p. 49; Subsection 17.1.7, p. 50; and Figure 12</u>	No	See DR VIS-3, DR VIS-4, DR VIS-7
Appendix B (g) (6) (A) (i) d.	Explain does the project eliminate or obstruct the public view (the visible area from a location where the public has a legal and physical right of access to real property) of a scenic vista and scenic resource? Is the project situated so that it changes the visual aspect of a scenic resource by being different or in sharp contrast?	Subsection 4.13.2.1.4, pp. 4.13-4 to 4.13-5	Yes	
Appendix B (g) (6) (A) (ii)	Describe the existing nighttime lighting on the project site and in the vicinity.	Subsection 4.13.2.1, p. 4.13-5 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.8, pp. 50 to 51</u>	No <u>Yes</u>	See DR VIS-8

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (B)	In accordance with CEQA Guidelines as found in 14 CCR Division 6, Chapter 3, Appendix G Environmental Checklist Form, I. Aesthetics c, if the project is to be constructed within an "urbanized area" as defined in Public Resources Code section 21071, explain the project's conformance with the city/county General Plan, and city municipal code or county government code (e.g., zoning) governing scenic quality.	Subsection 4.13.2.4, pp. 4.13-9 to 4.13-11 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.9, p. 51</u>	No	See DR VIS-9
Appendix B (g) (6) (C)	In accordance with CEQA Guidelines as found in 14 CCR Division 6, Chapter 3, Appendix G Environmental Checklist Form, I. Aesthetics c, if the project is to be constructed within a non-urbanized area provide the following:	--	--	--
Appendix B (g) (6) (C) (i)	Show on a map the pinpoint location of the key observation point(s) (KOP) for the project. A KOP is a fixed position in a publicly accessible location where a public view of the project is analyzed and/or evaluated in the landscape. Objects of aesthetic significance are the primary focus in the KOP selection.	Subsection 4.13.2.3.1, p. 4.13-8; Figure 4.13-1, p. 4.13-15	Yes	
Appendix B (g) (6) (C) (ii)	If an object of aesthetic significance is not in the vicinity of the project, a KOP is to be selected based on importance to stakeholders, visibility, direct public selection, worst-case scenario, or other reason. Explain the reason the KOP was chosen. At a minimum two KOPs are to be selected.	Subsection 4.13.2.3.1, p. 4.13-8; Figure 4.13-1, p. 4.13-15	Yes	
Appendix B (g) (6) (C) (iii)	Provide a color photograph(s) showing an actual line of sight at eye level during daytime and clear weather from the KOP to the project	Subsection 4.13.3.1.2, p. 4.13-3; Figure 4.13-2, Figure 4.13-3, pp. 4.13-17,	No	See DR VIS-10

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	site prior to any alteration (existing condition). The photographer at the KOP is to use a standard lens. For each photograph provide the following information: camera type, lens focal length, viewing angle; date and time the photograph was taken, and the distance to the project site.	4.13-21 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.10, p. 51</u>		
Appendix B (g) (6) (C) (iv)	Using the photograph from the KOP provide a spatially accurate and realistically photo manipulated computer simulated image of the project (photo-realistic simulation) one-year after completion of construction (existing condition plus proposed project).	Subsection 4.13.2.3.1, pp. 4.13-8 to 4.13-9; Figures 4.13-2a and 4.13-3a, pp. 4.13-19 and 4.13-23; Appendix 2B <u>Data Request Response #1 Part I (TN 258090-1), Subsections 17.1.1 and 17.1.2 p. 48</u>	No	See DR VIS-1 DR VIS-2 <u>REV1 DR VIS-1 and REV 1 DR VIS-2</u>
Appendix B (g) (6) (C) (v)	The KOP photograph and the photo-realistic simulation are to be capable of 11" x 17" color print by a printer capable at a minimum 600 dots per inch output resolution.	Subsection 4.13.3.1.2, p. 4.13-3; Figures 4.13-2, 2a, 3, and 3a, pp. 4.13-17 to 4.13-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.11, p. 51</u>	No	See DR VIS-11
Appendix B (g) (6) (C) (vi)	Provide a copy of the KOP photograph(s) and photo-realistic simulation(s) in an electronic file.	Section 4.13, Figures 4.13-2, 2a, 3, and 3a, pp. 4.13-17 to 4.13-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 17.1.12, p. 51; and 17.1.13, pp. 51 to 52</u>	No	See DR VIS-12, DR VIS-13

