

<b>DOCKETED</b>	
<b>Docket Number:</b>	24-OPT-04
<b>Project Title:</b>	Potentia-Viridi Battery Energy Storage System
<b>TN #:</b>	262605
<b>Document Title:</b>	Second Determination of Incompleteness and Request for Information for the Potentia-Viridi Battery Energy Storage System
<b>Description:</b>	N/A
<b>Filer:</b>	Marichka Haws
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	4/7/2025 4:51:27 PM
<b>Docketed Date:</b>	4/7/2025



April 7, 2025

Kelene Strain  
Environmental and Permitting Manager  
Capstone Infrastructure Corporation  
155 Wellington Street West, Suite 2930  
Toronto, Ontario, Canada  
M5V 3H1

**Second Determination of Incompleteness and Request for Information for the Potentia-Viridi Battery Energy Storage System (Docket No. 24-OPT-04)**

Dear Kelene Strain:

California Energy Commission (CEC) staff confirmed receipt on August 7, 2024, of an Opt-In Application for the Potentia-Viridi Battery Energy Storage System (project) (24-OPT-04). Levy Alameda, LLC ("Applicant"), a wholly owned subsidiary of Obra Maestra Renewables, LLC, proposes to construct and operate a 400-megawatt battery energy storage system (BESS) on approximately 85 acres in eastern Alameda County.

CEC staff issued a Determination of Incomplete Application and Request for Information for the project on September 6, 2024 (TN 259038). On February 6, 2025, Dudek, applicant's consultant, completed filing its responses to staff's Data Request Set 1. This ended the first round of Data Request responses. Based on staff's subsequent review, applicant's responses remain incomplete.

Pursuant to Public Resources Code, section 25545.4(b), CEC staff requires the information described in the attachments to this letter to be submitted. Attachment A consists of the data completeness worksheets listing the application requirements specified in statute and regulations. Attachment B consists of specific requests for additional information (data requests) 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. The data requests fall within the topics of Mandatory Opt-In Requirements, Air Quality (includes Greenhouse Gases), Biological Resources, Cultural/Tribal Cultural Resources, Public Health, and Visual Resources. CEC staff and the applicant have discussed the need for additional information concerning battery technology options for Hazardous Materials Handling, Wildfire, and Worker Safety and Fire Protection topics, which will be filed in a forthcoming data request.

All requested 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.

CEC 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.

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, accompanied by a statement from the applicant that its response to the requests for information are now complete and address all identified deficiencies, CEC staff will finalize review of the information provided and document its application completeness determination in a subsequent letter.

If you have any questions about the information identified as necessary to complete the application, please email the CEQA project manager, Eric Veerkamp at [eric.veerkamp@energy.ca.gov](mailto:eric.veerkamp@energy.ca.gov).

Sincerely,

A handwritten signature in dark ink, appearing to be 'Drew Bohan', with a stylized, flowing script.

Drew Bohan  
Executive Director

Attachments

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

Attachment B: Compiled Second Data Requests

# **Attachment A**

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Second Data Completeness Worksheets  
for Title 20, section 1877

# **Potentia-Viridi Battery Energy Storage System**

## **24-OPT-04**

### **Second Completeness Review**

#### Complete

1. Alternatives
2. Efficiency, Energy, and Energy Resources
3. Executive Summary
4. Facility Design
5. Geological Hazards
6. Land Use
7. Noise
8. Paleontological Resources
9. Project Description
10. Reliability
11. Socioeconomics
12. Soils
13. Traffic and Transportation
14. Transmission System Design
15. Transmission System Safety and Nuisance
16. Waste Management
17. Water Resources

#### Incomplete

1. Mandatory Opt-In Requirements
2. Air Quality (includes Greenhouse Gases)
3. Biological Resources
4. Cultural/Tribal Cultural Resources
5. Hazardous Materials Handling (forthcoming data request)
6. Public Health
7. Visual Resources
8. Wildfire (forthcoming data request)
9. Worker Safety and Fire Protection (forthcoming data request)

# DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_\_ Incomplete **X**

Revision No. 01 Date: April 2025

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

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Various

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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
<b>AUTHORITY AND VERIFICATION</b>				
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.	Cover Letter, p. 3	Yes	
<b>"FACILITY" OR "DISCRETIONARY PROJECT" DEFINITION MET</b>				
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) specialized products, components, or systems that are integral to renewable energy or energy storage technologies.	Subsection 2.1, pp. 2-1 to 2-10, Tables 2-1 and 2-2; Figure 2-4 and 2-5; Appendix 2A, pp. 4 to 5 <b><u>Data Request Response Set #2 (TN261398)</u></b> <b><u>Response to DR MAND-1</u></b>	<del>No</del> <b><u>Yes</u></b>	
<b>REQUIREMENTS FOR COVERED PROJECT UNDER THE LABOR CODE</b>				
Cal. Code Regs., tit. 20, § 1877(c)	Certifications required by Public Resources Code sections 25545.3.3 and 25545.3.5.	Appendix 1D, pp. 1 to 4	Yes	

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Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Various

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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, § 25545.3.3	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	
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 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 1D, p. 1	Yes	

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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, § 25545.3.3(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 1D, p. 1	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 1D, p. 3	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, 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.	Appendix 1D, p. 1	Yes	
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 1D, pp. 2 to 3	Yes	



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Technical Staff: Various

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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, § 25545.3.3(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 1D, p. 2	Yes	
Pub. Resources Code, § 25545.3.3(b)(6)(B)	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 relevant local agency.	Appendix 1D, p. 2	Yes	
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 1D, p. 2	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 1D, p. 2	Yes	

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Technical Staff: Various

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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	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 1D, p. 2	Yes	
Pub. Resources Code, § 25545.3.5(b)	Every contractor and subcontractor must use a skilled and trained workforce to construct the project.	Appendix 1D, p. 2	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 1D, pp. 2 to 3	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 1D, p. 3	Yes	

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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)	(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:	--	--	--
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 1D, p. 3	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 1D, p. 3	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 1D, p. 3	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 1D, p. 3	Yes	
<b>PERMIT APPLICATIONS SUBMITTED (LOCAL, STATE, AND FEDERAL)</b>				

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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(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 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.	Section 3.1, Subsection 3.1.5.3, pp. 3.1-28 to 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Attachment 5 (TN 261427, TN 261428), Response to DR AQ-7</u></b>	No	See DR WATER-7, DR BIO-66.
<b>IDENTIFICATION OF WHETHER SITE IS LOCATED AT A PROHIBITED AREA</b>				
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 3.4.1.3.4, p. 3.4-4; Subsection 3.2.1.2, pp. 3.2-2 to 3.2-3; Subsection 3.2.1.2.2, pp. 3.2-3 to 3.2-4; Figure 3.2-1, p. 3.2-47	Yes	
<b>NET POSITIVE ECONOMIC BENEFIT TO THE LOCAL GOVERNMENT</b>				

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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.	Subsection 1.4, p. 1-6; Subsection 3.10.1, p. 3.10-1; Subsection 3.10.2.3, pp. 3.10-16 to 3.10-17 and pp. 3.10-18 to 3.10-19; Appendix 1C; Appendix 3.10A (Confidential) pp. 16, 19 to 20, 26, 32 to 33, and 35 to 39; <b><u>DR Response 2 - Attachment 2 - Revised Section 3-10 pp. 3.10-19 to 3.10-25</u></b>	<del>No</del> <b><u>Yes</u></b>	
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.	Subsection 1.4, p. 1-6; Subsection 3.10.1, p. 3.10-1; Subsection 3.10.2.3, pp. 3.10-16 to 3.10-17, 3.10-18 to 3.10-19; Appendix 1C; Appendix 3.10A (Confidential) pp. 16, 19 to 20, 26, 32 to 33, and 35 to 39; <b><u>DR Response 2 - Attachment 2 - Revised Section 3-10 pp. 3.10-19 to 3.10-25</u></b>	<del>No</del> <b><u>Yes</u></b>	
<b>LEGALLY BINDING ENFORCEABLE AGREEMENT(S) FOR COMMUNITY BENEFITS OF THE PROJECT</b>				

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Revision No. 01 Date: April 2025

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Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Various

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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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. 2, § 1877(g) ; Pub. Resources Code § 25545.10	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 to project certification, consistent with Public Resources Code section 25545.10.	Appendix 1C	Yes	
<b>ENVIRONMENTAL LEADERSHIP DEVELOPMENT PROJECT REQUIREMENTS</b>				
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.	<b><u>Data Request Response Set #2 (TN261398), also TN 262575 and 262576</u></b>	Yes	
Pub. Resources Code § 21183(a)	The project will result in a minimum investment of \$100,000,000 in California upon completion.	DR Response 2 – Attachment 1 pp. 33-36	Yes <del>No</del>	
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, DR Response 2	<del>No</del> Yes	

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Potentia-Viridi  
Battery Energy Storage System

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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(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 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.	<u><b>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Section 3, Appendix A</b></u>	No <u><b>Yes</b></u>	
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.	Section 3.14.3.3, pp.3.14-3 – 8: Appendix 1I, Section 5, p. 15.	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	<u><b>Data Request Response Set #2 (TN261398). See also TN 262575 and TN 262576.</b></u>	<del>No</del> YES	

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OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	enforced by the lead agency for the life of the obligation.			
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...	See TN 262575 and TN 262576	Yes	
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...	<b><u>Data Request Response Set #2 (TN261398), also TN 262575 and TN 262576</u></b>	<del>No</del> <b><u>Yes</u></b>	
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.	<b><u>Data Request Response Set #2 (TN261398), also TN 262575 and TN 262576</u></b>	<del>No</del> <b><u>Yes</u></b>	
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:	--	--	--



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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)(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 3.1.3.1; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Section 3, Appendix A</u></b>	No <b><u>Yes</u></b>	
Pub. Resources Code § 21183.6(a)(2)	Demonstrate that the mitigation of the impacts resulting from the emissions of greenhouse gases are achieved in the following priority: <ol style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>3. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air</li> </ol>	Application and Appendix B Requirements Crosswalk Matrix for Environmental Document; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Section 3, Appendix A</u></b>	No	<b><u>REV 1 DR GHG-2</u></b>

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Technical Area: **Mandatory Opt-In Requirements**      Project: Potentia-Viridi      Technical Staff: Various

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      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>pollution 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

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Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Winston Potts/Tao  
Jiang/Yifan Ding

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.1, Subsection 3.1.3, pp. 3.1-11 to 3.1-18; Subsection 3.1.4, pp. 3.1-18 to 3.1-27	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 3.1, Subsection 3.1.4, pp. 3.1-18 to 3.1-27	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 3.1, Subsection 3.1.8, pp. 3.1-30	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	Section 3.1, pp. 3.1-1 to 3.1-10; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Appendix C &amp; F; Attachment 4, Revised Section 3.1</u></b>	No	<b><u>REV 1 DR PH-1 to REV 1 DR PH-4, REV 1 DR GHG-1 to REV 1 DR GHG-4</u></b>

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Winston Potts/Tao  
Jiang/Yifan Ding

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	used such as general plan or other adopted local, regional, or statewide plan.			
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 3.1, Subsection 3.1.5.3, pp. 3.1-28 to 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Attachment 5 (TN 261427, TN 261428)</u></b>	No	See DR AQ-5
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 3.1, Subsection 3.1.3.2.2, pp. 3.1-17 to 3.1-18; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Appendix C &amp; F; Attachment 4 (TN 261400), Revised Section 3.1</u></b>	<del>No</del> <b><u>Yes</u></b>	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 3.1, Subsection 3.1.4, pp. 3.1-18 to 3.1-27; <b><u>Data Request Response Set #2 (TN261398) – Attachment 4 (TN 261400), Revised Section 3.1</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi Technical Staff: Winston Potts/Tao  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Jiang/Yifan Ding  
24-OPT-04 **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, and SF <sub>6</sub> ) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	Section 3.1, Subsection 3.1.4, pp. 3.1-18 to 3.1-27; Appendix 3.1A, Subsection 4; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Appendix C &amp; F</u></b>	No	<b><u>REV 1 DR PH-1, REV 1 DR PH-2, REV 1 DR GHG-1, REV 1 DR GHG-2</u></b>
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
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

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Winston Potts/Tao

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.1, Subsection 3.1.2.2, Table 3.1-2	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 3.1, Subsection 3.1.1.1, Section 3.9, Subsection 3.9.2.2, Table 3.9-1, Air quality modeling files	Yes	
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

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Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi Technical Staff: Winston Potts/Tao  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Jiang/Yifan Ding  
24-OPT-04 **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.9, Subsection 3.9.2.2, Table 3.9-1, Air quality modeling files	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 <sub>10</sub> ) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO <sub>x</sub> ), sulfur dioxide (SO <sub>2</sub> ), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM <sub>10</sub> ) and particulate matter less than 2.5 microns in diameter (PM <sub>2.5</sub> ) from construction-related equipment;	Section 3.1, Subsection 3.1.4, pp. 3.1-18 to 3.1-22, Table 3.1-7; Appendix 3.1B; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Appendix C &amp; F; Attachment 4 (TN 261400), Revised Section 3.1</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 <sub>x</sub> , SO <sub>2</sub> , CO, PM <sub>10</sub> , and PM <sub>2.5</sub> ) impacts on ambient	Section 3.1, Subsection 3.1.4, p. 3.1-22; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN</u></b>	No	<b><u>REV 1 DR PH-1 to REV 1 DR PH-4</u></b>

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Winston Potts/Tao  
Jiang/Yifan Ding

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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;	<u><b>261404), Appendix C &amp; F; Attachment 4 (TN 261400), Revised Section 3.1</b></u>		
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 3.1, Subsection 3.1.4, p. 3.1-22 to 3.1-24; <u><b>Data Request Response Set #2 (TN261398) – Response to DR AQ-3</b></u>	<del>No</del> <u><b>Yes</b></u>	
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 <sub>x</sub> , SO <sub>2</sub> , CO, PM <sub>10</sub> , and PM <sub>2.5</sub> .	Section 3.1, Subsection 3.1.4, p. 3.1-22; <u><b>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Appendix C &amp; F; Attachment 4 (TN 261400), Revised Section 3.1</b></u>	<del>No</del> <u><b>Yes</b></u>	



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Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi Technical Staff: Winston Potts/Tao  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Jiang/Yifan Ding  
24-OPT-04 **Wenjun Qian**

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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:	--	--	--
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 3.1, Subsection 3.1.3.1, p. 3.1-11 to 3.1-13	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 3.9, Subsection 3.9.4.2, p. 3.9-7; Appendix 1E, Subsection 3.1, p. 7	Yes	
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	Section 3.1, Subsection 3.1.5, pp. 3.1-27 to 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN 261404), Section 3.4.2</u></b>	No	<b><u>REV 1 DR GHG-3, REV 1 DR GHG-4</u></b>

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Air Quality** Project: Potentia-Viridi Technical Staff: Winston Potts/Tao  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Jiang/Yifan Ding  
24-OPT-04 **Wenjun Qian**

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	explicitly 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.	Section 3.1, Subsection 3.1.6, pp. 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Response to DR AQ-6</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 3.1, Subsection 3.1.6, pp. 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Response to DR AQ-7</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 3.1, Subsection 3.1.7, pp. 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Attachment 5 (TN 261427, TN 261428)</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Alternatives Project: Potentia-Viridi

Technical Staff: Jeanine Hinde

Project Manager: Eric Veerkamp Docket: 24-OPT-04

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 2, p. 2-19; Section 4, pp. 4-1 to 4-21 <b><u>CEC Data Request Response No. 1, December 2024, TN 260827, Data Request Response ALT-1, pp. 3-4, Figure ALT-1</u></b>	No <b><u>Yes</u></b>	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in (f)(1).	Section 4, pp. 4-1 to 4-21 <b><u>CEC Data Request Response No. 1, December 2024, TN 260827, Data Request Response ALT-1, pp. 3-4, Figure ALT-1</u></b>	No <b><u>Yes</u></b>	

# DATA COMPLETENESS WORKSHEET

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

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 3.2, pp. 3.2-1 to 3.2-60; Appendices 3.2A, 3.2B, 3.2D, 3.2E, 3.2-F, 3.2G, 3.2H, 3.2L	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 3.2, pp. 3.2-1 to 3.2-60; Appendices 3.2A, 3.2B, 3.2G, 3.2H, 3.2L	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 3.2, pp. 3.2-1 to 3.2-60; Appendices 3.2A, 3.2B, 3.2G, 3.2H, 3.2L	Yes	
[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 3.2, pp. 3.2-1 to 3.2-60; Appendices 3.2E and 3.2-F <b>Data Request Response Set #3 (TN262207/TN261567) - Revised Attachment 6 and (TN262206) Revised LSAA, (TN261444) Attachment 1, Revised Section 3-2</b>	No	<b>See REV 1 DR-BIO 1 to REV 1 DR BIO-18</b>