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (D)	Show and describe the project in the landscape.	Section 2; Appendix 2A; Subsection 4.13.2.3, pp. 4.13-8 to 4.13-9; Figure 4.13-2a, Figure 4.13-3a, pp. 4.13-19, 4.13-23 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.14, p. 52; and Table 7, pp. 52 to 53</u>	No Yes	See DR-VIS-14
Appendix B (g) (6) (D) (i)	Provide an 8.5" x 11" sized scaled elevation(s) of project buildings, structures, and major equipment; a table listing their dimensions (height, length, width, diameter).	Subsection 4.13.2.2.1, pp. 4.13-6 to 4.13-7 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 17.1.14, p. 52 and 17.1.15, p. 52; and Table 7, pp. 52 to 53</u>	No Yes	See DR-VIS-14, DR-VIS-15
Appendix B (g) (6) (D) (ii)	Provide a table and description of the exterior surface treatments and finishes for the buildings, structures, major equipment (e.g., colors, flat and/or textured finishes), and structural materials.	Subsection 4.13.2.2.1, pp. 4.13-6 to 4.13-7 <u>Data Request Response #1 Part I (TN 258090-1), Subsections 17.1.14, p. 52, 17.1.15, p. 52, and 17.1.16, p. 52; and Table 7, pp. 52 to 53</u>	No Yes	See DR-VIS-16
Appendix B (g) (6) (D) (iii)	Describe project specific architectural treatment or design technique mitigation unique to the project's siting at the location (e.g., camouflage, disguise, screen), if any.	Subsection 4.13.2.2.1, pp. 4.13-6 and 4.13-9, Subsection 4.13.2.2.4, p. 4.13-7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (D) (iv)	Provide a project specific conceptual landscape design plan that conforms with the city municipal code or county government code. Include:	Appendix 2B <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.17, p. 53, and Data Request Response #1 Part II (TN 258090-2), Attachment 20 (Updated Conceptual Landscape Plan), Sheet LS-3</u>	No <u>Yes</u>	See DR-VIS-17
Appendix B (g) (6) (D) (iv) a.	the type of plant and/or tree species, location, quantity, size, spacing at installation/planting, expected growth rates, and expected heights at one-year, five years, and maturity. Specify irrigation system components and show their locations.	Appendix 2B <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.18, p. 53, and Data Request Response #1 Part II (TN 258090-2), Attachment 20 (Updated Conceptual Landscape Plan), Sheets LS-3 and LS-6</u>	No <u>Yes</u>	See DR-VIS-18
Appendix B (g) (6) (D) (iv) b.	the calculated total pervious surface amount for the project site; include the surface to be replaced, the new surface, and the total area to be landscaped.	Appendix 2B <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.18, p. 53, and Data Request Response #1 Part II (TN 258090-2), Attachment 20 (Updated Conceptual Landscape Plan), Sheets LS-3 and LS-6</u>	No <u>Yes</u>	See DR-VIS-18

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (D) (v)	Provide a project specific conceptual outdoor lighting control and management plan (lighting plan) and explain the control of reflectance from exterior surfaces offsite that conform with the city municipal code or county government code.	Subsection 4.13.2.2.3, p. 4.13-7, Subsection 4.13.2.3.2, p. 4.13-9 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.19, p. 54</u>	No	See DR VIS-19
Appendix B (g) (6) (D) (v) a.	Provide a list of the project-specific luminaires, identify the design (e.g., full cutoff, semi cutoff, non cutoff) and indicate if the luminaires have the International Dark-Sky Association Fixture Seal of Approval to the extent feasible consistent with safety and security considerations. Show the project-specific luminaires locations on a diagram or elevation.	Subsection 4.13.2.2.3, p. 4.13-7, Subsection 4.13.2.3.2, p. 4.13-9 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.20, p. 54</u>	No	See DR VIS-20
Appendix B (g) (6) (D) (v) b.	Describe reflectance, the intensity of the specular reflectance from the exterior surface of the project's large buildings, structures, and major equipment offsite to the surrounding area (e.g., the light reflected from the shiny surface). The reflectance of the object—how bright it shines—depends on the intensity of the light striking it and the materials from which it is made (e.g., glass, reinforced concrete, structural steel).	Section 4.13 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.21, p. 54, and Table 7, p. 52 to 53</u>	No	See DR VIS-21
Appendix B (g) (6) (E)	If the project is to use a cooling tower emitting a publicly visible water vapor plume (visible plume) in the atmosphere provide the following information:	N/A	N/A	N/A
Appendix B (g) (6) (E) (i)	Provide the cooling tower's number of fan cells, the fan cell stack height and diameter, the	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	exhaust mass flow rate, heat rejection rate, and exhaust temperature.			
Appendix B (g) (6) (E) (ii)	Provide fogging curves specific to the cooling tower's exhaust discharge for at least three ambient air temperature conditions (a low, average, and high temperature condition).	N/A	N/A	N/A
Appendix B (g) (6) (E) (iii)	Explain if the project's forecasted visible plume emitted in the atmosphere by the cooling tower would eliminate or obstruct an existing public view of a designated or recognized scenic vista, scenic resource, and the existing visual character or quality of public views of the site and its surroundings.	N/A	N/A	N/A
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Subsection 4.13.2.4, pp. 4.13-9 to 4.13-11, Subsection 4.13.5, pp. 4.13-11 to 4.13-13	Yes	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive	Subsection 4.13.2.2.3, p. 4.13-7, Subsection 4.13.2.3.2, p. 4.13-9 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.22, p. 55; Data Request Response #1 Part II</u>	No <u>Yes</u>	See DR-VIS-22

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete
 Technical Area: Visual Resources
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 1-0 Date: October 13, 2024
 Technical Staff: Michael Clayton
 Technical Senior: Steven Kerr

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	authority of the commission to certify sites and related facilities.	<u>(TN258090-2), Attachment 11 and 12</u>		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and also provide the name of the official who will serve as a contact person for Commission staff.	Subsection 4.13.6, p. 4.13-13 <u>Data Request Response #1 Part I (TN 258090-1), Subsection 17.1.23, p. 55; Data Request Response #1 Part II (TN258090-2), Attachment 11 and 12</u>	No <u>Yes</u>	See DR-VIS-23
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Subsection 4.13.7, p. 4.13-13	Yes	

DATA COMPLETENESS WORKSHEET

October ~~May 13,~~

Completeness: Complete _____ Incomplete x

Revision No. 1 0 Date: 2024

Technical Area: Wildfire

Project: Compass Energy Storage Project

Technical Staff: Aurie Patterson

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Subsection 4.17, p. 4.17-1, Subsection 4.17-2, pp. 4.17-5 to 4.17-13; Appendix 4.17A <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17, p. 4.17.1, Subsection 4.17.2, pp. 4.17-5 to 4.17-14, Attachment C, Appendix 4.17A</u>	No <u>Yes</u>	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Subsection 4.17, p. 4.17-1; Appendix 4.17A <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17, p. 4.17-1, Attachment C, Appendix 4.17A</u>	No <u>Yes</u>	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Subsection 4.17.8, pp. 4.17-25 to 4.17-26 <u>Update Regarding Selected Battery Storage Technology</u>	No <u>Yes</u>	

DATA COMPLETENESS WORKSHEET

October ~~May 13,~~

Completeness: Complete _____ Incomplete x

Revision No. 1 Date: 2024

Technical Area: Wildfire

Project: Compass Energy Storage Project

Technical Staff: Aurie Patterson

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>and Fire Protection (TN259023), Attachment B, Subsection 4.17.8, pp. 4.17-25 to 4.17-26</u>		
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 4, pp. 4-1 to 4-7, Subsection 4.17.1, pp. 4.17-1 to 4.17-5, Subsection 4.17-2, pp. 4.17-5 to 4.17-13, Subsection 4.17.4, pp. 4.17-13 to 4.17-14, Subsection 4.17.5.3, pp. 4.17-21 to 4.17-24, Subsection 4.17-3, pp. 4.17-11 to 4.17-13; Appendix 4.17A <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17.1, pp. 4.17-1 to 4.17-5, Subsection 4.17.2, pp. 4.17-5 to 4.17-13, Subsection 4.17.4, pp. 4.17-13 to 4.17-14, Subsection 4.17.5.3, pp. 4.17-21 to 4.17-24, Subsection 4.17-3, pp.</u>	No	See DR FIRE-1 to DR FIRE-4 <u>See REV 1 DR FIRE-1 to REV 1 DR FIRE-4</u>

DATA COMPLETENESS WORKSHEET

October ~~May 13,~~

Completeness: Complete Incomplete

Revision No. 10

Date: 2024

Technical Area: Wildfire

Project: Compass Energy Storage Project

Technical Staff: Aurie Patterson

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>4.17-11 to 4.17-13, Attachment C, Appendix 4.17A</u>		
Appendix B (g) (19) (A)	A map showing State Responsibility Areas (SRA,) as defined in Public Resources Code section 4102, relative to the proposed project.	Appendix 4-17A, Exhibit 1 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Figure 4.17-1, Attachment C, Appendix 4-17A, Exhibit 1</u>	No <u>Yes</u>	
Appendix B (g) (19) (B)	A map showing state Fire Hazard Severity Zones, as defined in 14 CCR section 1280.01, relative to the proposed project.	Appendix 4-17A, Exhibit 2, Exhibit 3 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Figures 4.17-2 and 4.17-3, Attachment C, Appendix 4-17A, Exhibits 2 and 3</u>	No <u>Yes</u>	
Appendix B (g) (19) (C)	If the project would be in the vicinity of an SRA or a Very High Fire Hazard Severity Zone, as defined in 14 CCR section 1265.00, provide:	--	--	--
Appendix B (g) (19) (C) (i)	Local emergency response or evacuation plans and a description of how the proposed project could influence their effectiveness.	Subsection 4.12.2.10, p. 4.12-14; Subsection 4.17.1.7, pp. 4.17-4 to	No <u>Yes</u>	

DATA COMPLETENESS WORKSHEET

October ~~May 13,~~

Completeness: Complete Incomplete

Revision No. 10

Date: 2024

Technical Area: Wildfire

Project: Compass Energy Storage Project

Technical Staff: Aurie Patterson

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		4.17-5, Subsection 4.17.2.3.1, p. 4-17-6 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17.1.7, pp. 4.17-4 to 4.17-5, Subsection 4.17.2.3.1, p. 4-17-6</u>		
Appendix B (g) (19) (C) (ii)	A discussion of how potential project pollutants could be contained onsite during a wildfire event.	Subsection 4.17.2.3.2, pp. 4.17-9 to 4.17-10 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17.2.3.2, pp. 4.17-9 to 4.17-10</u>	Yes No	<u>See REV 1 DR FIRE-5</u>
Appendix B (g) (19) (C) (iii)	A description of infrastructure that would be built or maintained (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate the risk of wildfire.	Subsection 4.17.2.3.3 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17.2.3.3</u>	No Yes	
Appendix B (g) (19) (C) (iv)	Describe people or structures downslope or downstream of the proposed project that	Subsection 4.4.1.4.4, pp. 4.4-3 to 4.4-4, Subsection	No Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete x
 Technical Area: Wildfire
 Project Manager: Renee Longman/Lisa Worrall