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

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 3.2, Subsections 3.2.1, 3.2.3, 3.2.4, and 3.2.5 <b>Data Request Response Set #3 (TN262207/TN261567) - Revised Attachment 6 and (TN262206) Revised LSAA, (TN261444) Attachment 1, Revised Section 3-2</b>	No	<b>See REV 1 DR BIO-1, REV 1 DR BIO-2, REV 1 DR BIO-5, REV 1 DR BIO-6, REV 1 DR BIO-7, REV 1 DR BIO-8, REV 1 DR BIO-9, REV 1 DR BIO-13, REV 1 DR BIO-14, REV 1 DR BIO-15, REV 1 DR BIO-16, REV 1 DR BIO-17, REV 1 DR BIO-18, REV 1 DR BIO-19, REV 1 DR BIO-20, REV 1 DR BIO-21, REV 1 DR BIO-24</b>
Appendix B (g) (13) (A)	A regional overview and discussion of terrestrial and aquatic wildlife 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	Subsection 3.2.1, pp. 3.2-2 to 3.2-7; Subsection 3.2.9, p. 3.2-41, Figure 3.2-1; Figure 3.2-4; Appendix 3.2C (Confidential)	<del>No</del> <b>Yes</b>	

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

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	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:			
Appendix B (g) (13) (A) (i)	species listed under state or federal Endangered Species Acts;	Section 3.2, Subsection 3.2.1.4; Appendix 3.2A	Yes	
Appendix B (g) (13) (A) (ii)	species receiving consideration during environmental review under CEQA Guidelines 14 CCR Section 15380;	Section 3.2, Subsection 3.2.1.5; Appendix 3.2A	Yes	
Appendix B (g) (13) (A) (iii)	species identified as state Fully Protected;	Section 3.2, Subsection 3.2.1.4, 3.2.1.7; Appendix 3.2A	Yes	
Appendix B (g) (13) (A) (iv)	species covered by Migratory Bird Treaty Act;	Section 3.2, Subsection 3.2.1.7.3; Appendix 3.2A	No	See REV 1 DR BIO-23
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	Section 3.2, Subsection 3.2.1.4, 3.2.1.3.2; Appendix 3.2A	Yes	

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	Coastal Commission or other responsible agency;			
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 3.2, Subsection 3.2.1.4, 3.2.1.3.1, 3.2.1.5, 3.2.1.7; Appendix 3.2A	Yes	
Appendix B (g) (13) (A) (vii)	plant species listed as rare under the California Native Plant Protection Act;	Section 3.2; Appendix 3.2A	Yes	
Appendix B (g) (13) (A) (viii)	established native resident or migratory wildlife corridors or wildlife nursery sites.	Section 3.2, Subsection 3.2.3.2	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:	Section 3.2, Figures 3.2-1, 3.2-2, 3.2-3, 3.2-4, 3.2-6; Appendix 3.2A, Figure 2	Yes	
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 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	Section 3.2, Figures 3.2-4 and 3.2-6	<del>No</del> <u>Yes</u>	

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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.		<del>No</del> <u>Yes</u>	
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 Department of Fish and Wildlife Section 1600 et seq. permit requirements. For projects	Section 3.2, Figure 3.2-7	<del>No</del> <u>Yes</u>	



# DATA COMPLETENESS WORKSHEET

Completeness: Complete      Incomplete **X**

Revision No. 01 Date: **April 2025**

Technical Area: **Biological Resources** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Kiteworks	<del>No</del> <u><b>Yes</b></u>	
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 3.2, Subsections 3.2.3, 3.2.3.2; Appendix 3.2A	Yes	
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.)	Section 3.2; Appendix 3.2A	Yes	

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Revision No. 01 Date: April 2025

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Project Manager: Eric Veerkamp Docket: 24-OPT-04

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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.		<del>No</del> <u>Yes</u>	
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:	Section 3.2, Subsection 3.2.1.5, pp. 3.2-7 to 3.2-10, Subsections 3.2.1.6 and 3.2.1.7; Appendix 3.2A, Subsections 4.3 and 5; Appendix 3.2E, Chapter 3; Appendix 3.2D, Appendix D, Section 4; Appendix 3.2 B <b>Data Request Response #3 (TN261444) – Attachment 1, Revised Section 3-2, (TN261453) - Attachment 9</b>	No	<b>See REV 1 DR BIO-3, REV 1 DR BIO-4, REV 1 DR BIO-11, REV 1 DR BIO-12, REV 1 DR BIO-13</b>
Appendix B (g) (13) (D) (i)	Current biological resources surveys conducted using appropriate field survey protocols (include references) during the	Section 3.2, Subsection 3.2.1.5, pp. 3.2-7 to 3.2-10	No	<b>See REV 1 DR BIO-3, REV 1 DR BIO-4</b>

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Revision No. 01 Date: April 2025

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Project Manager: Eric Veerkamp Docket: 24-OPT-04

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	appropriate season(s). State and federal agencies with jurisdiction shall be consulted for field survey protocol guidance prior to surveys if a protocol exists.	Subsections 3.2.1.6 and 3.2.1.7; Appendix 3.2A Subsections 4.3 and 5; Appendix 3.2E, Chapter 3; Appendix 3.2D, Appendix D, Section 4 <b>Data Request Response #3 (TN261444)</b>		
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 3.2, Subsection 3.2.1.2, pp. 3.2-2 to 3.2-3, Subsection 3.2.1.5, p. 3.2-9; Subsection 3.2.3.2, p. 3.2-24; Appendix 3.2 A, Section 4.3, Subsection 4.3.7 p. 21, Section 5, Subsection 5.2, p. 23, Appendix A, Figure 3, Appendix 3.2 D, Appendix D, Subsections 4.5 and 5.3, Appendix F; Appendix 3.2 E, Appendix B, Subsections 4.3.8 and 5.2 <b>Data Request Response #3 - (TN258199)</b>	No	See DR BIO-57 and DR BIO-79 <b>See REV 1 DR BIO-11, REV 1 DR BIO-12</b>
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	Section 3.2, Subsection 3.2.3 and Subsection 3.2.4; Appendix 3.2 A, Section 6;	No	<b>See REV 1 DR BIO-1, REV 1 DR BIO- 2, REV 1 DR BIO- 5, REV1 DR BIO- 7, REV 1 DR BIO- 8, REV 1 DR BIO- 13, REV 1 DR BIO- 14, REV 1 DR BIO- 16,</b>

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	decommissioning. Discussion shall also address sensitive species habitat impacts from air emissions (i.e., nitrogen deposition);	Appendix 3.2 D, Sections 7 and 8; Appendix 3.2 E, Chapter 3 and 4 <b>Data Request Response #3 (TN262206), (TN261444), (TN261567)</b>		<b>REV 1 DR BIO- 18, REV 1 DR BIO- 20, REV 1 DR BIO- 21</b>
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 3.2, Subsection 3.2.5, pp. 3.2-27 to 3.2-32; Appendix 3.2 A, Section 3, Subsection 3.3.1 pp. 13 to 14, Section 3.2, Subsection 3.2.3, pp. 3.2-20 to 3.2-27 Section 3.2, Subsection 3.2.4, p. 3.2-27; Appendix 3.2 A, Section 6, Appendix 3.2 D, Sections 7 and 8; Appendix 3.2 E, Chapter 4 and 5 <b>Data Request Response #3 (TN262206), (TN261444), (TN261567)</b>	No	<b>See REV 1 DR BIO-1, REV 1 DR BIO-6, REV 1 DR BIO-8, REV 1 DR BIO-17, REV 1 DR BIO-20</b>
Appendix B (g) (13) (F) (i)	All measures proposed to avoid and/or reduce adverse impacts to biological resources.	Section 3.2, Subsection 3.2.5, pp. 3.2-27 to 3.2-32; Appendix 3.2 A, Section 3, Subsection 3.3.1 pp. 13 to 14; Appendix 3.2 D,	No	<b>See REV 1 DR BIO-1, REV 1 DR BIO-2, REV 1 DR BIO-6, REV 1 DR BIO-8, REV 1 DR BIO-9, REV 1 DR BIO-10, REV 1 DR BIO-14, REV 1 DR BIO-15, REV 1</b>

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Revision No. 01 Date: April 2025

Technical Area: Biological Resources Project: Potentia-Viridi Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		Sections 7; Appendix 3.2 E, Chapter 5 <b>Data Request Response #3 (TN262206), (TN261444), (TN261567)</b>		<b>DR BIO-16, REV 1 DR BIO-17, REV 1 DR BIO-20, REV 1 DR BIO-21</b>
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 and verification of proposed habitat mitigation measures.	Section 3.2, Subsection 3.2.3.2, p. 3.2-27, Subsection 3.2.5.1, p. 3.2-30; Appendix 3.2 A, Subsection 3.3.1 p. 11, Subsection 6, pp. 33 to 36, Section Appendix G; Appendix 3.2 E, Chapter 5; Appendix 3.2 D, Sections 7 and 8 <b>Data Request Response #3 (TN262206), (TN261444), (TN261567)</b>	No	<b>See REV 1 DR BIO-6, REV 1 DR BIO-20, REV 1 DR BIO-22</b>
Appendix B (g) (13) (F) (iii)	Educational programs to enhance employee awareness during construction and operation to protect biological resources.	Section 3.2.5.1, p. 3.2-28	<del>No</del> <b>Yes</b>	
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 3.2, Subsection 3.2.5, pp. 3.2-27 to 3.2-32; Appendix 1H	<del>No</del> <b>Yes</b>	

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Battery Energy Storage System

Technical Staff: Julie Myrah/CDFW

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Ann Crisp

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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.		<del>No</del> <u>Yes</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	Section 3.2, Subsection 3.2.6, pp. 3.2-32 to 3.2-33  <b>TN 261444, pp. 3.2-43 to 3.2-44</b>	<del>No</del> <u>Yes</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	Section 3.2, Subsection 3.2.6, pp. 3.2-32 to 3.2-33	<del>No</del> <u>Yes</u>	

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Technical Staff: Julie Myrah/CDFW

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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.			
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 3.2, Subsection 3.2.8, p. 3.2-40 <b>TN261444 p. 3.2-51</b>	No <u>Yes</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.	Section 3.2, Subsection 3.2.7, p. 3.2-40 <b>TN261444 p. 3.2-51</b>	No	<b>See REV 1 DR BIO-23</b>

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1

Date: April 2025

Technical Area: **Cultural Resources and Tribal Cultural Resources**  
Project Manager: Eric Veerkamp

Project: Potentia-Viridi Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: William Larson/Cameron Travis  
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), 1877(a)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document;	Subsections 3.3.2 and 3.3.4, pp. 3.3-4 to 3.3-14; Appendix 3.3A, pp. 47, 48	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 3.3.2, pp. 3.3-4 to 3.3-10; Subsections 3.3.4–3.3.6, pp. 3.3-11 to 3.3-15; Appendix 3.3A, pp. 47 to 55	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 3.3.10, p. 3.3-21; Appendix 3.3A, p. 58 <b><u>CEC Data Request Response No. 1, Attachment 1, pp. 78–79</u></b>	<del>No</del> <b><u>Yes</u></b>	
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	Subsection 3.3.4, pp. 3.3-1, 3.3-2, 3.3-9, 3.3-10, 3.3-12 to 3.3-15; Table 3.3-2; Appendix 3.3A, pp. 35, 38, 44, 45, 47, 48, 54 to 57, Table 4-2	Yes	



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Project: Potentia-Viridi Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: William Larson/Cameron Travis  
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
	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) (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 3.3.1, pp. 3.3-1 to 3.3-3; Appendix 3.3A, pp. 35 to 45	Yes	
Appendix B (g) (2) (B)	The results of a literature search to identify cultural resources and tribal cultural resources within an area not less	Subsection 3.3.2, pp. 3.3-4 to 3.3-10; Appendix 3.3A, pp. 49 to 55; Confidential	No	See REV DR CUL/TRI-3

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Project: Potentia-Viridi Battery Energy Storage System  
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	<p>than a 1-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</p>	<p>Appendix 3.3B, Confidential Record Search Results</p> <p><b><u>DR Response 1 – Attachment 1, Appendices A &amp; C</u></b></p>		

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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports 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.			
Appendix B (g) (2) (C)	<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</p>	<p>Subsection 3.3.2, p. 3.3-10; Appendix 3.3A</p> <p><b><u>DR Response 1 – Attachment 1, p. 46</u></b></p>	No	See REV DR CUL/TRI-5

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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>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 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</p>	<p><b><u>Appendix 3.3A p. 26, 46.</u></b> <b><u>Data Request Response #1, DR CUL/TRI-5, p. 6.</u></b></p>		

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	<p>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 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);	Appendix 3.3A, pp. 49 to 52; Confidential Appendix 3.3B, Confidential Records Search Results	Yes	
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;	Appendix 3.3A, pp. 47 to 55	Yes	

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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) (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;	Appendix 3.3A, Appendix C	Yes	
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	Confidential Appendix 3.3B	Yes	
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.	Appendix 3.3A, p. 23 <b><u>CEC Data Request Response No. 1, Attachment 1, Appendix D.</u></b>	No <b><u>Yes</u></b>	
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 3.3B (Confidential) <b><u>CEC Data Request Response No. 1, Attachment 1, Appendix B.</u></b>	No <b><u>Yes</u></b>	
Appendix B (g) (2) (D) (ii)	A copy of all correspondence sent to Native American individuals and groups	Appendix 3.3B (Confidential)	No <b><u>Yes</u></b>	

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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	listed by the NAHC and copies of all responses. Notification to Native Americans shall include a project description and map.	<b><u>CEC Data Request Response No. 1, Attachment 1, Appendix B.</u></b>		
Appendix B (g) (2) (D) (iii)	A written summary of any oral responses.	Appendix 3.3B (Confidential) <b><u>CEC Data Request Response No. 1, Attachment 1, Appendix B.</u></b>	No <b><u>Yes</u></b>	
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 3.3.6, pp. 3.3-14 to 3.3-15	Yes	
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 3.3.6, pp. 3.3-14 to 3.3-15	Yes	
Appendix B (g) (2) (E) (iii)	Educational programs to enhance employee awareness during construction and operation to protect cultural and tribal cultural resources.	Subsection 3.3.6, pp. 3.3-14 to 3.3-15; Appendix 1G	Yes	
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	Subsection 3.3.7, pp. 3.3-15 to 3.3-21	No <b><u>Yes</u></b>	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1

Date: April 2025

Technical Area: Cultural Resources and Tribal Cultural Resources  
Project Manager: Eric Veerkamp

Project: Potentia-Viridi Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: William Larson/Cameron Travis  
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
	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			
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 3.3.8, p. 3.3-20 <b><u>CEC Data Request Response No. 1, Appendix 1, p. 77</u></b>	No <b><u>Yes</u></b>	
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 3.3.8, p. 3.3-20 <b><u>CEC Data Request Response No. 1, Data Response 3.1.11, p. 8.</u></b>	No <b><u>Yes</u></b>	
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 3.3.8, p. 3.3-20 <b><u>CEC Data Request Response No. 1, Data Response 3.1.12, pp. 8-9.</u></b>	No <b><u>Yes</u></b>	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete           Revision No. **01**      Date: **April 2025**

Technical Area: **Efficiency, Energy and Energy Resources**      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Ardalan Raisi Sofi Shahab

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: Khoshmashrab

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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.	N/A	N/A	N/A
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;	N/A	N/A	N/A
Appendix B (h) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	N/A	N/A	N/A
Appendix B (h) (4) (B)	Annual fuel consumption in BTUs for each mode of operation, including hot restarts and cold starts.	N/A	N/A	N/A
Appendix B (h) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation including starts and shutdowns.	N/A	N/A	N/A
Appendix B (h) (4) (D)	Number of hours the plant will be operated in each design condition in each year.	Section 2.4, p. 2-18	Yes	
Appendix B (h) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance	N/A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete           Revision No. **01**      Date: **April 2025**

Technical Area: **Efficiency, Energy and Energy Resources**      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Ardalan Raisi Sofi Shahab

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	with applicable efficiency and operating standards.			
Appendix B (h) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	Subsection 4.5.2, pp. 4-5 and 4-6	Yes	
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	N/A	N/A	N/A
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.	N/A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐      Revision No. 01      Date: April 2025

Technical Area: Efficiency, Energy and Energy Resources      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Ardalan Raisi Sofi Shahab

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: Khoshmashrab

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.	N/A	N/A	N/A
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 ☐

Revision No. 0-1 Date: April 2025

Technical Area: Executive Summary Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Ann Crisp  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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.	Table of Contents pp. TOC-i to TOC-xii <b>Data Response Set 2, 6.1.1, pp. 21-23</b>	<del>No</del> Yes	
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 1.3, pp. 1-2 to 1.6, Section 3.1, p. 3.1-18	Yes	
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.	Subsection 1.2, p. 1-2	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Subsection 1.2, p. 1-2; Section 2, Figures 2-1 to 2-3	Yes	
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, Figure 2-5, Section, DRR Set 2, Revised Section 3.13 Visual Resources (attach. 6), Fig. 3.13-3D, and Fig. 3.13-4D. Revised Section 2 PD (attach. 7), Fig. 2-5	<del>No</del> , Yes	
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and	Appendix 1B, p. 1; Appendix 1A, Figure	<del>No</del> Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 0-1 Date: April 2025

Technical Area: <u><b>Executive Summary</b></u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u>	Technical Staff: <u>Ann Crisp</u>
Project Manager: <u>Eric Veerkamp</u>	Docket: <u>24-OPT-04</u>	Technical Senior: <u>Eric Knight</u>

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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, DRR Set 2, Attachment 8, TN 261408, 1/29/25		
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 1.5, p. 1-6	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-injection system, and a description of their legal interest in these facilities.	Subsection 1.6, pp. 1-6 to 1-7	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Subsection 1.6, pp. 1-6 to 1-7	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, pp. 1-6 to 1-7	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete \_\_\_\_\_

Revision No. **01** Date: **April 2025**

Technical Area: **Facility Design**  
Project Manager: Eric Veerkamp

Project: Potentia-Viridi  
Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: Ken Salyphone  
Technical Senior: Shahab Khoshmashrab

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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.	N/A	N/A	N/A
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;	N/A	N/A	N/A
Appendix B (h) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	Subsection 2.1.1, p. 2-1; Section 3.4, Subsection 3.4.1.1 to 3.4.1.3.4, pp. 3.4-1 to 3.4-4	Yes	
Appendix B (h) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Subsection 2.3.3 to 2.3.4, pp. 2-13 to 2-14	Yes	
Appendix B (h) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Subsection 2.3.5 to 2.3.7, pp. 2-14 to 2-16	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete \_\_\_\_\_

Revision No. **01** Date: **April 2025**

Technical Area: **Facility Design**  
Project Manager: Eric Veerkamp

Project: Potentia-Viridi  
Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: Ken Salyphone  
Technical Senior: Shahab Khoshmashrab

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
Appendix B (h) (1) (D)	For each of the following facilities or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	Subsection 2.6, pp. 2-19 to 2-32, Figures 2-1 to 2-6	Yes	
Appendix B (h) (1) (D) (i)	The power generation system;	N/A	N/A	N/A
Appendix B (h) (1) (D) (ii)	The heat dissipation system;	Subsection 2.1.3.1, pp. 2-3 to 2-4	Yes	
Appendix B (h) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	N/A	N/A	N/A
Appendix B (h) (1) (D) (iv)	The atmospheric emission control system;	N/A	N/A	N/A
Appendix B (h) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Subsection 2.3.11 to 2.3-13, p. 2-17; Subsection 2.4.1 to 2.4.3, pp. 2-18 to 2-19	Yes	
Appendix B (h) (1) (D) (vi)	The noise emission abatement system;	Subsection 3.7, pp. 3-7-1 to 3.7-22	Yes	
Appendix B (h) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	N/A
Appendix B (h) (1) (D) (viii)	Switchyards/transformer systems; and	Subsection 2.2, pp. 2-7 to 2-10	Yes	
Appendix B (h) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Subsection 2.1.3, p. 2-2; Subsection 2.1.3.10, p. 2-7	Yes	
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	N/A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete \_\_\_\_\_

Revision No. **01** Date: **April 2025**

Technical Area: **Facility Design**  
Project Manager: Eric Veerkamp

Project: Potentia-Viridi  
Battery Energy Storage System  
Docket: 24-OPT-04

Technical Staff: Ken Salyphone  
Technical Senior: Shahab Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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.	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.	N/A	N/A	N/A
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 ☐

Revision No. 0-1 Date: April 2025

Technical Area: Geological Hazards Project: Potentia-Viridi  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System  
24-OPT-04

Technical Staff: James Ackerman,  
 Technical Senior: Kevin DeLano  
Abdel-Karim Abulaban

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 3.4 p. 3.4-1; Subsection 3.4.1 pp. 3.4-1 to 3.4-4; Subsection 3.4.3, pp. 3.4-5 to 3.4-7; Subsection 3.4.4 pp. 3.4-7 to 3.4-8	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 3.4.1.2, pp. 3.4-1 to 3.4-2; Subsection 3.4.1.3, pp. 3.4-2 to 3.4-3	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 3.4.9, pp. 3.4-14 to 3.4-16	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	Subsection 3.4.1, pp. 3.4-1 to 3.4-4; Subsection 3.4.3, pp. 3.4-5 to 3.4-7; Subsection 3.4.4, pp. 3.4-7 to 3.4-8; Subsection 3.4.6.2, pp. 3.4-10 to 3.4-11; Subsection 3.4.6.3, pp. 3.4-11 to 3.4-13	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. ~~0~~-1 Date: **April 2025**

Technical Area: **Geological Hazards** Project: Potentia-Viridi  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System  
24-OPT-04

Technical Staff: James Ackerman,  
 Technical Senior: **Kevin DeLano**  
Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities, including linear facilities.	Subsection 3.4.1.1 p. 3.4-1; Subsection 3.4.1.2 pp. 3.4-1 to 3.4-2; Subsection 3.4.1.3 pp. 3.4-2 to 3.4-3; Subsection 3.4.1.4 p. 3.4-4; Figure 3.4-2, p. 3.4-19; <b><u>CEC Data Request Response 1 (TN 260827), Section 4 (p. 11) and Fig. 3.4-2</u></b>	<del>No</del> <b><u>Yes</u></b>	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within two (2) miles of the project site and along proposed facilities. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability,	Figure 3.4-1 p. 3.4-17; Subsection 3.4.3.3, pp. 3.4-5 to 3.4-7; <b><u>CEC Data Request Response 1 (TN 260827), Fig. 3.4-1. See also TN's 262573, 262574, and TN's 262577, 262578 and 262579 and TN 262583</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 0-1 Date: April 2025

Technical Area: Geological Hazards Project: Potentia-Viridi  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System  
24-OPT-04

Technical Staff: James Ackerman  
 Technical Senior: Kevin DeLano  
Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	liquefaction, subsidence, tsunami runup, and expansion or collapse of soil structures at the plant site. Describe known geologic hazards along or crossing linear facilities.			
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Subsection 3.4.1.4 p. 3.4-4; Table 3.4.3, p. 3.4-14	Yes	
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 3.4.6, pp. 3.4-8 to 3.4-13; Table 3.4.2 pp. 3.4-8 to 3.4-9	Yes	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and	Subsection 3.4.7, p. 3.4-13; Table 3.4.3, p. 3.4-14.	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. ~~0~~-1 Date: **April 2025**

Technical Area: **Geological Hazards** Project: Potentia-Viridi  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System  
24-OPT-04

Technical Staff: James Ackerman,  
 Technical Senior: **Kevin DeLano**  
Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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.			
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 3.4.7, p. 3.4-13; Table 3.4.3, p. 3.4-14	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.	Subsection 3.4.8, p. 3.4-14	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

**Hazardous Materials**

Potentia-Viridi

Technical Area: **Handling**

Project: Battery Energy Storage System

Technical Staff: Paul Miller (RCH)

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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 3.5.3.1, p. 3.5-7	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 3.14.1.1, p. 3.14-1; Subsection 3.5.3.3, pp. 3.5-12 to 3.5-13	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 3.5, p. 3.5-1; Subsection 3.5.8, pp. 3.5-21 to 3.5-22	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	Subsection 3.5.1 pp. 3.5-1 to 3.5-3; Subsection 3.5.3 pp. 3.5-7 to 3.5-15 Data Request Response #1 (TN260792), Data Request Response #2 (TN261399), Subsection 7.1.1 & 7.1.2; (TN261405)	<del>No</del> <u>Yes</u>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ **Hazardous Materials**

Technical Area: **Handling** Project: Potentia-Viridi Revision No. 01 Date: April 2025

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Staff: Paul Miller (RCH)

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
	used such as general plan or other adopted local, regional, or statewide plan.			
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.	Subsection 3.5.1.2.2, pp. 3.5-5 to 3.5-7, Table 3.5-2	No	See DR HAZ-3
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 3.5, p. 3.5-23, Figure 3.5.1 Data Request Response #2 (TN261412) Figure 3.5.1	<del>No</del> <b>Yes</b>	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Subsection 3.5.1.2, p. 3.5-3 to 3.5-7	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.	Subsection 3.5.3.3, p. 3.5-11 to 3.5-12	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required,	Subsection 3.5.3.3, p. 3.5-11	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ **Hazardous Materials Handling**

Technical Area: **Hazardous Materials Handling** Project: Potentia-Viridi Battery Energy Storage System

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Revision No. 01 Date: **April 2025**

Technical Staff: Paul Miller (RCH)

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
	and if so, the requirements that will likely be incorporated into the plan.			
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Subsection 3.5.3.3, pp. 3.5-9 to 3.5-13	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Subsection 3.5.3.3, pp. 3.5-11 to 3.5-12 Data Request Response #2, Subsection 7.1.6	No	See DR HAZ-5
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 3.5.6, pp. 3.5-15 to 3.5-17, Table 3.5-3	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	Section 3.5.7, p. 3.5-21, Table 3.5-4	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ **Hazardous Materials**  
 Technical Area: **Handling** Project: Potentia-Viridi Revision No. 01 Date: April 2025  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Staff: Paul Miller (RCH)  
24-OPT-04 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
	exclusive authority of the Commission to certify sites and related facilities.			
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 3.5.7, p. 3.5-21 Data Request Response Set #2 (TN261398) Subsection 7.1.7	No	See DR HAZ-7
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 3.5.7, p. 3.5-21	Yes	



# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Land Use Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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 3.6.3.1, p. 3.6-3; Appendix 3.5A	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 3.6.3.1, p. 3.6-3; Appendix 3.5A	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 3.6.9, p. 3.6-20; Appendix 3.5A	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	Subsection 2.1.1, p. 2-1; Subsection 3.6.1.2, pp. 3.6-1 to 3.6-2; Subsection 3.6.1.3, p. 3.6-2; Appendix 3.5A; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14; Subsection 3.6.4, p. 3.6-14; Subsection 3.6.5, p. 3.6-14	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Land Use Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	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.			
Appendix B (g) (3) (A)	A discussion of existing land uses, general plan land use designations, and current zoning districts (including any overlay districts) at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Subsection 2.1.1, p. 2-1; Subsection 3.6.1.2, pp. 3.6-1 to 3.6-2; Subsection 3.6.1.3, p. 3.6-2; Appendix 3.5A; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Subsection 2.1.1, p. 2-1; Subsection 3.6.1.2, pp. 3.6-1 to 3.6-2; Subsection 3.6.1.3, p. 3.6-2; Appendix 3.5A	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Land Use Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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) (3) (A) (ii)	A discussion of any recent or proposed zone changes and/or general plan amendments; noticed by an elected or appointed board, commission, or similar entity at the state or local level;	Subsection 3.6.3.3, pp. 3.6-11 to 3.6-12	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Subsection 1.7, p. 1-7; Subsection 3.6.3.3, p. 3.6-12	Yes	
Appendix B (g) (3) (A) (iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Section 3.6, Figures 3.6-1 to 3.6-5, pp. 3.6-21 to 3.6-29	Yes	
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed project with present and expected land uses, and conformity with any long-range land use plans and policies adopted by any federal, state,	Subsection 1.7, p. 1-7; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Land Use Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	regional, or local planning agencies. The discussion shall identify the need, if any, for land use decisions by another public agency or as part of the commission's decision that would be necessary to make the project conform to adopted federal, state, regional, or local coastal plans, land use plans, or zoning ordinances. Examples of land use decisions include general plan amendments, zoning changes, lot line adjustments, parcel mergers, subdivision maps, Agricultural Land Conservation Act contracts cancellation, and Airport Land Use Plan consistency determinations.			
Appendix B (g) (3) (C)	A discussion of the legal status of the parcel(s) on which the project is proposed. If the proposed site consists of more than one legal parcel, describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linears and temporary laydown or staging	Subsection 1.2, p. 1-2	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. 01 Date: **April 2025**

Technical Area: **Land Use** Project: Potentia-Viridi Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	area, will be located on a single legal parcel. The merger need not occur prior to a decision on the Application but must be completed prior to the start of construction.			
Appendix B (g) (3) (D)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Section 3.6, Figure 3.6-5, p. 3.6-29	Yes	
Appendix B (g) (3) (D) (i)	Land classifications as shown on the California Department of Conservation's Farmland Mapping and Monitoring Program's Important Farmland maps, crop types, irrigation systems, and any special cultivation practices;	Subsection 3.6.1.4, pp. 3.6-2 to 3.6-3; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14	Yes	
Appendix B (g) (3) (D) (ii)	Whether agricultural land affected by the project was historically classified Farmland as defined by the California Department of Conservation (Prime Farmland, Farmland of Statewide Importance, or Unique Farmland) as specified in Public Resources Code section 21060.1; and	<b><u>Data Request Response Set #2 (TN261398) – Response to DR LAND-1</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Land Use Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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) (3) (D) (iii)	Direct, indirect, and cumulative effects on agricultural land uses. If the proposed site or related facilities are subject to an Agricultural Land Conservation contract, provide a written copy and a discussion of the status of the expiration or canceling of such contract.	Appendix 3.6A; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14 <b><u>Data Request Response Set #2 (TN261398) – Response to DR LAND-2, DR LAND-3, DR LAND-4, DR LAND-5, DR LAND-6, and DR LAND-7</u></b>	No—YES	
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 3.6, Table 3.6-1, pp. 3.6-4 to 3.6-10; Subsection 3.6.3.3, pp. 3.6-3 to 3.6-14; Section 3.6, Table 3.6-2, pp. 3.6-15 to 3.6-16	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	Section 3.6, Table 3.6-3, p. 3.6-19	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. 01 Date: **April 2025**

Technical Area: **Land Use** Project: Potentia-Viridi Technical Staff: Andrea Koch  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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.			
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 3.6, Table 3.6-3, p. 3.6-19	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.	Subsection 3.6.8, p. 3.6-19	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: <b>Noise</b>	Project: <b>Potentia-Viridi Battery Energy Storage System</b>	Technical Staff: <b>Kenneth Salyphone</b>
Project Manager: <b>Eric Veerkamp</b>	Docket: <b>24-OPT-04</b>	Technical Senior: <b>Shahab Khoshmashrab</b>

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 3.7.1, pp. 3.7-1 to 3.7-4	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 3.7.1, pp. 3.7-1 to 3.7-4	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 3.7.9, p. 3.7-22	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	Subsection 3.7.1.9 to 3.7.4, pp. 3.7-4 to 3.7-16	Yes	



# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Noise Project: Potentia-Viridi

Technical Staff: Kenneth Salyphone

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Shahab Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area potentially impacted by the proposed project is that area where, during either construction or operation, there is a potential increase of 5 dB(A) or more, over existing background levels.	Subsection 3.6.5, p. 3.6-29, Figure 3.6-5; Appendix 3.7A, Figure 3, p. 20	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature,	Subsection 3.7.1.10, p. 3.7-5 to 3.7-7	<del>No</del> <u>Yes</u>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area:	<b>Noise</b>	Project:	Potentia-Viridi Battery Energy Storage System	Technical Staff:		Kenneth Salyphone
Project Manager:	Eric Veerkamp	Docket:	24-OPT-04	Technical Senior:		Shahab Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for a lesser duration at the applicant's discretion, preferably during the same 25-hour period. The results of the noise level measurements shall be reported as hourly averages in Leq (equivalent sound or noise level), Ldn (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L <sub>10</sub> , L <sub>50</sub> , and L <sub>90</sub> values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported in units of dB(A).			
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Appendix 3.7A, Table 4, p. 23; Table 6, p. 25; Table 7, p. 27	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction	Appendix 3.7A, Figure 4, p. 30	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: <b>Noise</b>	Project: <u>Potentia-Viridi Battery Energy Storage System</u>	Technical Staff: <u>Kenneth Salyphone</u>
Project Manager: <u>Eric Veerkamp</u>	Docket: <u>24-OPT-04</u>	Technical Senior: <u>Shahab Khoshmashrab</u>