Project: Compass Energy Storage Project
 Docket: 24-OPT-02

Revision No. 10 Date: October 13, 2024
 Technical Staff: Aurie Patterson
 Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	could be impacted by flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.	4.4.2.2, pp. 4.4-5 to 4.4-6; Subsection 4.17.2.3.4, pp. 4.17-10 to 4.17-11; <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN259023), Attachment B, Subsection 4.17.2.3.4, pp. 4.17-10 to 4.17-11</u>		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Worker Safety

Project: Compass Energy Storage Project

Technical Staff: Alvin Greenberg Steve De Young

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Subsection 4.16	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	N/A	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Subsection 4.16.5, p. 4.16-19	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Worker Safety

Project: Compass Energy Storage Project

Technical Staff: Alvin Greenberg Steve De Young

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	other adopted local, regional, or statewide plan.			
Appendix B (g) (11) (A)	A description of the safety training programs that will be required for construction and operation personnel.	Subsection 4.16.1, p. 4.16-1, Table 4.16-1, p. 4.16-1, Table 4.16-2, p. 4.16-3, Table 4.16-3, p. 4.16-14, Table 4.16-4, p. 4.16-15 Data Request Response #1 Part I (TN 258090-1)	No	See DR-WS-1, DR-WS-2 See REV1 DR WS-1
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Subsection 4.16.1.4, p. 4.16-16; Subsection 2.2.10, p. 2-6	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	--	--	--
	Construction Health and Safety Program: <ul style="list-style-type: none"> Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509); 	Subsection 4.16.1.3.1, p.4.16-5; Table 4.16-3, p. 4.16-15 Data Request Response #1 Part I (TN 258090-1); Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023), Attachment A	No	See DR-WS-1 See REV1 DR WS-1 and REV1 DR WS-2
	<ul style="list-style-type: none"> Fire Protection and Prevention Plan (8 Cal. Code Regs., section 1920); 	Subsection 2.2.10, p. 2-6; Subsection 4.16.1.2, p. 4.16-1, Table 4.16-1, p. 4.16-2 Update Regarding Selected Battery Storage	No	See DR-WS-3 See REV1 DR WS-3 and REV1 DR WS-4

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Worker Safety

Project: Compass Energy Storage Project

Technical Staff: Alvin Greenberg Steve De Young

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		<u>Technology and Fire Protection (TN 259023), Attachments A, B, C</u>		
	<ul style="list-style-type: none"> Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522) 	Subsection 4.16.1.3.1, p. 4.16-6	Yes	
	Operation Health and Safety Program: <ul style="list-style-type: none"> Injury and Illness Prevention Program (8 Cal. Code Regs., §3203); 	Subsection 4.16.1.3.2, p. 4.16-10, Table 4.16-4, p. 4.16-15 <u>Data Request Response #1 Part I; Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023), Attachment A</u>	No	See DR WS-2 <u>See REV1 DR WS-1 and REV1 DR WS-2</u>
	<ul style="list-style-type: none"> Fire Prevention Plan (8 Cal. Code Regs., § 3221); 	Subsection 2.2.10, p. 2.2-6; Subsection 4.16.1.3.2, p. 4.16-10, Table 4.16-4, p. 4.16-16 <u>Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023), Attachments A, B, C</u>	No	See DR WS-3 <u>See REV1 DR WS-3 and REV1 DR WS-4</u>
	<ul style="list-style-type: none"> Emergency Action Plan (8 Cal. Code Regs., § 3220); 	Subsection 4.16.1.3.2, p. 4.16-10, Table 4.16-4, p. 4.16-16	Yes	
	<ul style="list-style-type: none"> Personal Protective Equipment Program (8 Cal. Code Regs., §§3401-3411). 	Subsection 4.16.1.3.2, p. 4.16-10, Table 4.16-4, p. 4.16-16	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Worker Safety

Project: Compass Energy Storage Project

Technical Staff: Alvin Greenberg Steve De Young

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Subsection 4.16.2, p. 4.16-17, Table 4.16-5, p. 4.16-17	Yes	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	N/A	N/A	N/A
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Subsection 4.16.3, p. 4.16-18, Table 4.16-6, p. 4.16-18	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission	N/A	N/A	

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. 1-0 Date: October 13, 2024

Technical Area: Worker Safety

Project: Compass Energy Storage Project

Technical Staff: Alvin Greenberg ~~Steve De Young~~

Project Manager: Renee Longman/Lisa Worrall

Docket: 24-OPT-02

Technical Senior: Brett Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	will be obtained and the steps the applicant has taken or plans to take to obtain such permits.			

Attachment B

REV 1 Data Requests

Attachment B Revision 1 Data Requests

MANDATORY OPT-IN REQUIREMENTS

California Code of Regulations title 20, section 1877(f) requires Opt-In Applications to identify preliminary information demonstrating overall net positive economic benefit to the local government that would have had permitting authority over the site and related facility, consistent with Public Resources Code section 25545.9. California Code of Regulations title 20, section 1879(a)(7) further states that the net positive benefits identified in an Opt-In Application may include, but are not limited to the following: (a) employment growth, (b) housing development, (c) infrastructure and environmental improvements, (d) assistance to public schools and education, (e) assistance to public safety agencies and departments, and (f) property taxes and sales and use tax revenues.