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.			
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Appendix 3.7A, Table 4 and 6, p. 23 and p. 25; Appendix 3.7A, Figure 4, p. 30	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	Appendix 3.7A, Exhibit A and B, pp. 17 and 18	Yes	
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	Subsection 3.7.6, p. 3.7	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: <u>Noise</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u>	Technical Staff: <u>Kenneth Salyphone</u>
Project Manager: <u>Eric Veerkamp</u>	Docket: <u>24-OPT-04</u>	Technical Senior: <u>Shahab Khoshmashrab</u>

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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 3.7.6, p. 3.7	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.	N/A	N/A	N/A
Appendix B (i) (3)	A schedule indicating when permits outside the authority of	N./A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: <u>Noise</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u>	Technical Staff: <u>Kenneth Salyphone</u>
Project Manager: <u>Eric Veerkamp</u>	Docket: <u>24-OPT-04</u>	Technical Senior: <u>Shahab Khoshmashrab</u>

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

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **0-1** Date: **April 2025**

Technical Area: <u><b>Paleontological Resources</b></u> Project Manager: <u>Eric Veerkamp</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u><b>James Ackerman,</b> <b>Kevin DeLano</b></u> Technical Senior: <u>Abdel-Karim Abulaban</u>
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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 3.8.3, pp. 3.8-4 to 3.8-5; 3.8.4 p. 3.8-5.	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 3.8.3.1, p. 3.8-4	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 3.8.7, pp. 3.8-8 to 3.8-9	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	Section 3.8 p. 3.8-1; Subsection 3.8.1 pp. 3.8-1 to 3.8-2; Subsection 3.8.2 pp. 3.8-2 to 3.8-4; Table 3.8-1 p. 3.8-3; Subsection 3.8.3 pp. 3.8-4 to 3.8-5; 3.8.4 p. 3.8-5; Subsection 3.8.5 pp. 3.8-5 to 3.8-6	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 0-1 Date: April 2025

Technical Area: Paleontological Resources Project: Potential-Viridi Battery Energy Storage System Technical Staff: James Ackerman, Kevin DeLano  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The size of the paleontological study area may vary depending on the depositional history of the region.	Subsection 3.8.1, pp. 3.8-1 to 3.8-2	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontological localities or other paleontological resources within or adjacent to the project. Include a discussion of sensitivity for each geologic unit identified on the most recent geologic map at a scale of 1:24,000. Provide rationale as to why the sensitivity was assigned.	Subsection 3.8.1.1.1 p. 3.8-2; Figure 3.4-1 p. 3.4-17; <b><u>CEC Data Request Response 1 (TN 260827), Section 5 (p. 13); DR Response 1 – Revised Paleontological Resources Section (TN 260796). See also TN's 262573, 262574, and TN's 262577, 262578 and 262579, TN 262583</u></b>	Yes	
Appendix B (g) (16) (C)	A summary of all local museums, literature searches and field surveys used to provide information about paleontological resources in the project area described in (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names	Subsection 3.8.3.1.1, p. 3.8-4; Section 3.8.3.1.2, p. 3.8-4; Appendix 3.8B (Confidential)	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 0-1 Date: April 2025

Technical Area: <u><b>Paleontological Resources</b></u> Project Manager: <u>Eric Veerkamp</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u>James Ackerman, <b>Kevin DeLano</b></u> Technical Senior: <u>Abdel-Karim Abulaban</u>
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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and qualifications of the individuals conducting the surveys.			
Appendix B (g) (16) (D)	Information on the specific location of known palaeontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, showing occurrences of fossil finds, if known, within a 1-mile radius of the project and related facilities shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to California Code of Regulations, title 20, section 2501 et seq.	Appendix 3.8B (Confidential)	Yes	
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known palaeontologic resources, and a set of contingency measures for mitigation of potential impacts to unknown paleontological resources.	Section 3.8.5, pp. 3.8-5 to 3.8-6	Yes	
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	Subsection 3.8.6, pp. 3.8-6 to 3.8-8, Table 3.8.2, p. 3.8-6	Yes	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **0-1** Date: **April 2025**

Technical Area: <u><b>Paleontological Resources</b></u> Project Manager: <u>Eric Veerkamp</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u>James Ackerman, <b>Kevin DeLano</b></u> Technical Senior: <u>Abdel-Karim Abulaban</u>
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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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 3.8.6, p. 3.8-6; Table 3.8.2 p. 3.8-6	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.	Subsection 3.8.7, p. 3.8-8; Table 3.8.3, p. 3.8-9	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.	Section 3.8.8, p. 3.8-8	Yes	

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Project Description

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Ann Crisp

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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;	DRR PD-1, page 37, Attachment 15 (TN 261411), Lease Area and Surround. Features	No <u>Yes</u>	
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);	<del>Subsection 2.4, Figure 2-4; Appendix 2A, Appendix 2B (Confidential);</del> DRR PD-2, page 37, Attachment 16 (TN 261423), Sheets C-1.2, 1.3, C-1.0, 1.1 and 2.0	No <u>Yes</u>	
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 2.1, p. 2-1; Subsection 2.1.3, pp. 2-2 to 2.7, Subsection 2.1.3, Tables 2-1 and 2-2, p. 2-3; Subsection 2.4, p. 2-18 to 2-19, DRR PD-3, page 37, Attachment 7 (TN 261401), Figure 2-2 and 2-3	No <u>Yes</u>	

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Project Description

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Ann Crisp

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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) (D)	A description of how the site and related facilities were selected, and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and other factors considered by the applicant.	Section 2.6, p. 2-19; Subsection 4.3, p. 4-2 to 4.3	Yes	
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);	DRR PD-3, page 37, Attachment 7 (TN 261401), Figure 2-6	<del>No</del> <u>Yes</u>	
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 3.13, Figures 3.13-3A to 3.13-3C, Section 3.13, Figures 3.13-4A to 3.13-4C	Yes	
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	Section 2.2, pp. 2-7 to 2-10, Section 2.2, Tables 2-3 and 2-4, pp. 2-8 to 2-9, Figure 2.6	Yes	

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: **April 2025**

Technical Area: **Project Description**

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Ann Crisp

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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
	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.			
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	Section 2.2, p. 2-7	Yes	
Appendix B (b) (2) (E)	A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact Study agreement and proof of payment to the interconnecting utility.  If the interconnection and operation of the proposed project will likely impact a transmission system that is not	Appendix 2D	Yes	

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Project Description

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Ann Crisp

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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
	controlled by the interconnecting utility (or California Independent System Operator), provide evidence of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.			
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	N/A	N/A	N/A

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: **April 2025**

Technical Area: **Project Description**

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Ann Crisp

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

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
	documents which address steam field development;			
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 descriptions and concentrations of any substances potentially harmful to public health and safety or to the environment;	N/A	N/A	N/A
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.	DRR PD-4, page 38. Attachment 7, Section 2.5 Decommissioning (TN 261401) p. 2-20, Appendix 2C, (TN 258050)	<del>No</del> <b>Yes</b>	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1 Date: April 2025

Technical Area: Public Health Project: Potentia-Viridi Technical Staff: Winston Potts/Tao Jiang/Yifan

Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Ding

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 3.9.1, p. 3.9-2, Subsection 3.9.2, pp. 3.9-3 to 3.9-6	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 2.3.1, Table 2-5, pp. 2-10 to 2-11, Subsection 2.3.2, Table 2-6, pp. 2-11 to 2-13; Subsection 3.9.1, p. 3.9-2, Subsection 3.9.2, pp. 3.9-3 to 3.9-6	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 3.9.6, p. 3.9-10	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	Subsection 3.9.1, Subsection 3.9.2, Subsection 3.9.3, pp. 3.9-1 to 3.9-6; Appendix 3.1B; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN261404), Attachment 17 (TN 261419)</u></b>	No	<b><u>REV 1 DR PH-1 to REV 1 DR PH-4</u></b>

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ Revision No. 0-1 Date: April 2025  
 Technical Area: Public Health Project: Potentia-Viridi Technical Staff: Winston Potts/Tao Jiang/Yifan  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System Technical Senior: Ding  
24-OPT-04 Technical Senior: Wenjun Qian

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
Appendix B (g) (9) (A)	An assessment of the potential risk to human health from the project's hazardous air emissions using the Air Resources Board Hotspots Analysis and Reporting Program (HARP) (Health and Safety Code §§44360-44366) or its successor and Approved Risk Assessment Health Values. These values should include the cancer potency values and noncancer reference exposure levels approved by the Office of Environmental Health Hazard Assessment (OEHA Guidelines, Cal-EPA 2005).	Subsection 3.9.2, pp. 3.9-4 to 3.9-5, Table 3.9-2, Table 3.9-3; Appendix 3.1B; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN261404), Attachment 17 (TN261419)</u></b>	No	<b><u>REV 1 DR PH-1 to REV 1 DR PH-4</u></b>
Appendix B (g) (9) (B)	A listing of the input data and output results, in both electronic	Subsection 3.9.2.2, Table 3.9-1, p. 3.9-4; Appendix	No	<b><u>REV 1 DR PH-1 to REV 1 DR PH-4</u></b>



### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1 Date: April 2025

Technical Area: Public Health Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Winston Potts/Tao Jiang/Yifan

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Wenjun Qian

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and print formats, used to prepare the HARP health risk assessment.	3.1B; <b><u>Data Request Response Set #2 (TN261398) – Attachment 3 (TN261404)</u></b>		
Appendix B (g) (9) (C)	Identification of available health studies through the local public health department concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site related to respiratory illnesses, cancers or related diseases.	Subsection 3.9- 1, p. 3.9-1	Yes	
Appendix B (g) (9) (D)	A map showing sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Subsection 3.9.2, p. 3.9-3; <b><u>Data Request Response Set #2 (TN261398) – Attachment 17 (TN261419), Revised Section 3.9, Figure 3.9-1</u></b>	<del>No</del> <b><u>Yes</u></b>	
Appendix B (g) (9) (E)	For this section, the following definitions apply:	--	--	--
Appendix B (g) (9) (E) (i)	A sensitive receptor refers to infants and children, the elderly, and the chronically ill, and any other member of the general population who is more susceptible to the effects of the	Subsection 3.9.1, p. 3.9-2, Subsection 3.9.2, p. 3.9-3; <b><u>Data Request Response Set #2 (TN261398) – Attachment 17 (TN261419), Revised Section 3.9</u></b>	<del>No</del> <b><u>Yes</u></b>	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1 Date: April 2025

Technical Area: Public Health Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Winston Potts/Tao Jiang/Yifan Ding

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Wenjun Qian

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	exposure than the population at large;			
Appendix B (g) (9) (E) (ii)	An acute exposure is one that occurs over a time period of less than or equal to one (1) hour; and	N/A	N/A	N/A
Appendix B (g) (9) (E) (iii)	A chronic exposure is one that is greater than twelve (12) percent of a lifetime of seventy (70) years.	Subsection 3.9.1, p. 3.9-2, Subsection 3.9-2, pp. 3.9-3 to 3.9-5, Tables 3.9-2, 3.9-3	Yes	
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 3.9.5, pp. 3.9-8 to 3.9-10	Yes	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified	Section 3.1, Subsection 3.1.5, pp. 3.1-29; <b>Data Request Response Set #2 (TN261398) –</b>	<del>No</del> <b>Yes</b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 0-1 Date: April 2025

Technical Area: Public Health Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Winston Potts/Tao Jiang/Yifan Ding  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Wenjun Qian

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	<b><u>Attachment 17 (TN261419), Revised Section 3.9, Table 3.9-6</u></b>		
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 3.1, Subsection 3.1.6, pp. 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Response to DR PH-7</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 3.1.7, pp. 3.1-29; <b><u>Data Request Response Set #2 (TN261398) – Attachment 5 (TN 261427, TN 261428)</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete        Revision No. **01** Date: **April 2025**

Technical Area: **Reliability** Project: Potentia-Viridi Technical Staff: Ardalan Raisi Sofi

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Shahab Khoshmashrab

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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.	N/A	N/A	N/A
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;	N/A	N/A	N/A
Appendix B (h) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	Section 3.1, Subsection 3.1.3.2.2, p. 3.1-17	Yes	
Appendix B (h) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be	Section 2.4, p. 2-18; Appendix 3.2E, p. 19	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete        Revision No. **01** Date: **April 2025**

Technical Area: **Reliability** Project: Potentia-Viridi Technical Staff: Ardalan Raisi Sofi

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Shahab Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	achieved by the proposed facilities on consideration of:			
Appendix B (h) (3) (B) (i)	Expected overall availability factor, and annual and lifetime capacity factors;	Section 2.4, pp. 2-17 to 2-18	Yes	
Appendix B (h) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	Section 1.3, pp. 1-2 to 1-6	Yes	
Appendix B (h) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	Subsection 3.4.1, pp. 3.4-1 to 3.4-6; Subsection 3.15.1.1, p. 3.15-1; Subsection 3.15.1.4, p. 3.15-7	Yes	
Appendix B (h) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability including equipment redundancy; and	Section 2.4, p. 2-18; Appendix 1F, pp. 3 to 4	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete        Revision No. **01** Date: **April 2025**

Technical Area: **Reliability** Project: Potentia-Viridi Technical Staff: Ardalan Raisi Sofi

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Shahab Khoshmashrab

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
Appendix B (h) (3) (B) (v)	For technologies not previously installed and operated in California, the expected power plant maturation period.	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	N/A	N/A	N/A
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	N/A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete        Revision No. **01** Date: **April 2025**

Technical Area: **Reliability** Project: Potentia-Viridi Technical Staff: Ardalan Raisi Sofi

Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Shahab Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.			
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.	N/A	N/A	N/A
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. 01 Date: **April 2025**

Technical Area: <u><b>Socioeconomics</b></u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u>	Technical Staff: <u>Ellen LeFevre</u>
Project Manager: <u>Eric Veerkamp</u>	Docket: <u>24-OPT-04</u>	Technical Senior: <u>Steven Kerr</u>

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 3.10.3.1, p. 3.10-14; Subsection 3.10.2.2, p. 3.10-14; Subsection 3.10.2.3, p. 3.10-15; Appendix 3.10A (Confidential), pp. 25 to 26, 30 to 31, 33, and 40	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 3.10.1.1, p. 3.10-2; Appendix 3.10A (Confidential) pp. 25 to 26	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;	N/A	N/A	N/A
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	Subsection 3.10.1, p. 3.10-1; Subsection 3.10.4, pp. 3.10-19 to 3.10-20; Subsection 3.10.2.3, pp. 3.10-15 to 3.10-19; Subsection 3.10.5, p. 3.10-20	Yes	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**      Revision No. 01      Date: **April 2025**

Technical Area: **Socioeconomics**      Project: Potentia-Viridi      Technical Staff: Ellen LeFevre

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      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
	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.			
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	Appendix 3.10A (Confidential), Chapter 2, pp. 6 to 15	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Subsection 3.10.1.3, Table 3.0-6 and Table 3.10-7, pp. 3.10-6 to 3.10-7; Subsection 3.10.1.4, p. 3.10-8	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Subsection 3.10.1.1, Tables 3.10-1, 3.10-2, and 3.10-3, pp. 3.10-2 to 3.10-4; Appendix 3.10A (Confidential), p. 8 to 9, and 13 to 15	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Subsection 3.10.1.3, Table 3.10-8, p. 3.10-7 <b><u>Subsection 3.10.1.3 Table 3.10-6, 3.10-8, pp. 3.10-6 – 3.10-7</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ Revision No. 01 Date: April 2025

Technical Area: Socioeconomics Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Ellen LeFevre

Project Manager: Eric Veerkamp Docket: 24-OPT-04 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) (7) (A) (iv)	Availability of skilled workers by occupation required for construction and operation of the project;	Appendix 3.10A (Confidential), Table A-4, p. 45	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing and current vacancy rate; and	Subsection 3.10.1.2, Table 3.10-4, pp. 3.10-4 to 3.10-5	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, service standards, existing and expected use levels, and planned expansion of utilities (gas, water, and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, school districts, parks and recreation facilities, libraries, and other public facilities. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes for the duration of the project schedule.	Subsection 3.10.1.6.1, p. 3.10-10; Subsection 3.10.1.6.2, p. 3.10-10 to 3.10-11; Subsection 3.10.1.6.4, p. 3.10-12 to 3.10-13 <b><u>Subsection 3.10.1.6.5, 3.10.1.6.6, pp. 3.10-13 – 3.10-14</u></b>	<del>No</del> <b><u>Yes</u></b>	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project (note year of estimate,	Appendix 3.10A (Confidential), Chapter 3, pp. 26 to 33	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: <u><b>Socioeconomics</b></u> Project Manager: <u>Eric Veerkamp</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u>Ellen LeFevre</u> Technical Senior: <u>Steven Kerr</u>
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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	model, if used, and appropriate sources), including:			
Appendix B (g) (7) (B) (i)	An estimate of the number of workers to be employed each month by occupation during construction, and for operations, an estimate of the number of permanent operations workers during a year;	Subsection 3.10.2.3, p. 3.10-15; Appendix 3.10A (Confidential), Subsection 3.2, Table 3-3 and 3-4, pp. 28 to 29	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the percentage of non-local workers who will relocate to the project area to work during the project construction and operation;	Subsection 3.10.2.3.4, pp. 3.10-16 to 3.1-17; Appendix 3.10A (Confidential), Table A-9, pg. 47, and Table 3-5 p. 34.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Appendix 3.10A (Confidential), pp. 34 to 35	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Appendix 3.10A (Confidential), Subsection 3.4.2, p. 34	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs and ability to meet local service standards, on utilities (gas, water, and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school	Subsection 3.10.1.6.1, p. 3.10-10; Subsection 3.10.2.3, pp. 3.10-18 to 3.10-19; Subsection 3.10.1.6.2, p. 3.10-10; Subsection 3.10.1.7, pp. 3.10-13; Subsection 3.10.1.6.3, p. 3.10-11; Subsection 3.10.1.6.4, p.	No <u><b>Yes</b></u>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**      Revision No. 01      Date: **April 2025**

Technical Area: **Socioeconomics**      Project: Potentia-Viridi      Technical Staff: Ellen LeFevre

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      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
	districts. Include response times to hospitals and for police protection, fire projection, emergency services, parks and recreation facilities, libraries, and other public facilities. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operating -phases;	3.10-12; Subsection 3.10.1.5, p. 3.10-9 <b><u>Subsection 3.10.6.1 – 3.10.1.4, pp. 3.10-10 – 3.10-12</u></b>		
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Appendix 3.10A (Confidential), Subsection 2.5, p. 19	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees;	Subsection 3.10.2.3, p. 3.10-16 to 3.10-17	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project;	Appendix 3.10A (Confidential), Table 8-A, p. 48, and Table 3-7, p. 32	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost (plant and equipment) of the project;	Appendix 3.10A (Confidential), p. 31	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X**

Revision No. 01 Date: **April 2025**

Technical Area: <u><b>Socioeconomics</b></u> Project Manager: <u>Eric Veerkamp</u>	Project: <u>Potentia-Viridi Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u>Ellen LeFevre</u> Technical Senior: <u>Steven Kerr</u>
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SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (x)	An estimate of sales taxes generated during construction and separately during an operational year of the project;	Appendix 3.10A (Confidential), p. 37, Tables A-10 and A-11, p. 50	Yes	
Appendix B (g) (7) (B) (xi)	An estimate of property taxes generated during an operational year of the project;	Appendix 3.10A (Confidential), Subsection 3.3.1, Table 3-7 p. 32	Yes	
Appendix B (g) (7) (B) (xii)	The expected direct, indirect, and induced income and employment effects due to construction and operation of the project; and	Subsection 3.10.2.3, pp. 3.10-16 to 3.10-17	Yes	
Appendix B (g) (7) (B) (xiii)	A discussion of impacts to environmental justice populations by technical areas and whether any impacts would disproportionately affect the environmental justice populations.	Subsection 3.10.2.4, p. 3.10-19 <b><u>Subsection 3.10.3.4 pp. 3.10-25 – 3.10-27</u></b>	<del>No</del> <b><u>Yes</u></b>	
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	Subsection 3.10.6, Table 3.10-16, pp. 3.10-21 to 3.10-22	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_ Incomplete **X** Revision No. **01** Date: **April 2025**

Technical Area: **Socioeconomics** Project: **Potentia-Viridi** Technical Staff: **Ellen LeFevre**  
 Project Manager: **Eric Veerkamp** Docket: **Battery Energy Storage System** Technical Senior: **Steven Kerr**  
**24-OPT-04**

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.	Subsection 3.10-6, Table 3.10-16, pp. 3.10-21 to 3.10-22; Subsection 3.10.8, p. 3.10-23	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.	Subsection 3.10.7, Table 3.10-17, p. 3.10-23; Appendix 3.10A (Confidential), Table 3.6, p. 41	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 **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Soils** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: James Ackerman/Andrea Koch

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Karim Abulaban/Steve Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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.	Appendix 3.4A	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	Appendix 3.2A; Appendix 3.4A; Appendix 3.5A	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;	Appendix 3.4A; Appendix 2A; Appendix 3.5A; Appendix 3.2A	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	Subsection 3.11.1, pp. 3.11-1 to 3.11-3; Subsection 3.11.3, pp. 3.11-4 to 3.11-6; Subsection 3.11.4, pp. 3.11-6 to 3.11-7; Subsection 3.11.5, p. 3.11-7	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Soils** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: James Ackerman/Andrea Koch

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Karim Abulaban/Steve Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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.			
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Subsection 3.11.1.1, pp. 3.11-1 to 3.11-2; Figure 3.11-1, p. 3.11-13	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil;	Subsection 3.11.1.1, pp. 3.11-1 to 3.11-2; Subsection 3.11.1.2, p. 3.11-2	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of	Subsection 3.11.1.3, pp. 3.11-2 to 3.11-3	Yes	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Soils** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: James Ackerman/Andrea Koch

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Karim Abulaban/Steve Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	pollutants in the soil-vegetation system;			
Appendix B (g) (15) (A) (iii)	The location of any proposed fill disposal or fill procurement (borrow) sites; and	Subsection 3.11.3.3, Impact 3.11-1, pp. 3.11-4 to 3.11-5.	Yes	
Appendix B (g) (15) (A) (iv)	The location of any contaminated soils that could be disturbed by project construction.	Subsection 3.11.1.3.5, p. 3.11-3.	Yes	
Appendix B (g) (15) (B)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Subsection 3.11.3.3, pp. 3.11-4 to 3.11-6	Yes	
Appendix B (g) (15) (B) (i)	The quantification of accelerated soil loss due to wind and water erosion; and	Section 3.11.1.2, p. 3.11-2; Section 3.11.3.3, pp. 3.11-4 to 3.11-6	Yes	
Appendix B (g) (15) (B) (ii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 3.1, pp. 3.1 - 3.10; Subsection 3.1.4, pp. 3.1-18 to 3.1-27;	Yes	
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	Subsection 3.11.6, pp. 3.11-7 to 3.11-10	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. 0 **1** Date: **April 2025**

Technical Area: **Soils** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: James Ackerman/Andrea Koch

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Karim Abulaban/Steve Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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			
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 3.11.7, p. 3.11-7	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.	Subsection 3.11.7, p. 3.11-10	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Soils** Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: James Ackerman/Andrea Koch

Project Manager: Eric Veerkamp Docket: 24-OPT-04

Technical Senior: Karim Abulaban/Steve Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.11.8, p. 3.11-10	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **0 1** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.12.3.1, p. 3.12-4; Subsection 3.12.3.2, pp. 3.12-4 to 3.12-5; Appendix 3.12A, pp. 17 to 19; Appendix 3.12A, p. 40	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 3.12.3.1, p. 3.12-4; Subsection 3.12.3.2, pp. 3.12-4 to 3.12-5; Appendix 3.12A, pp. 17 to 19; Appendix 3.12A, p. 40	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 3.12.9, pp. 3.12-24 to 3.12-25; Appendix 3.12A, p.42	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	Section 3.12, pp. 3.12-1 to 3.12-25	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	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.			
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.	Appendix 3.12A, Figure 1	Yes	
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	N/A	N/A	N/A

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	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:			
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
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 3.12.3.3, pp. 3.12-9 to 3.12-10	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
Appendix B (g) (5) (C) (i)	The local jurisdiction's thresholds of significance;	Subsection 3.12.3.3, pp. 3.12-9 to 3.12-10	Yes	
Appendix B (g) (5) (C) (ii)	Methodologies (such as local VMT Evaluation Tool);	Subsection 3.12.3.3, pp. 3.12-9 to 3.12-10	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.	N/A	N/A	N/A
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 facility. For each road identified, include the following, where applicable:	Subsection 3.12.1, pp. 3.12-1 to 3.12-3; Appendix 3.12A, pp. 6 to 9	Yes	
Appendix B (g) (5) (D) (i)	Road classification and design capacity;	Subsection 3.12.1.1, pp. 3.12-1 to 3.12-2; Appendix 3.12A, p. 6; Appendix 3.12A, Figure 3	Yes	
Appendix B (g) (5) (D) (ii)	Current daily average and peak traffic counts;	Appendix 3.12, Table 4; Appendix 3.12A, Figure 10; Appendix 3.12A, Appendix A	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
Appendix B (g) (5) (D) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Subsection 3.12.3.3, Table 3.12-1; Subsection 3.12.4, Table 3.12-3	Yes	
Appendix B (g) (5) (D) (iv)	Weight and load limitations;	Subsection 3.12.1.6, pp: 3.12-3 to 3.12-4	Yes	
Appendix B (g) (5) (D) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Subsection 3.12.3.3, Table 3.12-2; Appendix 3.12A, Table 4	Yes	
Appendix B (g) (5) (D) (vi)	An identification of any road features affecting public safety.	Subsection 3.12.1.1, p.3.12-2; Subsection 3.12.4, p.3.12-13; Appendix 3.12A, pp: 49 to 56.	<del>No</del> Yes	
Appendix B (g) (5) (E)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified in (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:	Section 3.12, pp. 3.12-1 to 3.12-25	Yes	
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.	Appendix 3.12A, pp: 67 to 68.	<del>No</del> Yes	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete           Revision No. **0 1**      Date: **April 2025**

Technical Area: **Traffic and Transportation**      Project: Potentia-Viridi      Technical Staff: Bill Burton

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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.	3.12.3.3, pp. 3.12-10 to 3.12.11; Appendix 3.12A, p.7; Appendix 3.12A, pp: 57 to 65.	<del>No</del> Yes	
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.	Subsection 3.12.3.3, p. 3.12-11	Yes	
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	Subsection 3.12.6, Table 3.12-5. p. 3.12-16	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Traffic and Transportation** Project: Potentia-Viridi Technical Staff: Bill Burton  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	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 3.12.7, Table 3.12-6, 3.12-23	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.	<del>Subsection 3.12.7, Table 3.12-6, p. 3.12-23</del> Subsection 3.12.6.3, Table 3.12-6, pp. 24 to 26.	<del>No</del> <u>Yes</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 3.12.8, Table 3.12-7, p. 3.12-24	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete  Revision No. **01** Date: **April 2025**

Technical Area: **Transmission System** Project: **Potentia-Viridi** Technical Staff: **Sudath Edirisuriya**

Project Manager: **Eric Veerkamp** Docket: **24-OPT-04** Technical Senior: **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.	N/A	N/A	N/A
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.	N/A	N/A	N/A
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	Section 2, pp. 2-1 to 2-10	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No.   01   Date: **April 2025**

Technical Area: **Transmission System**

Potentia-Viridi

Project Manager: **Safety and Nuisance**

Project: Battery Energy Storage System

Technical Staff: Sudath Edirisuriya

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Joseph Hughes

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 2, pp. 2-1 to 2-10	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 2, pp. 2.-1 to 2-10; Appendix 2B (Confidential), pp. 4-21  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 2, pp. 2-1 to 10; Appendix 2B (Confidential), pp. 4-21 <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 but could proposed project, and a	Section 2, pp. 2-1 to 2-10  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete  Revision No. **01** Date: **April 2025**

Technical Area: **Transmission System** Project: **Potentia-Viridi** Technical Staff: **Sudath Edirisuriya**

Project Manager: **Eric Veerkamp** Docket: **Battery Energy Storage System** Technical Senior: **Joseph Hughes**

**24-OPT-04**

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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.	N/A	N/A	N/A
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 ☐  
 Technical Area: **Transmission System Design** Project: Potentia-Viridi  
 Project Manager: Eric Veerkamp Docket: Battery Energy Storage System  
 Revision No. 01 Date: **April 2025**  
 Technical Staff: Sudath Edirisuriya  
 Technical Senior: 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.	N/A	N/A	N/A
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.	N/A	N/A	N/A
Appendix B (h) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 2, pp. 2-1 to 2-10; Appendix 2B (Confidential), pp. 4-21	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐      Revision No. 01 Date: April 2025

Technical Area: Transmission System Design      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Sudath Edirisuriya

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: 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 (h) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 2, pp. 2-1 to 2-10; Appendix 2B (Confidential), pp. 4-21  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	
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 2, pp. 2-1 to 2-10; Appendix 2B (Confidential), pp. 4-21  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	
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.	Section 2, pp. 2-1 to 2-10; Appendix 2B (Confidential), pp. 4-21	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐      Revision No. 01 Date: April 2025

Technical Area: Transmission System Design      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Sudath Edirisuriya

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: 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 (b) (2) (E)	A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact Study agreement and proof of payment to the interconnecting utility. If the interconnection and operation of the proposed project will likely impact an transmission system that is not controlled by the interconnecting utility (or California Independent System Operator), provide evidence of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.	Transmission and Interconnection Study (Confidential)	Yes	
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	Section 2, pp. 21 to 2-10  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b>Yes</b>	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐      Revision No. 01 Date: April 2025

Technical Area: Transmission System Design      Project: Potentia-Viridi Battery Energy Storage System      Technical Staff: Sudath Edirisuriya

Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: Joseph Hughes

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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 2, pp. 2-1 to 2-10  <b><u>DR Response No 1- TN No# 260827</u></b>	<del>No</del> <b><u>Yes</u></b>	
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.	N/A	N/A	N/A
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

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.13.3.1, pp. 3.13-5 to 3.13-7; Subsection 3.13.3.2, pp. 3.13-7 to 3.13-9; Subsection 3.13.3.3, pp. 3.13-9 to 3.13-10; Subsection 3.13.3.5, pp. 3.13-11 to 3.13-16; Subsection 3.13.4, pp. 3.13-16 to 3.13-17	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 3.13.3.1, pp. 3.13-5 to 3.13-7; Subsection 3.13.3.2, pp. 3.13-7 to 3.13-9; Subsection 3.13.3.3, pp. 3.13-9 to 3.13-10; Subsection 3.13.3.5, pp. 3.13-11 to 3.13-16; Subsection 3.13.4, pp. 3.13-16 to 3.13-17	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 3.13.9, pp. 3.13-32 to 3.13-33	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	Subsection 3.13.1.2, pp. 3.13-2 to 3.13-5; Subsection 3.13.3.3, pp. 3.13-9 to 3.13-10; Subsection 3.13.3.5, pp.	<del>No</del> <u><b>Yes</b></u>	

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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 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.	3.13-11 to 3.13-16; Subsection 3.13.4, pp. 3.16-16 to 3.16-17; Subsection 3.13.5, p. 3.13-17; Subsection 3.2, pp. 3-2 to 3-7 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.3.5, pp. 3.13-12 and 15; Subsection 3.13.5, p. 3.13-19; (TN 261447), pp. 1-31; (TN 261420), p. 1; (TN261421), pp. E-0.1 to E-1.0</u></b>		
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 3.13.1, pp. 3.13-1 to 3.13-5	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 3.13.1.2, p. 3.13-2; Figure 3.13-1, p. 3.13-35	Yes	

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.13.1.2, pp. 3.13-2 to 3.13-4	Yes	
Appendix B (g) (6) (A) (i) b.	A natural feature or object that is a part of the land, such as a geologic distinguishing 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).	Subsection 3.13.1.2, pp. 3.13-2 to 3.13-4 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.1.2, p. 3.13-2</u></b>	No <u><b>Yes</b></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 3.13.1.2, pp. 3.13-2 to 3.13-4	Yes	
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	Subsection 3.13.1.2, pp. 3.13-2 to 3.13-5; Subsection 3.13.3.5, pp. 3.13-11 to 3.13-16	Yes	

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	resource? Is the project situated so that it changes the visual aspect of a scenic resource by being different or in sharp contrast?			
Appendix B (g) (6) (A) (ii)	Describe the existing nighttime lighting on the project site and in the vicinity.	Subsection 3.13.1.2, p. 3.13-2	Yes	
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.	N/A	N/A	N/A
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:	--	--	--

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.13.1.2, pp. 3.13-4 to 3.13-5; Subsection 3.13.3.1, pp. 3.13-6 to 3.16.7; Figure 3.13-2, p. 3.13-37	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 3.13.3.1, p. 3.13-6	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 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	Subsection 3.13.3.1, Table 13.3-1, p. 3.13-7	Yes	