The applicant's Opt-In Application and Data Request Response #1 Part I (TN 258090-1) includes an Economic and Public Revenue Impact Study (TN 255577-10), which uses the IMPLAN model, an Input/Output modeling framework, to calculate gross positive economic benefits to the City of San Juan Capistrano and to Orange County (pp. 13 to 23). However, the study and Data Request Response #1 do not provide a calculation of the net positive economic benefit to the local government (i.e., City of San Juan Capistrano) per the requirements of California Code of Regulations title 20, section 1877(f). For example, the economic metrics provided for employment (e.g., employment, full-time equivalent [FTE], job-year, employee compensation; p.14) do not account for a net change in these metrics. While information provided in the original application material and the Data Request Response #1 contain the gross positive benefits to the City of San Juan Capistrano, and the model assumptions, there are no assumptions included in the applicant's IMPLAN impacts for any "negative events" (as defined by IMPLAN) to include in the calculation of net benefits. Therefore, an overall net positive economic benefit to the City of San Juan Capistrano has not been demonstrated.

A net analysis should consider all project-related economic effects that result from a change in production or spending in the economy. A model that calculates net positive economic benefit would incorporate other economic impacts (or what are known as "negative events" in IMPLAN) beyond the overall gross impacts of the project such as:

- The opportunity cost of investment in the proposed project;
- Projected cost of the city providing services to the project;
- Local economic development losses associated with the displacement of an existing energy source; or
- Potential increases or decreases in electricity rates or fuel prices resulting from project investments in new energy storage infrastructure.

A net analysis should also include the gain and loss of jobs when calculating the net employment impact. A net analysis will consider the differences of the economic outputs from the proposed project versus the outputs from the current use at the project site. Specific assumptions for positive, and negative effects to the industry from the project must be made to estimate the net benefits specifically.

To determine the net economic benefits to the City of San Juan Capistrano, CEC economics staff are developing an economic model. To obtain accurate estimates, the staff requests the applicant to provide further information on the technology by filling out the data categories in the following table:

Industry Sector	Value (in Dollars)	Local Share (in Dollars)
Plant Investment Hardware		
Plant Installation		
Maintenance, Year 1		
Plant Earnings, Year 1		
Government Permitting		
Government Revenue, Year 1		
Property Tax, Local		
Sales Tax on Installation		
TOTAL		

REV 1 DR MAND-1. Per California Code of Regulations, title 20, section 1877(f) requirement, please provide responses to the following questions:

- a. What is the total value of the plant hardware and what is the local share allocation?
- b. Is there a utility interconnect fee for this BESS facility? If so, what is the local share? What is the total dollar value for construction and BESS installation? What is the estimated local share for City of San Juan Capistrano?
- c. What is the total maintenance per year for the plant and the local share?
- d. What is the expected annual operating revenue of the facility? What share of that benefit is estimated to be allocated to City of San Juan Capistrano?
- e. Are there any permitting fees for the construction of this BESS facility in the City of San Juan Capistrano? If so, what are the values in dollars?
- f. What is the annual income tax for the proposed BESS facility? What allocation has been made for the local share of taxes for City of San Juan Capistrano?
- g. What is the estimated property tax for the BESS facility per year? What is the local share allocation for City of San Juan Capistrano?

- h. What is the estimate for sales tax related to BESS installation? What is the local share for City of San Juan Capistrano?

Staff also has reviewed "Update Regarding Selected Battery Storage Technology and Fire Protection" (TN 259023) and has additional questions specific to the Tesla Megapack 2XL technology that will be used in the project. This information will be incorporated into the economic model to calculate net benefits of the project.

REV 1 DR MAND-2. Per California Code of Regulations title 20, section 1877(f) requirement related to net economic benefits, please provide responses to the following questions:

- a. What is the estimated round-trip efficiency of the Tesla Megapack 2XL technology system over 35 years?
- b. What is the estimated degradation factor of the Tesla Megapack 2XL technology system over 35 years?
- c. Does the Tesla Megapack 2XL technology system qualify for a federal tax credit? If so, what is the rate of the credit and the total dollar value of the tax credit?

GREENHOUSE GAS EMISSIONS (CLIMATE CHANGE)

In the applicant's response to DR GHG-3 (Data Request Responses #1 Part I [TN 258090-1]), it was stated that SF6 would not be used in the gas-insulated equipment (GIE).

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.

ALTERNATIVES

On September 6, 2024, an Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023) was filed which indicated that the applicant had made a commitment to procure Tesla Megapack 2XL technology for the project.

CEC Worker Safety and Fire Protection staff's initial review of UL9540A test results for this type of battery energy storage system (BESS) indicates that the chances for cell thermal runaway are high and for escalation to a unit or units are moderately high. Potentially significant impacts to worker safety and fire protection and public health could result from a fire in a BESS producing toxic gas emissions to the atmosphere, with limited site and fire water access, and the proximity to populations, sensitive receptors, railways, and heavily traveled highways or roadways.

REV 1 DR ALT-1. Please identify additional alternative locations (sites) that may be better suited in terms of site and fire water access, distances to populations,

sensitive receptors, railways, and heavily traveled highways or roadways, which could reduce or avoid potential impacts resulting from emissions to the atmosphere of toxic gases from a BESS fire. Provide an assessment of potential feasibility of locating the project at the alternative sites and describe the ability to attain the project objectives at the alternative sites.