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	focal length, viewing angle; date and time the photograph was taken, and the distance to the project site.			
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 3.13.3.1, pp. 3.13-6 to 3.13-7; Subsection 3.13.3.3, pp. 3.16-9 to 3.16-10 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.1.3.1, p. 3.13-7</u></b>	No <u><b>Yes</b></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 3.13, Figures 3.13-3A to 3.13-4C <b><u>SharePoint Site, Site Photos.zip</u></b>	No <u><b>Yes</b></u>	
Appendix B (g) (6) (C) (vi)	Provide a copy of the KOP photograph(s) and photo-realistic simulation(s) in an electronic file.	Subsection 3.13, Figures 3.13-3A to 3.13-4C <b><u>SharePoint Site, Site Photos.zip</u></b>	No <u><b>Yes</b></u>	
Appendix B (g) (6) (D)	Show and describe the project in the landscape.	Subsection 3.13, Figures 3.13-3A to 3.13-4C <b><u>SharePoint Site, Site Photos.zip</u></b>	No <u><b>Yes</b></u>	
Appendix B (g) (6) (D) (i)	Provide an 8.5" x 11" sized scaled elevation(s) of project buildings, structures, and major equipment;	Subsection 3.13.3.2, pp. 3.13-7 to 3.13-8	No	<b><u>See REV1 DR VIS-1</u></b>

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	a table listing their dimensions (height, length, width, diameter).			
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 3.13.3.2, Table 3.13-2, p. 3.13-8	Yes	
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 3.13.6, Table 3.13-3. pp. 3.13-20 to 3.13-25	Yes	
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 1L	Yes	
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 1L	Yes	
Appendix B (g) (6) (D) (iv) b.	the calculated total pervious surface amount for the project site; include the surface to be	Not provided <b><u>Data Request Response #2 (TN261423), p. 11</u></b>	<del>No</del> <b><u>Yes</u></b>	



Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	replaced, the new surface, and the total area to be landscaped.			
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 3.13.3.2, p. 3.13-9; Subsection 3.13.3.5, 3.13d, pp. 3.13-15 to 3.13-16 <b><u>Data Request Response #2 (TN261421), pp. 4 to Z</u></b>	No <u><b>Yes</b></u>	
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 3.13.3.2, p. 3.13-9; Subsection 3.13.3.5, 3.13d, pp. 3.13-15 to 3.13-16 <b><u>Data Request Response #2 (TN261421), p. 6 (Sheet E-0.3)</u></b>	No <u><b>Yes</b></u>	
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	Subsection 3.13.3.2, p. 3.13-9; Subsection 3.13.3.5, 3.13d, pp. 3.13-15 to 3.13-16 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.3.5, pp. 3.13-15 to 3.13-16</u></b>	No <u><b>Yes</b></u>	

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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).			
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:	--	--	--
Appendix B (g) (6) (E) (i)	Provide the cooling tower's number of fan cells, the fan cell stack height and diameter, the exhaust mass flow rate, heat rejection rate, and exhaust temperature.	N/A	N/A	N/A
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	N/A	N/A	N/A

Completeness: Complete \_\_\_ Incomplete **X** **DATA COMPLETENESS WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Visual Resources** Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: Steven Kerr

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	recognized scenic vista, scenic resource, and the existing visual character or quality of public views of the site and its surroundings.			
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 3.13.6, pp. 3.13-7 to 3.13-32 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.6, Table 3.13-3, pp. 3.13-19 to 3.13-29</u></b>	No	<b><u>See REV1 DR VIS-2</u></b>
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	Subsections 3.13.7 and 3.13.8, p. 3.13-32 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.3.5, p. 3.13-17</u></b>	<del>No</del> <b><u>Yes</u></b>	

# **DATA COMPLETENESS WORKSHEET**

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Visual Resources Project: Potentia-Viridi Technical Staff: Michael Clayton (MCA)  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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.			
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.	Subsections 3.13.7 and 3.13.8, p. 3.13-32 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.3.5, p. 3.13-17, Subsection 3.13.7, p. 3.13-34; Subsection 3.13.8, p. 3.13-34</u></b>	No <u>Yes</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.	Subsections 3.13.7 and 3.13.8, p. 3.13-32 <b><u>Data Request Response #2 (TN 261409), Subsection 3.13.3.5, p. 3.13-17, Subsection 3.13.7, p. 3.13-34; Subsection 3.13.8, p. 3.13-34</u></b>	No <u>Yes</u>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: <u><b>Waste Management</b></u> Project Manager: <u>Eric Veerkamp</u>	Potentia-Viridi Project: <u>Battery Energy Storage System</u> Docket: <u>24-OPT-04</u>	Technical Staff: <u>James Ackerman/Paul Miller</u> Technical Senior: <u>A. Abulaban/B. Fooks</u>
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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 3.14.3 pp. 3.14-3 to 3.14-8; Subsection 3.14.4, pp. 3.14-8 to 3.14-9	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 3.14.1.1, pp. 3.14-1; Appendix 3.5A	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 3.14.9, p. 3.14-13; Appendix 1I, Section 6, p. 17	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	Subsection 3.14.1, pp. 3.14-1 to 3.14-2; Subsection 3.14.3, pp. 3.14-3 to 3.14-8; Subsection 3.14.4, pp. 3.14-8 to 3.14-9; Subsection 3.14.5, p. 3.14-9	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. 01 Date: **April 2025**

Technical Area: **Waste Management**      Potentia-Viridi  
 Project: Battery Energy Storage System      Technical Staff: James Ackerman/Paul Miller  
 Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: A. Abulaban/B. Fooks

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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.			
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment (ESA) for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination. The Phase I ESA shall have been completed no earlier than one year prior to the filing of the application.	Appendix 3.5A	Yes	
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during	Section 3.14.3.3, p.p. 3.14-3 to 3.14-8; Table 3.14-2, p.p. 3.14-4	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **0 1** Date: **April 2025**

Technical Area: **Waste Management**      Potentia-Viridi  
 Project: Battery Energy Storage System      Technical Staff: James Ackerman/Paul Miller  
 Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: A. Abulaban/B. Fooks

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	to 3.14-5; Table 3.14-3, p.p. 3.14-7 to 3.14-8; Appendix 1I, Section 3, p.p. 7-11; Appendix 1I, Table 2, p.p. 13-14. Data Request Response #1, (TN 260799) Attachment 9, Subsection 3.1.3		
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under California Code of Regulations, Title 23, section 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Subsection 3.14.1.2, p. 3.14-1; Table 3.14-1, p. 3.14-2; Section 3.14.1.3, p. 3.14-2.	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste	Subsection 3.14.3, pp. 3.14-3 to 3.14-8; Table 3.14-2, p.p. 3.14-4 to 3.14-5; Table 3.14-3, pp. 3.14-7 to 3.14-8; Section 3.14.4, pp. 13.4-8 to 3.14-9; Appendix 1I, Section 3, pp. 7-12; Appendix 1I,	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☒ Incomplete ☐

Revision No. 01 Date: April 2025

Technical Area: Waste Management Project: Potentia-Viridi Battery Energy Storage System Technical Staff: James Ackerman/Paul Miller  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 Technical Senior: A. Abulaban/B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	treatment methods used, and use of contractors for treatment.	Table 2, pp. 13-14; Appendix 1I, Section 5, p. 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	Section 13.4.6, pp. 3.14-9 to 3.14-12; Table 3.14-4, pp. 3.14-9 to 3.14-10	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.	Section 3.14.7, p. 3.14-12; Table 3.14-5, p. 3.14-13	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	Section 3.14.7, p. 3.14-12; Table 3.14-5, p. 3.14-13	Yes	



### DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete     

Revision No. **01** Date: **April 2025**

Technical Area: **Waste Management**      Potentia-Viridi  
 Project: Battery Energy Storage System      Technical Staff: James Ackerman/Paul Miller  
 Project Manager: Eric Veerkamp      Docket: 24-OPT-04      Technical Senior: A. Abulaban/B. Fooks

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	agency, and provide the name of the official who will serve as a contact person for Commission staff.			
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 3.14.9, p. 3.14-13	Yes	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
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 3.15, pp. 3.15-1 to 3.15-38	Yes	See DRR-2, response to DR WATER-5
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 3.15.8, pp. 3.15-22 to 3.15-23	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	Subsection 3.15, pp. 3.15-1 to 3.15-36	Yes	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	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) (14) (A)	All the information required to apply for the following permits, if applicable, including:	--	--	--
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; National Pollutant Discharge Elimination System Permit; and/or a Section 401 Certification or Waiver from the appropriate Regional Water Quality Control Board (RWQCB);	Subsection 3.15.6, pp. 3.15-14 to 3.15-17 <b>See DRR-2, responses to DR WATER-7, DR WATER-8, Attachment 24</b>	<del>No</del> <b>Yes</b>	
Appendix B (g) (14) (A) (ii)	Construction and Industrial Waste Discharge or Industrial Pretreatment permits from wastewater treatment agencies;	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Subsection 3.15.6, pp. 3.15-14 to 3.15-17, Subsection 3.15.8, pp. 3.15-22 to 3.15-23 <b>See DRR-2, response to DR WATER-6</b>	<del>No</del> <b>Yes</b>	
Appendix B (g) (14) (A) (iii)	Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Subsection 3.15.6, pp. 3.15-14 to 3.15-17, Subsection 3.15.8, pp. 3.15-22 to 3.15-23. <b>See DRR-2, responses to DR WATER-7 &amp; DR WATER-8</b>	<del>No</del> <b>Yes</b>	
Appendix B (g) (14) (A) (iv)	Underground Injection Control Permit(s) from the U.S. Environmental Protection Agency,	N/A	N/A	N/A

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Water Resources**

Project: Battery Energy Storage System

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	California Division of Oil and Gas, and RWQCB.			
Appendix B (g) (14) (B)	A detailed description of the hydrologic setting of the project. The information shall include a narrative discussion and on maps at a scale of 1:24,000 (or appropriate scale approved by staff), describing the chemical and physical characteristics of the following nearby water bodies that may be affected by the proposed project:	Subsection 3.15.1, pp. 3.15-1 to 3.15-7; Appendix 3.15A; Appendix 3.15B	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Subsection 3.15.1, pp. 3.15-1 to 3.15-7; Appendix 3.15A; Appendix 3.15B	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies;	Subsection 3.15.1, pp. 3.15-1 to 3.15-7; Appendix 3.15A; Appendix 3.15B	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;	Subsection 3.15.1, pp. 3.15-1 to 3.15-7; Appendix 3.15A; Appendix 3.15B	Yes	
Appendix B (g) (14) (B) (iv)	Flood control facilities (existing and proposed); and	N/A	N/A	N/A
Appendix B (g) (14) (B) (v)	Groundwater wells within ½ mile if the project will include pumping.	Appendix 3.15B	Yes	
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	--	--	--
Appendix B (g) (14) (C) (i)	Source(s) of the primary and back-up water supplies and the rationale for their selection;	Subsection 3.15.3, pp. 3.15-7 to 3.15-13, Appendix 3.15A, Appendix 3.15B	<del>No</del> <b>Yes</b>	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
		<b>DRR-2, responses to DR WATER-1, DRWATER-2, DR WATER-3 &amp; DR WATER-4, Revised WSA</b>		
Appendix B (g) (14) (C) (ii)	The expected physical and chemical characteristics of the source and discharge water(s) including identification of both organic and inorganic constituents before and after any project-related treatment. For source waters with seasonal variation, provide seasonal ranges of the expected physical and chemical characteristics. Provide copies of background material used to create this description (that is, laboratory analysis);	Subsection 3.15.3, pp. 3.15-7 to 3.15-13; Appendix 3.15A; Appendix 3.15B <b>DRR-2, responses to DR WATER-1, DRWATER-2, DR WATER-3 &amp; DR WATER-4, Attachments 22, 23 &amp; 24, Revised WSA</b>	<del>No</del> <b>Yes</b>	
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project;	Subsection 3.15.3, pp. 3.15-7 to 3.15-13; Appendix 3.15A, Appendix 3.15B <b>DRR-2, responses to DR WATER-1, DRWATER-2, DR WATER-3, DR WATER-4 &amp; RD WATER-5</b>	<del>No</del> <b>Yes</b>	
Appendix B (g) (14) (C) (iv)	A detailed description of all facilities to be used in water conveyance (from primary source to the power plant site), water treatment, and wastewater discharge. Include a water mass balance diagram;	N/A	N/A	N/A
Appendix B (g) (14) (C) (v)	For all water supplies intended for industrial uses to be provided from	Subsection 3.15.3, pp. 3.15-7 to 3.15-13, Appendix	<del>No</del> <b>Yes</b>	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	public or private water purveyors, a letter of intent or will-serve letter indicating that the purveyor is willing to serve the project, has adequate supplies available for the life of the project, and any conditions or restrictions under which water will be provided. If a will-serve letter or letter of intent cannot be provided, identify the most likely water purveyor and discuss the necessary assurances from the water purveyor to serve the project;	3.15A, Appendix 3.15B. <b>DRR-2, responses to DR WATER-1, DRWATER-2, DR WATER-3 &amp; DR WATER-4, Attachments 22, 23, 24, Revised WSA</b>		
Appendix B (g) (14) (C) (vi)	For all water supplied which necessitates transfers and/or exchanges at any point, identify all parties and contracts/agreements involved, the primary source for the transfer and/or exchange water (that is, surface water, groundwater), and provide the status of all appropriate agencies' approvals for the proposed use, environmental impact analysis on the specific transfers or exchanges required to obtain the proposed supplies, a copy of any agency regulations that govern the use of the water, and an explanation of how the project complies with the agency regulation(s);	Subsection 3.15.3, pp. 3.15-7 to 3.15-13, Appendix 3.15A, Appendix 3.15B. <b>DRR-2, responses to DR WATER-1, DRWATER-2, DR WATER-3 &amp; DR WATER-4, Attachments 22, 23, 24, Revised WSA</b>	<del>No</del> <u><b>Yes</b></u>	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
Appendix B (g) (14) (C) (vii)	Provide water mass balance and heat balance diagrams for both average and maximum flows that include all process or ancillary water supplies and wastewater streams. Highlight any water conservation measures on the diagram and the amount that they reduce water demand; and		N/A	
Appendix B (g) (14) (C) (viii)	<p>For all projects which have a discharge, provide a copy of the will-serve letter, permit or contract with the public or private entity that will be accepting the wastewater and contact storm water from the project. The letter, permit or contract, if possible, shall identify the discharge volumes and the chemical or physical characteristics under which the wastewater and contact storm water will be accepted.</p> <p>In the event that a will-serve letter, permit, or contract cannot be provided, identify the most likely wastewater/storm water entity and discuss why the applicant was unable to secure the necessary assurances to serve the project's wastewater/storm water needs. Also, discuss the term of the</p>	<p>Subsection 3.15.3, pp. 3.15-7 to 3.15-13, Appendix 3.15A, Appendix 3.15B.</p> <p><b>DRR-2, responses to DR WATER-1, DR WATER-2, DR WATER-3 &amp; DR WATER-4, Attachments 22, 23, 24, Revised WSA</b></p>	<del>No</del> <b>Yes</b>	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	wastewater service to the project, whether the wastewater entity has adequate permit capacity for the volume of wastewater from the project and has adequate permit levels for the chemical/physical characteristics of the project's wastewater and storm water for the life of the project, and any issues or conditions/restrictions the wastewater entity may impose on the project.			
Appendix B (g) (14) (D)	Identify all project elements associated with stormwater drainage, including a description of the following:	--	--	--
Appendix B (g) (14) (D) (i)	Monthly and seasonal precipitation and stormwater runoff and drainage patterns for the proposed site and surrounding area that may be affected by the project's construction and operation;	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Appendix 3.15A, Appendix 3.15B.	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and the design criteria used for the plant site and ancillary facilities, including but not limited to capacity of designed system, design storm, and estimated runoff;	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Appendix 3.15A, Appendix 3.15B.	Yes	
Appendix B (g) (14) (D) (iii)	All assumptions and calculations used to calculate runoff and to estimate changes in flow rates	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Appendix 3.15A, Appendix 3.15B.	Yes	



Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: RWQCB

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	between pre- and post-construction; and			
Appendix B (g) (14) (D) (iv)	A copy of applicable regional and local requirements regulating the drainage systems, and a discussion of how the project's drainage design complies with these requirements.	Subsection 3.15.3, pp. 3.15-7 to 3.15-12, Appendix 3.15A, Appendix 3.15B.	Yes	
Appendix B (g) (14) (E)	An impacts analysis of the proposed project on water resources and a discussion of conformance with water-related LORS and policy. This discussion shall include:	--	--	--
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source, including, but not limited to, water availability for other uses during construction or after the power plant begins operation, consistency of the water use with applicable RWQCB basin plans or other applicable resource management plans, and any changes in the physical or chemical conditions of existing water supplies as a result of water use by the power plant;	N/A	N/A	N/A
Appendix B (g) (14) (E) (ii)	If the project will pump groundwater, an estimation of aquifer drawdown based on a computer modeling study shall be conducted by a professional geologist and include the estimated	N/A	N/A	N/A

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. **01** Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi  
Battery Energy Storage System

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	drawdown on neighboring wells within 0.5 mile of the proposed well(s), any effects on the migration of groundwater contaminants, and the likelihood of any changes in existing physical or chemical conditions of groundwater resources shall be provided;			
Appendix B (g) (14) (iii)	The effects of construction activities and plant operation on water quality and to what extent these effects could be mitigated by best management practices;	N/A	N/A	N/A
Appendix B (g) (14) (iv)	If not using a zero liquid discharge project design for cooling and process waters, include the effects of the proposed wastewater disposal method on receiving waters, the feasibility of using pre-treatment techniques to reduce impacts, and beneficial uses of the receiving waters. Include an explanation why the zero liquid discharge process is "environmentally undesirable," or "economically unsound;"	N/A	N/A	N/A
Appendix B (g) (14) (v)	If using fresh water, include a discussion of the cumulative impacts, alternative water supply sources and alternative cooling technologies considered as part of the project design. Include an explanation of why alternative water	N/A	N/A	N/A

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. **0 1** Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: RWQCB

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	supplies and alternative cooling are "environmentally undesirable," or "economically unsound;"			
Appendix B (g) (14) (vi)	The effects of the project on the 100-year flood plain, flooding potential of adjacent lands or water bodies, or other water inundation zones; and	Subsection 3.15.1.4, p. 3.15-7; Appendix 3.15A; Appendix 3.15B	Yes	
Appendix B (g) (14) (vii)	All assumptions, evidence, references, and calculations used in the analysis to assess these effects.	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 3.15.6, pp. 3.15-14 to 3.15-15	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	Subsection 3.15.7, p. 3.15-22	Yes	

Completeness: Complete **X** Incomplete     

**DATA ADEQUACY WORKSHEET**

Revision No. 01 Date: **April 2025**

Technical Area: **Water Resources**

Project: Potentia-Viridi

Technical Staff: Adam White/R5

Project Manager: Eric Veerkamp

Docket: 24-OPT-04

Technical Senior: Abdel-Karim Abulaban

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>APPLICATION SECTION NUMBER AND PAGE NUMBER</b>	<b>COMPLETE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS</b>
	authority, but for the exclusive authority of the Commission to certify sites and related facilities.			
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 3.15.7, p. 3.15-22	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.	Subsection 3.15.7, p. 3.15-22	Yes	

# DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_\_ Incomplete **X**

Revision No. **01** Date: **April 2025**

Technical Area: **Wildfire** Project: Potentia-Viridi

Technical Staff: Paul Miller

Project Manager: Eric Veerkamp Docket: 24-OPT-04

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 3.17.2, pp. 3.17-7 to 3.17-17; Appendix 3.17A	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;	Section 3.17, p. 3.17-1; Subsection 3.17.3.1, p. 3.17-6; Subsection 3.17.4, p. 3.17-14; Subsection 3.17.9, pp. 3.17-28 to 3.17-30; Appendix 3.15A; Appendix 3.17A	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	Subsections 3.17.1 to 3.17.3.3., pp. 3.17-1 to 3.17-17 Data Request Response #2 (TN 261442)	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete \_\_\_\_\_ Incomplete **X**      Revision No. **01** Date: **April 2025**  
 Project: Potentia-Viridi  
 Technical Area: **Wildfire**      Battery Energy Storage System      Technical Staff: Paul Miller  
 Project Manager: Eric Veerkamp      Docket: 24-OPT-04      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
	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) (19) (A)	A map showing State Responsibility Areas (SRA,) as defined in Public Resources Code section 4102, relative to the proposed project.	Section 3.17, Figure 3.17-1, p. 3.17-31	Yes	
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.	Section 3.17, Figure 3.17-1, p. 3.17-31	Yes	
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 3.5.3.3, p. 3.5-13; Subsection 3.17.3.3, pp. 3.17-6 to 3.17-7; Appendix 3.17A Data Request Response #2 (TN 261418)	<del>No</del> <u><b>Yes</b></u>	
Appendix B (g) (19) (C) (ii)	A discussion of how potential project pollutants could be contained onsite during a wildfire event.	Subsection 3.17.3.3, pp. 3.17-7 to 3.17-11	Yes	
Appendix B (g) (19) (C) (iii)	A description of infrastructure that would be built or maintained (such as roads, fuel breaks, emergency water	Subsection 3.17.3.3, pp. 3.17-11 to 3.17-13	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒ **X**  
 Project: Potentia-Viridi  
 Technical Area: **Wildfire** Battery Energy Storage System  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04  
 Revision No. 01 Date: April 2025  
 Technical Staff: Paul Miller  
 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
	sources, power lines or other utilities) that may exacerbate the risk of wildfire.			
Appendix B (g) (19) (C) (iv)	Describe people or structures downslope or downstream of the proposed project that could be impacted by flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.	Subsection 3.17.3.3, pp. 3.17-13 to 3.17-14	Yes	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Worker Safety Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Daniel Jones  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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 3.16, pp. 3.16-1 to 3.16-5; Subsection 3.16.1.4, p. 3.16-17	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 3.16.6, p. 3.16-19	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	Section 3.16.1 pp. 3.16-1 to 3.16-17	No	See DR WS-2



### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Worker Safety Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Daniel Jones  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	the proposed project. Include any reference materials used such as general plan or 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 3.16.2.3.3, pp. 3.16-15 to 3.16-16, Table 3.16-3 and Table 3.16-4; Appendix 3.17A, Subsection 3.3.9, pp. 26 to 27 Data Request Response Set #2 (TN261398) Subsection 16.1.1; Revised Section 3.16, Table 3.16-5	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Subsection 3.16.1.4, p. 3.16-17; Subsection pp. 3.17-9 to 3.17-11; Appendix 10, Section 5, pp. 21 to 32	No	See DR WS-2
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:	Subsection 3.16.2.3.1, p. 3.16-6	Yes	
	<ul style="list-style-type: none"> <li>Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);</li> <li>Fire Protection and Prevention Plan (8 Cal. Code Regs., section 1920);</li> </ul>	Subsection 3.16.2.3.1, p. 3.16-6	No	See DR WS-2

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Worker Safety Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Daniel Jones  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	<ul style="list-style-type: none"> <li>Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)</li> </ul>	Subsection 3.16.2.3.1, pp. 3.16-6 to 3.16-7	Yes	
	Operation Health and Safety Program: <ul style="list-style-type: none"> <li>Injury and Illness Prevention Program (8 Cal. Code Regs., §3203);</li> </ul>	Subsection 3.16.2.3.2, p. 3.16-10	Yes	
	<ul style="list-style-type: none"> <li>Fire Prevention Plan (8 Cal. Code Regs., § 3221);</li> </ul>	Subsection 3.16.2.3.2, p. 3.16-11	No	See DR WS-2
	<ul style="list-style-type: none"> <li>Emergency Action Plan (8 Cal. Code Regs., § 3220);</li> </ul>	Subsection 3.16.2.3.2, p. 3.16-11	Yes	
	<ul style="list-style-type: none"> <li>Personal Protective Equipment Program (8 Cal. Code Regs., §§3401-3411).</li> </ul>	Subsection 3.16.2.3.2, pp. 3.16-11 to 3.16-12	Yes	
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 3.16.3, Table 3.16-5, pp. 3.16-17 to 3.16-18 Data Request Response Set #2 (TN261398) Subsection 16.1.1; Revised Section 3.16, Table 3.16-5	<del>No</del> <u>Yes</u>	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce	Subsection 3.16.4, Table 3.16-6, pp. 3.16-18 to 3.16-19	<del>No</del> <u>Yes</u>	

### DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☒

Revision No. 01 Date: April 2025

Technical Area: Worker Safety Project: Potentia-Viridi Battery Energy Storage System Technical Staff: Daniel Jones  
 Project Manager: Eric Veerkamp Docket: 24-OPT-04 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
	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.	Data Request Response Set #2 (TN261398) Subsection 16.1.5; Revised Section 3.16, Table 3.16-5		
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 3.16.4, Table 3.16-6, pp. 3.16-18 to 3.16-19 Data Request Response Set #2 (TN261398) Subsection 16.1.4; Revised Section 3.16, Table 3.16-6	<del>No</del> <b>Yes</b>	
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 3.16.5, p. 3.16-19 Data Request Response Set #2 (TN261398) Subsection 16.1.5; Revised Section 3.16, Table 3.16-5	<del>No</del> <b>Yes</b>	

# **Attachment B**

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Revision 1 Data Requests, Compiled

# **Attachment B**

## **Revision 1 Data Requests**

### **MANDATORY OPT-IN REQUIREMENTS**

California Code of Regulations, title 20, section 1877(d) requires a discussion of whether the applicant has submitted any local, state, or federal permit applications. For any required permit that has not yet been 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. See **DR WATER-7, DR BIO-66**. Reference **REV-1 DR BIO-21** and **REV-1 DR BIO-11**.

Demonstrate that the mitigation of the impacts resulting from the emissions of greenhouse gases are achieved in the following priority:

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. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air pollution 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.
3. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air pollution 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.
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. See **REV 1 DR GHG-2**

## **AIR QUALITY [See PUBLIC HEALTH/GHG below]**

### **BIOLOGICAL RESOURCES**

#### **Incidental Take Permit Application**

The Data Request Response to DR BIO-73 includes avoidance and minimization measures for impacts to burrowing owls; however, the proposed mitigation site identified in Appendix C Mitigation Property Biological Resources Report, is close to future wind energy turbines which are not compatible with burrowing owl protection. The revised text needs to identify the distance between the proposed mitigation site and the planned Mulqueeney Wind Energy Project and explain how the proposed site meets the full mitigation standard under the California Endangered Species Act (CESA)(Fish & G. Code, § 2081(b)(2); Cal. Code Regs., tit. 14, § 783.2(a)(8)), particularly with regard to burrowing owl protection given the proximity of future wind energy turbines.

**REV 1 DR BIO-1.** Please revise the Incidental Take Permit (ITP) application to incorporate and reference Appendix C (Mitigation Property Biological Resources Report), include a description of the surrounding land uses and address the future wind energy turbines and burrowing owl mitigation. Please provide clean and a redline strikeout version of the incidental take authorization form, including referenced documents, when resubmitting.

The Data Request Response to DR BIO-7, includes a revised ITP application. However, CESA implementing regulations require an ITP application to include an analysis of the extent to which the project could result in the taking of species to be covered by the ITP and an analysis of the impacts of the proposed taking on these species based on the best available scientific information. (Cal. Code Regs., tit. 14, §§ 783.2(a)(5)-(6).) The incidental take authorization form does not provide an adequate indirect impacts analysis for California tiger salamander (CTS), burrowing owl or Crotch's bumble bee. The indirect impact analysis for species should include disturbance, vulnerability to predation, increased energetic costs for foraging due to disturbance, exposure to hazardous materials due to spills, etc. In addition, the application did not thoroughly evaluate and address all potential indirect impacts on Swainson's hawk, California red-legged frog (CRLF), and golden eagle.

**REV 1 DR BIO-2.** Please include the indirect impacts analysis in the incidental take authorization form for CTS, burrowing owl and Crotch's bumble bee. In addition, please include the indirect impacts analysis for Swainson's hawk, golden eagle and CRLF.

The Data Request Response to DR BIO-51 provided an updated table and resumes; however, in order for staff and California Department of Fish and Wildlife (CDFW) to complete a diligent review of an individual's species-specific experience, it is helpful to provide an email and/or phone number for someone who can verify experience.

**REV 1 DR BIO-3.** Please provide reference contact information associated with Crotch's bumble bee work-experience for Laura Burris.

The Data Request Responses to DR BIO-52 and DR BIO-53 provided some survey and monitoring experience for certain biologists and provided some updates to Table 3.2.1; however, staff were unable to find the resumes for Alex Freeman and Lorna Haworth. Staff were also unable to locate the habitat assessment report, field notes and photographs which are part of the habitat and survey report recommendations in the Staff Report on Burrowing Owl Mitigation (2012) for all burrowing owl surveys. The winter survey date of "January 31, 2025" is missing from Table 3.2.1 (Schedule of Surveys). A complete set of biologist resumes, field notes, and photographs for the covered species surveys is necessary to ensure that the impacts analysis and proposed avoidance, minimization, and mitigation measures are based on the best available scientific information as required under CESA regulations. (Cal. Code Regs., tit. 14, §§ 783.2(a)(5), (a)(6), and (a)(8).)

**REV 1 DR BIO-4.** Please provide the habitat assessment report, field notes and photographs from the protocol level burrowing owl surveys completed for breeding and non-breeding seasons. For the January 31, 2025 survey, please include biologist(s) name, resume, time of survey and survey conditions.

The Data Request Response to DR BIO-10 (Section 2.1.10) states the acreages have been verified and updated. Staff requires further clarification on the correct acreages as there are still inconsistencies between the ITP application (Attachment 6), Biological Technical Report (Attachment 2), revised project description (Attachment 7), Section 3.2 (Attachment 1) and the LSAA (Attachment 7) to ensure an accurate impacts analysis. (Cal. Code Regs., tit. 14, §§ 783.2(a)(5)-(6).)

**REV 1 DR BIO-5.** Please provide a standalone table with the verified and updated acres of impact. Please ensure all figures and analysis are based on accurate acreages.

The Data Request Response to BIO-11 (Section 2.1.11) states the applicant would purchase a turnkey mitigation property and would not provide "alternate financial assurances". Under CESA and implementing regulations, an incidental take permit permittee must "ensure adequate funding to implement the [avoidance, minimization, and mitigation] measures" and to monitor compliance with and effectiveness of the measures (Fish & G. Code, § 2081(b)(3)(A)); it must also provide a description of the funding source and the level of funding available for these activities (Cal. Code Regs., tit. 14, § 783.2(a)(10).)

As the in-lieu permitting authority, CEC must ensure that if the project owner is unable to complete all mitigation prior to the start of project activities, a financial guarantee—such as a letter of credit or an escrow account with an agreement approved by the CEC Compliance Project Manager—be provided. This would ensure that the CESA full mitigation standard and mitigation funding requirements are met. Additionally,

permitting agency due diligence is required to evaluate proposed mitigation parcels. This process may not be finalized prior to the applicant's expected start of construction.

**REV 1 DR BIO-6.** Please provide the following information regarding the proposed mitigation strategy:

- A detailed explanation of how the proposed mitigation approach will minimize and fully mitigate impacts of the taking in accordance with CESA requirements.
- A description of how adequate funding would be secured to implement and monitor compliance with and effectiveness of the measures.
- Confirmation whether the applicant would provide funding for the long-term management and stewardship of the mitigation parcel to ensure protection in perpetuity.
- If mitigation would not be completed prior to the start of project construction, provide a proposed financial assurance mechanism (e.g., letter of credit or escrow account and agreement).

The Data Request Response to DR BIO-12 (Section 2.1.12) states the request for incidental take authorization, included in the ITP application under CEC's in lieu permitting authority, does not include a request for take coverage for activities in the Pacific Gas and Electric (PG&E) disturbance area. Clarification is needed to ensure a complete description of the project or activity for which the ITP is being sought is provided, including locations of activities proposed to be covered, and an accurate impacts analysis. (Cal. Code Regs., tit. 14, §§ 783.2(a)(3)-(6).)

**REV 1 DR BIO-7.** Please clarify if the PG&E portion of the project was analyzed for impacts to special status species.

The Data Request Response to DR BIO-13 (Section 2.1.13) states PG&E is not conducting activities anticipated to cause take of CESA-listed or candidate species.

**REV 1 DR BIO-8.** Please provide when PG&E activities would occur and what work windows they would conduct activities to avoid impacts to listed species, such as big tarplant. In addition, please provide any proposed PG&E construction avoidance, minimization and/or mitigation measures that would be implemented. Please identify if PG&E activities would be covered under the existing PG&E Bay Area Operations and Maintenance Habitat Conservation Plan.

The Data Request Responses to DR BIO-15 and DR BIO-23 state that all ground disturbing activities would be limited to the period of May 1 to October 31, unless otherwise specified in associated project permits; however, work windows in the various documents seem to overlap or conflict.

**REV 1 DR BIO-9.** Please provide a table or explanation ensuring work windows are not in conflict with each other for species and waters impacts. Please clarify that May 1 to October 31 work window would apply annually for all activities for the life



of the project.