REV 1 DR ALT-2. Please describe which alternative battery technologies you have considered, specifically ones that fail to catch fire under normal or stressed conditions (e.g., aqueous flow batteries using iron, zinc, vanadium; or lithium titanium oxide batteries, and others) and thus may be better suited in terms of site and fire water access, distances to populations, sensitive receptors, railways, and heavily traveled highways/roadways than the Tesla Megapack 2XL BESS. Provide an assessment of potential feasibility of the alternative battery technologies and describe the ability to attain the project objectives using the alternative battery technologies.

BIOLOGICAL RESOURCES

Staff reviewed the data request responses and the project revision information. In reviewing the jurisdictional delineation report in Attachment 3 of Data Request Response #1 Part 1 (TN258090-1), staff identified a discrepancy between Section 5.4 Vegetation Communities and Land Covers and Figure 4A Biological Resources. Section 5.4 identifies *Artemisia Californica* Association as a vegetation community occurring “near the southern tip of the Project and is mapped adjacent to the Oso Creek Trail. Figure 4A does not indicate the location of *Artemisia Californica* Association or show the vegetation clearly on the map.

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.

CULTURAL AND TRIBAL CULTURAL RESOURCES

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.

HAZARDOUS MATERIALS HANDLING

The Data Request Response to DR HAZ 4 (Data Request Response #1 Part I [TN 258090-1], Subsection 8.1.4, pp. 19 to 20) includes some discussion of toxic vapors/emissions from battery cell and potential emissions of electrolyte coolant that could be released inside the battery container by the fire suppression system. However, as described in the updated project description and updated Wildfire and Fire Protection Section (Update Regarding Selected Battery Storage Technology and Fire Protection [TN259023]), the selected battery technology/system would not include a fire suppression system but would instead include a fire protection system.

REV 1 DR HAZ-1. Please provide an updated discussion of the toxic vapors/emissions that could be produced if a battery is damaged, or thermal runaway occurs based on the updated battery system information and fire protection system.

The Data Request Response to DR HAZ 5 (Data Request Response #1 Part I [TN 258090-1], Subsection 8.1.5, pp. 20 to 22) includes a discussion of hazardous materials likely to be stored or used onsite during operation or construction, and identifies the greatest potential for spill and leaks is from construction equipment and activities. However, hazardous materials would be used during both construction and operation, and if inadvertently spilled or leaked, could cause adverse impacts. The data response only includes discussion of measures/procedures to be taken to prevent spill and leaks during project construction. No discussion is included regarding measures/procedures to reduce risks of spill or leaks or measures/procedures to be taken in the event of spill or leaks during project operation.

REV 1 DR HAZ-2. Please provide a discussion of the potential for hazardous materials spills or leaks from hazardous materials used and/or stored onsite during operation, and measures/procedures that would be used to reduce the risk of spills or releases during project operation and resulting adverse effects to people and the environment.

The Data Request Response to DR HAZ 6 (Data Request Response #1 Part I [TN 258090-1], Subsection 8.1.5, pp. 22 to 23) provides a discussion of explosion risk for the identified missing subsection. The discussion notes the currently selected battery system technology, the Tesla Megapack 2XL (MP2XL) would have fire protection and explosion control systems, provides a summary of these systems, and further discusses the regulations MP2XL is designed to, and notes MP2XL has undergone UL 9540A testing. The explosion control system would include overpressure vents and sparkers to vent and ignite flammable gasses, if a thermal runaway event occurs, to reduce risk of explosion.

REV 1 DR HAZ-3. Please provide copies of the UL 9540A report for the MP2XL battery system

REV 1 DR HAZ-4. Please provide a schematic of the battery container and the fire protection and explosion control systems and a detailed description of these systems.

The Data Request Response to DR HAZ 6 (Data Request Response #1 Part I [TN 258090-1], Subsection 8.1.5, pp.22 to 23) identifies several NFPA design regulations that are key to battery system hazards that are not included in Subsection 4.5.5 - Laws, Ordinances, Regulations, and Standards nor the accompanying table (Table 4.5-2).

REV 1 DR HAZ-5. Please provide a summary of the NFPA regulations discussed in Data Response DR HAZ 6 (NFPA 68, 69, and 855) as they relate to the design of the selected battery system (MP2XL) and update Table 4.5-2.

TRAFFIC AND TRANSPORTATION

REV 1 DR TRANS-1. The applicant's VMT analysis dismisses construction-related VMT. Per Table 4.12-8 on Application page 4.12-10, the site would experience over 1,000 trips per day (PCE adjusted) during the peak of construction, and construction would last over a year. Additionally, many of those truck trips would be long-distance (construction materials), and the worker pool would likely be mostly from outside of the County of Orange due to socio-economic conditions.

The application seems to rely upon this statement on page 4.12-8: "The guidance from the City does not require VMT analysis for construction projects." This is not a construction project/transportation project, as categorized in the City's Project VMT Significance Thresholds, but rather a construction phase of an industrial development. Please identify if the construction phase would be in compliance with the City's VMT impact criteria for office and industrial land uses where a project would have a significant impact if the project VMT exceeds the City average VMT/employee minus 15 percent (Application page 4.12-7).