### **Lake and Streambed Alteration Agreement (LSAA) Notification**

The Data Request Response to DR BIO-54 confirmed Ms. Bissell was actively participating in an approved online course from the Wetlands Training Institute at the time of the survey.

**REV 1 DR BIO-10.** Please provide the completed certification.

The Data Request Response to DR BIO-57 indicated that wetland delineation datasheets were included as an appendix in the Biological Technical Report; however, staff were unable to locate the datasheets.

**REV 1 DR BIO-11.** Please provide copies of all wetland delineation datasheets.

The Data Request Response to DR BIO-24, included the revised LSAA notification submitted by the applicant and references potential future operations, repair, and decommissioning activities that may impact Patterson Run. However, the notification does not include all the information required under Fish and Game Code section 1602(a)(1) related to such future phases.

As part of the Appendix B requirement, California Code of Regulations, title 20, section 1877 (a), if the applicant is seeking lake and streambed alteration authorization under Fish and Game Code section 1602, the application must include the information required in California Fish and Game Code section 1602(a)(1)(A)-(F) to support staff's completeness review and coordination with responsible agencies.

Please note, if any future project activities are not currently included in the application that may impact streams or other jurisdictional features these activities will not be included in staff's analysis, and the project owner would likely need to file a petition to amend their certification to address compliance with Fish and Game Code section 1600 et seq. for the additional activities.

**REV 1 DR BIO-12.** Please address the following issues in the LSAA notification and supplemental documents.

- Include photographs of the project location and immediate surrounding area.
- Provide a written description of all project activities with detailed step-by step description of project implementation.
- Include any structures (e.g., rip-rap, culverts) that would be placed or modified in or near Patterson Run, and any channel clearing.
- Specify the volume and dimensions of all materials and features (e.g., rip rap fields) that would be used or installed.
- Provide diagrams, drawings, design plans, construction specifications, and maps that include:

- Site specific construction details;
- Dimensions of each structure and/or extent of each activity in Patterson Run;
- Overview of the entire project area (i.e., "bird's-eye view") showing the location of each structure and/or activity, significant area features, stockpile areas, areas of temporary disturbance, and where the equipment/machinery will access the project area.
- For Section 10 C of the notification: If water would not be present during the proposed work period, please skip to box 11 and uncheck Section 10 D.

**REV 1 DR BIO-13.** Please clarify and provide all information required under Fish and Game Code section 1602(a)(1)(A)-(F) for future operations, repair, and decommissioning activities that may affect Patterson Run. Identify and describe any proposed measures the applicant intends to implement to comply with Fish and Game Code section 1600 et seq. Please provide both a strikethrough and clean version of all changes to the LSAA notification, including referenced documents, when resubmitting.

The Data Request Response to DR BIO-24 did not address the use of geotextile filter fabric that was discussed in a meeting with the applicant. CDFW does not recommend the use of geotextile filter fabric because exposure to the environment can lead to rapid physical and chemical degradation. Distribution of fabric scraps or fibers into the surrounding environment occurs as the fabrics degrade. In addition, improper installation or damage that allows flowing water to penetrate or undermine the fabric can lead to structural damage and failure.

**REV 1 DR BIO-14.** Please provide a list of feasible alternative materials for the outfall.

The Data Request Response to DR BIO-30 only addresses California tiger salamander and California red-legged frog. It did not include a description of impacts (permanent and temporary) to all existing fish and wildlife resources and associated habitat and vegetation.

As described in Fish and Game Code section 1602(a)(4)(B), a Lake or Streambed Alteration Agreement (LSAA) may be required for activities that result in substantial adverse impacts to fish or wildlife resources. For purposes of identifying those resources, Section 11G of the LSAA notification form refers to Fish and Game Code section 89.5, which defines "wildlife" to include all wild animals, birds, plants, fish, amphibians, reptiles, and related ecological communities, including the habitat upon which they depend.

To support CEC staff's review of materials submitted under California Code of Regulations, title 20, section 1877(a), these resources should be mapped and provided as part of the notification.

**REV 1 DR BIO-15.** Please include measures to protect all fish, wildlife and plant resources that may fall under the jurisdiction of CDFW.

The Data Request Response to DR BIO-32 requested the LSAA notification be revised to include mitigation measures; however, Box 12C of the Notification should not limit compensatory mitigation to a particular approach (i.e., purchase of turn-key mitigation property) unless and until the parcel has been identified and approved in advance by CEC in coordination with CDFW. If the applicant proceeds with acquiring an approved parcel, the applicant must also provide funding for the long-term management and stewardship of the parcel to ensure protection and management in perpetuity. The Regional Water Quality Control Board (RWQCB) also needs to review and approve the mitigation approach if the same parcel is proposed to be used to satisfy RWQCB requirements.

**REV 1 DR BIO-16.** Please provide proposed compensatory mitigation for impacts specifically from the outfall and low water crossing. If the applicant proceeds with acquiring a CEC approved parcel, please provide the proposed funding mechanism for the long-term management and stewardship of the parcel to ensure protection and management in perpetuity.

The Data Request Response to DR BIO-28, which requested a detailed description and design plans for each activity, including acres of temporary and permanent impacts, represented the impacts related to the storm water outfall and low water crossing as different amounts in various sections of the notification and in the DR Response 2 Attachment 7 Revised Section 3 Project Description.

For example, Section 10A of the notification states: "The stormwater outfall will impact approximately 56 square feet and 8 linear feet of Patterson Run for the placement of approximately 3.3 cubic yards of riprap below top of bank. The ford will impact approximately 1,600 square feet and 30 linear feet of Patterson Run for the placement of approximately 17 cubic yards of rock below top of bank."

However, Supplemental Notification Section 10A, Table 1, describes the dimensions of the outfall as 500 linear feet (length) x 5 linear feet (width) x 10 linear feet (depth). Those figures do not match what is previously stated, plus it is unclear how the outfall would have 500 linear feet of impacts in the stream channel. Figures in Appendix A and B appear to show the outfall located on the north side of Patterson Pass Road, outside the stream channel. Finally, the low water crossing is not clearly depicted in any of the figures provided, making it difficult for staff to verify the location, dimensions, and potential stream impacts associated with this feature.

**REV 1 DR BIO-17.** Please clarify the inconsistencies in the project description and impact estimates provided in the LSAA notification and supplemental materials. In particular, provide additional detail and confirm the following:

- Table 1 describes the low water crossing as 1,600 square feet and 30 linear feet. Please clarify if the crossing is 30 feet wide and 53.3 feet across?

- Table 2 describes the permanent impacts from the outfall as 0.6 acre, which is equivalent to 26,136 square feet. The permanent impacts related to the low-water crossing are listed as 0.04 acre, which is equivalent to 1,742.6 square feet.
- The application describes that 10 cubic yards (270 cubic feet) of riprap would be used, but this is not consistent with other descriptions.

### **Temporary Impact Revegetation and Restoration Plan**

The Data Request Response to DR BIO-33 included revised Figures 1 and 2 in the Temporary Impact Revegetation and Restoration Plan to include acreages in the legend; however, the total project acres and/or Project Boundary (in acres) is still unclear. Figures 1 and 2 show a 74.3-acre boundary, while Figures 3 and 4 show 100.93 acres. An accurate description of these areas is necessary to ensure accurate analysis of project impacts on biological resources and appropriate measures to meet CEQA and CESA mitigation requirements.

**REV 1 DR BIO-18.** Please clarify whether 74.3 acres or 100.93 acres is the best estimate of the Project Boundary and then revise Figures 1-4 accordingly.

### **General Biological Resources**

The Data Request Response to DR BIO-5 (Section 2.1.5) states “mitigation measure BIO-5 of the application document would avoid and/or minimize potential impacts to this species”. However, permanent foraging habitat loss for tricolored blackbird needs to be mitigated consistent with the CESA full mitigation standard since tricolored blackbird were observed foraging on the site during the January 18, 2024 site survey.

**REV 1 DR BIO-19.** Please provide the acreage of foraging habitat impacted by the project and details on the proposed mitigation to address the observed use of the site by tricolored blackbird.

Appendix B (g) (13) (E) requires the applicant to provide a discussion of all impacts, including cumulative, to biological resources from project site preparation, construction activities, plant operation, maintenance, closure, and decommissioning.

**REV 1 DR BIO-20.** Please include a comprehensive discussion, beyond what was provided on p. 3.2-27 of Section 3.2, evaluating the effectiveness of the mitigation and avoidance measures with respect to cumulative impacts.

**REV 1 DR BIO-21.** Please discuss options for “other compensatory mitigation” in detail, including but not limited to alternative approved mitigation banks, options under consideration other than mitigation banks, and any necessary monitoring.

The Data Request Response to DR BIO-66 and DR WATER-7 did not address the schedule for submitting the Section 401 Water Quality Certification from the RWQCB. Compensatory mitigation for placement of the low water crossing in Patterson Run Creek for permanent impacts over 0.1 acres needs to be addressed with RWQCB.

**REV 1 DR BIO-22.** Please provide status of the 401 certification and provide a copy of the completed application as requested in DR WATER-7. In addition, please provide coordination efforts with RWQCB regarding compensatory mitigation.

The Data Request Response to DR BIO-1 provided edits to various sections of the biological documents and BIO-MM-6; however, the analysis does not address the Midway Pair of golden eagle located within or near 1 mile of the project site. This pair of golden eagle was identified as a resource that should be considered as part of the analysis of the project's potential impacts.

**REV 1 DR BIO-23.** Please coordinate with Heather Beeler, U.S. Fish and Wildlife Service Eagle Permit Coordinator with the Migratory Bird Program in Region 8, for further information on this pair and provide the outcome of that coordination on whether or not an eagle permit is required for the project. If an eagle permit would be required, please provide the schedule.

## **CULTURAL AND TRIBAL CULTURAL RESOURCES**

**REV DR CUL/TRI-3.** Opt-in applications must provide copies, in pdf format, of all technical reports whose survey coverage is wholly or partly within 0.25 mile of the area surveyed for the project under California Code of Regulations, Appendix B, section (g) (2) (C) or which report on any archaeological excavations or architectural surveys within the literature search area (Cal. Code Regs., tit. 20, Appendix B(g)(2)(B)).

Study S-011826 is missing pp. iii, iv, 17 and 24. Study S-012790 is missing pp. iv, vi, 2, 4, 8, 64, and 82. Study S-033239 is missing pp. 6-18, 6-20, 6-25, and Appendix B, p. 3.

Please provide complete copies of these studies.

**REV DR CUL/TRI-5.** Please prepare a figure showing the boundaries of the historic architecture field survey conducted by the applicant's consultants. The historic architecture field survey should be no less than 0.5 miles out from the proposed project site and from routes of all above ground linear facilities (Cal. Code Regs., tit. 20, Appendix B (g) (2) (C)).

## **PUBLIC HEALTH/GREENHOUSE GAS EMISSIONS (AIR QUALITY)**

As mentioned in the Emergency Response Plan (TN 258044), lithium-ion batteries can experience thermal runaway due to faults, mechanical damage, or manufacturing defects, potentially leading to fires or other hazards. To mitigate this risk, the BESS enclosures are engineered to prevent fire propagation from one enclosure to adjacent units. As part of the certification process, the BESS enclosures will undergo destructive testing, including fire performance evaluations. The BESS enclosures will carry the following certifications as listed in TN 258044:

UL 1642 – Standard for Lithium Batteries (cell-level certification)

UL 1973 – Standard for Batteries for Use in Stationary Applications (module-level certification)

UL 9540 – Standard for Energy Storage Systems and Equipment (system-level certification)

UL 9540A – Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems

IEC 62619 – International Standard for Battery Safety in Stationary Applications

To further assist the CEC staff and the public in their review of the air quality and public health impacts during the battery thermal runaway/fires, staff requests the following supplemental information:

**REV 1 DR PH-1.** Please provide a copy of the UL 9540A report, if a specific battery technology/manufacture has been chosen, including measured emissions of criteria air pollutants, toxic air contaminants, greenhouse gases (GHG), and hazardous materials. Otherwise, please provide industry average data or a literature review addressing the emissions and exhaust parameters requested in **REV 1 DR PH-2** below.

**REV 1 DR PH-2.** Please provide the exact locations (latitude and longitude or UTM coordinates) and dimensions of the BESS enclosures for modeling purposes. Please provide the following input parameters for a dispersion modeling analysis of all potential criteria air pollutants, greenhouse gases, and toxic air contaminants (TACs) that could be generated during combustion: emission rates (in grams/second), exhaust temperature, exhaust diameter, pressure, and exhaust gas velocity resulting from battery damage or thermal runaway of the whole project. Please include the calculation worksheet if available.

**REV 1 DR PH-3.** Please provide a dispersion modeling analysis of all potential criteria air pollutants and TACs for the thermal runaway scenario using a well-validated model (AERMOD preferred).

**REV 1 DR PH-4.** Please compare the modeled fire-related TACs concentrations to the United States Environmental Protection Agency Acute Exposure Guideline Levels (AEGL) and the Office of Environmental Health Hazard Assessment/California Air Resources Board acute Reference Exposure Levels (RELs) and demonstrate whether the acute hazard Index (HI) of TACs would be higher than the significance threshold of 1 at sensitive receptors. Please demonstrate whether the criteria air pollutant impacts would cause or contribute to any exceedance of ambient air quality standards. If exceedances occur, provide a detailed Emergency Response Plan and outline the applicable regulatory notification requirements.

In response to DR GHG-3 asking the applicant to explore the procurement of renewable diesel fuel for the emergency generator, it was stated that it was the applicant's intent to run the generators on bio-diesel.

**REV 1 DR GHG-1.** What is the difference in GHG emissions between the two fuels (renewable diesel and bio-diesel) compared to conventional diesel and whether there are any feasibility issues in using bio-diesel versus renewable diesel?

In the Air Quality and Greenhouse Gas Technical Report (TN 261404), refrigerants are discussed briefly but the applicant doesn't specify the refrigerant to be used to cool the buildings and possibly the batteries. The Air Quality and Greenhouse Gas Technical Report shows GHG emissions due to electricity use for unrefrigerated warehouse, but there are no calculations of refrigerant usage/leakage or the contribution to GHG emissions. If the project would use any refrigerant, it needs to comply with the regulation Prohibitions on Use of Certain Hydrofluorocarbons (HFCs) in Stationary Refrigeration, Stationary Air-conditioning and Other End-Uses (California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 10 Climate Change, Article 4) as required by Appendix B (g) (1).

**REV 1 DR GHG-2.** Please confirm whether any refrigerant would be used for building or BESS cooling. Please provide the specifications if any refrigerant would be used on the project, including GHG emissions calculation due to refrigerant leakage. Please demonstrate that the proposed refrigerant would comply with the HFC prohibition regulation.

In the Air Quality and Greenhouse Gas Technical Report (TN 261404), best management practices (BMPs) are proposed for the project as PDF-AQ/GHG-1. Not all of the BMPs listed in Chapter 6, Project-Level Climate Impacts, of the BAAQMD CEQA Guidelines are included.

**REV 1 DR GHG-3.** Please include the rest of the BMPs for Construction-Related Emissions.

In the Air Quality and Greenhouse Gas Technical Report (TN 261404), reference is made to the Alameda County Community Climate Action Plan (CCAP), but none of the measures addressing energy performance in new construction, water conservation, waste reduction or urban forestry are incorporated in the report or the project.

**REV 1 DR GHG-4.** Please incorporate applicable measures from the Alameda County CCAP in the project and demonstrate that the project would comply with these applicable measures.

## **VISUAL RESOURCES**

California Code of Regulations, title 20, Appendix B (g)(6)(D)(i) requires scaled elevation(s) drawings of project buildings, structures, and major equipment be provided in the Visual Resources section. Data Request Response No. 2 (TN 261398) referenced Attachment 16, Civil Plans, for the elevation drawings on Sheets C-1.2 and C-1.3. While these drawings do provide some of the requested information, they are incomplete.

**REV1 DR VIS-1.** Please add the following information to the scaled elevation drawings provided on Sheets C-1.2 and C-1.3 of Attachment 16 Civil Plans.

- BESS enclosure heights
- Substation transformers and heights
- Gen-Tie Line Poles
- 30,000 Gallon Fire Water Tank

California Code of Regulations, title 20, Appendix B (i)(1)(A) requires that a table be submitted that identifies 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. Although project conformance is discussed in Table 3.13-3 and in the referenced narrative, the discussion is not broken down by construction and operation.

**REV 1 DR VIS-2.** Break down the discussion of project conformity to Laws, Ordinances, Regulations, and Standards by construction and operation.