REV 1 DR TRANS-2. The response for DR TRANS-6 (Data Request Response #1 Part I [TN 258090-1]) re-states the vague discussion in the application. Yes, there are interchanges to the north and south, but that is not related to the question of where would trips be coming from, for both workers and construction materials. Namely, what percentage of construction materials would be from the north versus the south? Similarly, what would be the origins of construction workers?

REV 1 DR TRANS-3. The response to DR TRANS-7 (Data Request Response #1 Part I [TN 258090-1]) suggests an alternative to using smaller trucks for deliveries could be to remove the existing median to accommodate inbound trucks that have a longer wheelbase than WB-40. Removal of the median may result in safety issues

because the installation of the existing median and requirement that all eastbound vehicles turn right was likely developed, in part, to reduce the likelihood that a vehicle queue would reach the adjacent railroad tracks. In addition to including the possible use of pedestrian detours and flagmen in the traffic control plan if the median is temporarily removed, please identify additional physical measures that could be implemented that would address potential safety issues from vehicles queuing at the railroad tracks.

REV 1 DR TRANS-4. Why is a default assumption from a statewide model (CalEEMod as stated in response to DR TRANS-8) that is based upon land uses a reasonable estimate for construction-related traffic to this site? Would the workforce be within the expected radius (18-mile average)? Would the source of materials be sufficiently local to justify the 20-mile assumption for haul trucks? These values are related to the VMT discussion in REV 1 DR TRANS-1.

REV 1 DR TRANS-5. Data Request Response #1 Part I (TN 258090-1) to DR TRANS-9, explains the proposed construction access route is through the Saddleback Church campus. How would construction traffic safely interact with church patrons, which includes pedestrians crossing the road while walking from the parking area to the buildings?

The proposed long-term access road appears to connect to the existing street at the location of a permanent structure (guard shack), which would prohibit inbound access to the road. Please provide a description of how the existing entrance will be modified to accommodate both church and project operations.

VISUAL RESOURCES

Appendix B (g) (6) (C) (iv) requires that for each Key Observation Point (View), a spatially accurate and photo-realistic project simulation that represents the scene one year after completion of construction be submitted. This is to include all elements of the project including any proposed landscaping. However, Data Request Response # 1, Part I (TN 258090-1), section 17.1.2, p. 48 states that the project simulations presented in Section 4.13 Visual Resources, Figures 4.13-2a and 4.13-3a illustrate a conceptual landscaping plan that is at a level of vegetation maturity **of approximately 10 years of growth**, well beyond the “one year after completion of construction” requirement.

REV 1 DR VIS-1. Prepare and submit project visual simulations for Views 1, 2, 3 (DR ES-2 additional simulation provided in Data Request Response # 1, Part II [TN 258090-2], Attachment 7), and 4 (DR PD-2 additional simulation provided in Data Request Response # 1, Part II [TN 258090-2], Attachment 13) that illustrate the conceptual landscaping and screening plan at one year after completion of construction, and number those images as Figures 4.13-2a, 4.13-3a, 4.13-4a, and 4.13-5a respectively. The new existing view images provided in the Data Response Attachments 7 and 13 referenced above should be numbered 4.13-4 and 4.13-5 respectively.

REV 1 DR VIS-2. Retain but re-number existing Figures 4.13-2a and 4.13-3a as Figures 4.13-2b and 4.13-3b, respectively, and specify in the caption the time to vegetative maturity (after construction) that is illustrated in the existing simulations (approximately 10 years). Retain the visual simulations provided in the Data Response Attachment 7 and Attachment 13 referenced above but number those images 4.13-4b and 4.13-5b, respectively, and specify in the caption the time to vegetative maturity (after construction) that is illustrated in the simulation (approximately 10 years).

WILDFIRE

Subsection 4.17.2.3.1 of the updated Wildfire and Fire Protection Section (Attachment B in Update Regarding Selected Battery Storage Technology and Fire Protection [TN 259023]), indicates that the “project will prepare an individual detailed Emergency Response Plan (ERP) in coordination with the Orange County Fire Authority (OCFA) and other emergency responders prior to the commencement of construction. This ERP will be based on a Hazard Mitigation Analysis (HMA) prepared by experts and tailored to the specific BESS equipment to ensure prevention and management practices are included in the ERP. This ERP will include and exceed all recommendations included in SB 38, recent California legislation requiring the preparation of ERPs for BESS projects.” No further detail of what information would be included in these documents is provided. Staff also needs clarification and descriptions on construction and operations Emergency Action Plans to better understand practices and procedures planned to address the immediate impacts of equipment/structure fires, wildfire, and BESS fires on emergency access, treatment or removal of injured workers, immediate steps of a needed rescue, and first aid capability.

REV 1 DR FIRE-1. Please provide a summary and outline of the information that would be included in the Hazard Mitigation Analysis (HMA) and Emergency Response Plan (ERP) documents. Please also provide more in-depth Emergency Action Plans (EAP) for the construction and operations phases of the project that describe more than the outline provided which should include site-specific procedures, alarms, worker evacuation or shelter-in-place, and training plus other information.

Subsection 4.17.2.3.2 of the updated Wildfire and Fire Protection Section (Attachment B in Update Regarding Selected Battery Storage Technology and Fire Protection [TN 259023]), indicates the BESS would include built-in failsafe and cooling systems designed to prevent thermal runaway and the spread of fire. Text describing an HVAC cooling system for the BESS has been deleted.

REV 1 DR FIRE-2. Please clarify that the “built-in failsafe” system is the same as the fire protection system and explosion control systems described in the response to DR HAZ-6 (Data Response #1 Part 1 [TN 258090-1]) and the Updated Section 2

Project Description (Attachment A in Update Regarding Selected Battery Storage Technology and Fire Protection [TN 259023]) and provide a detailed description and specification of these systems.

REV 1 DR FIRE-3. Please confirm that the built-in cooling system is not the same as the HVAC cooling system previously described and provide a description of the “built-in cooling system”.

The response to DR FIRE-4 (Data Request Response #1 Part I [TN 258090-1], Subsection 19.1.3, p. 59) indicates that no hazardous materials are present in auxiliary distribution boxes. However, the response does not fully satisfy the data request as it does not include a detailed description of the auxiliary boxes.

REV 1 DR FIRE-4. Please provide a detailed description of the auxiliary distribution boxes.

Subsection 4.17.2.3.2, p. 4.17-8 of the Updated Wildfire and Fire Protection Section (Attachment B in Update Regarding Selected Battery Storage Technology and Fire Protection [TN 259023]) indicates that any potential pollutants generated in the event of a wildfire would be contained within the on-site battery enclosures and that the enclosures would be National Fire Protection Association (NFPA) Standard 855 compliant and would be equipped with a fire extinguishing system to ensure fire safety. However, elsewhere in the section and in the updated project description it is noted that the selected MP2XL battery system does not include a fire suppression (extinguishing) system.

DR FIRE-5. Please update the discussion of wildfire risk and containment of potential contaminants related to wildfires based on the MP2XL battery system specifications.

WORKER SAFETY

The outlines of the Construction Safety and Health Plan (section 4.16.1.3.1) and the Operations Safety and Health Plan (section 4.16.1.3.2) do not provide adequate detail. The original Application (TN 255535-20), Section 4-16, Worker Health and Safety provided numerous sections on worker safety and health, including LORS. For some of these sections, a narrative description is provided but the precise regulations (e.g., citing Cal Code Regs title 8 and the section number) are not included anywhere in the section. Staff has also reviewed the applicant’s previous responses in Data Request Response #1 Part I (TN 258090-1) and found them to be incomplete and not specific to current CAL OSHA standards that have been, in the past and are now, emphasized (see California Department of Industrial Relations News Releases of September 27, 2024 and September 24, 2024). While staff does not suggest that all relevant occupational safety and health regulations be called out, some regulations are particularly important and should be listed, described, and discussed in sufficient detail in the outlines.

REV 1 DR WS-1. Please list the following LORS, Title 8 Cal Code Regs section 3395 and 3396 Heat Illness Prevention outdoors and indoors and Title 8 Cal Code Regs section 5144.1 Protection from Wildfire Smoke in the LORS Table, the Construction Hazard Analysis, and in both the Construction and Operations Safety and Health Plans and describe how these safety regulations would be implemented.

Staff reviewed original application Section 2.3.3: Construction Water Use (TN 255535-2 and Attachment A (Updated Section 2 Project Description) in Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023) and needs information for the following additional safety measure that would protect worker safety and health.

REV 1 DR WS-2. Please describe the specific source of water that would be used for, among other things, road dust control. Would it be the Moulton Niguel Water District? Please provide an analysis of that water which includes the usual water quality analytes (i.e., TDS, pH, Ca, Na, Mg, Chlorides, Sulfates, Iron, cyanides, etc.) plus the California Administrative Manual metals (CAM-17).

On September 6, 2024, an Update Regarding Selected Battery Storage Technology and Fire Protection was filed by the Applicant (TN 259023). This submittal included Attachment A (Updated Section 2 Project Description), Attachment B (Updated Section 4.17 Wildfire and Fire Protection Section), and Attachment C (Updated Appendix 4.17A Fire Technical Report). The applicant has further refined project details and design, including the commitment to procure Tesla Megapack 2XL technology for the project. The selection of Tesla Megapack 2XL technology reduces a number of questions staff might have about the battery energy storage system (BESS) technology selection while at the same time adds some new questions. The submitted application documents do not provide adequate detail for worker safety and fire protection.

CEC staff needs to know about specific emergency response and fire protection methods including access roads, fire loops, and hydrant placements that would be used at the site. These methods are standard requirements for all Energy Commission power projects including BESS as required by the California Fire Code (CFC) 2022, Section 1207.8, National Fire Protection Association (NFPA) 855, and local fire departments.

Based on consultation with fire departments state-wide, two access points to a power facility (with the second access point being used for emergency responders only) is required (CFC section 503.1.2).

REV 1 DR WS-3. Please describe the fire loop and locations of hydrants mentioned in Attachment A, section 2.2.10 page 2-6 of the Update Regarding Selected Battery Storage Technology and Fire Protection (TN 259023) and provide an updated scaled drawing with these locations. Please provide the source of water for the fire loop and worst-case fire flow required in GPM (gallons per minute). Additionally, please describe if a water tank would be required to meet the worst-case flow in GPM.

REV 1 DR WS-4. Please describe where a secondary emergency access would be placed and what protocols would be in place to ensure access is available for emergency responders. Please provide a scaled drawing locating the secondary entrance. Please describe how the secondary emergency access would be independent from the primary access to the project.