DOCKETED	
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Project Title:	Vaca Dixon Power Center Project
TN #:	268621
Document Title:	Determination of Incomplete Application and Request for Information for the Vaca Dixon Power Center (VDPC) Project
Description:	N/A
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Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	2/13/2026 11:28:44 AM
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February 13, 2026

Dan Harmon
Senior Vice President
Vaca Dixon BESS LLC and Arges BESS LLC
4350 Executive Drive, Suite 320
San Diego, California 92121

Determination of Incomplete Application and Request for Information for the Vaca Dixon Power Center (VDPC) Project (26-OPT-01)

Dear Dan Harmon:

California Energy Commission (CEC) staff confirmed receipt on January 14, 2026, of an Opt-In Application for the Vaca Dixon Power Center (VDPC) Project (26-OPT-01). Vaca Dixon BESS LLC and Arges BESS LLC (applicant) propose to construct and operate the Vaca Dixon Power Center Project (project). The project would be located on an approximately 10-acre site (Assessor's Parcel Number [APN] 0133-060-060) within the City of Vacaville in Solano County, California. The project includes two battery energy storage system (BESS) facilities; the Vaca Dixon BESS (57 megawatts [MW], 57 megawatt-hours [MWh]), and the Arges BESS (100 MW, 400 MWh), along with associated switchyard facilities, access roads, stormwater infrastructure, fencing, and control enclosures.

The Vaca Dixon 57 MWh BESS would connect via a new 13.8-kilovolt (kV) overhead line to the existing 13.8/115 kV generator step-up transformer at the adjacent CalPeak Power Vaca Dixon Peaker Plant (VDPP), which is already tied to the adjacent Pacific Gas and Electric Company (PG&E) Vaca-Dixon Substation located north of Interstate-80 (I-80). The Arges BESS 400 MWh BESS would connect to the PG&E substation through a new approximately 2,350-foot 115 kV overhead transmission intertie (gen-tie) line. For approximately 1,500 feet, the 13.8 kV and 115 kV gen-tie circuits would be co-located on shared steel monopole structures to cross I-80 and reach the PG&E substation parcel (APN 0133-060-070). The remaining span would connect the Vaca Dixon BESS to the VDPP transformer and the Arges BESS to the PG&E Vaca-Dixon Substation.

The project would operate 24 hours per day, 7 days a week, 365 days a year, for a 35-year anticipated lifespan, with remote control via supervisory control and data acquisition system. Following construction, the project would be staffed by one to three technicians performing periodic maintenance and inspections.

CEC staff has completed its review of the project application pursuant to California Code of Regulations, title 20, section 1877, which specifies the required contents of an Opt-In application, and Public Resources Code, section 25545.4(a), which states, "within 30 days of the submission of the application, the commission shall review the application and make a determination of completeness." Based on this review, CEC staff has determined the submitted application is incomplete.

Pursuant to Public Resources Code, section 25545.4(b)(1), CEC staff requires the information described in the attachments to this letter to be submitted. The attachments consist of: (1) data completeness worksheets listing the requirements specified in statute and regulations; and (2) requests for additional information needed for staff to complete its environmental and other analyses 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.

CEC staff's review of the application has identified several topics with data requests which are described in detail in Attachment B. In general, the submitted materials do not provide adequate information to meet application requirements for most topics. As an example, staff requires additional details on the BESS enclosure locations, setbacks, and internal access roads in order to verify that the project has proposed adequate project features to mitigate adverse impacts during an emergency response.

Staff also needs a complete description of the project's gen-tie line and interconnection facilities including the entire California Independent System Operator (ISO) Cluster 14 Phase II Interconnection Study Report and all the relevant appendices. The Section 401 Water Quality Certification and, if applicable, the Section 404 Permit, must be obtained prior to site disturbance and staff has asked for additional data related to these permit requirements.

For biological resources, significant. Each of these has a standard survey protocol which requires surveys to be conducted at specific times of year. There are several data requests asking for criteria to support determinations that species are not expected to occur, for descriptions of project impact to these species, and for proposed mitigation measures for these species. Staff also asks the applicant to state if they will or will not seek in-lieu take authorization for Swainson's hawk, burrowing owl, and Crotch's bumble bee.

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.

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. CEC staff asks that upon submitting complete responses, the applicant provide a statement that its response to the request for information is complete and addresses all identified deficiencies.

Consistent with Public Resources Code, section 25545.4(c)(2) and California Code of Regulations, title 20, section 1878, upon receipt of all information responsive to this request, *accompanied by a statement from the applicant that its response to this request for information is now complete and addresses all identified deficiencies,* CEC staff will finalize review of the information provided and document its determination regarding application completeness in a subsequent letter. Any further requests by CEC staff for missing information in response to additional information provided by the applicant will be made within 45 days, or as soon as practicable thereafter, of receipt of that information (Pub. Resources Code, § 25545.4(b)(1)).

If you have any questions about the information identified as necessary to complete the application, please email the CEQA project manager, Renee Longman, at Renee.Longman@energy.ca.gov.

Sincerely,

Drew Bohan
Executive Director

Attachments

Attachment A: Data Completeness Worksheets for California Code of Regulations, Title 20, section 1877
Attachment B: Data Requests

Vaca Dixon Power Center Project
(26-OPT-01)
Completeness Review

Incomplete

1. Mandatory Opt-In Requirements
2. Air Quality (includes Greenhouse Gas Emissions)
3. Alternatives
4. Biological Resources
5. Cultural/Tribal Cultural Resources
6. Executive Summary
7. Hazardous Materials Handling
8. Land Use
9. Noise
10. Paleontological Resources
11. Project Description
12. Public Health
13. Socioeconomics
14. Traffic and Transportation
15. Transmission System Design
16. Visual Resources
17. Waste Management
18. Water Resources
19. Worker Safety and Fire Protection

Complete

1. Efficiency, Energy, and Energy Resources
2. Facility Design
3. Geological Hazards
4. Reliability
5. Soils
6. Transmission Line Safety and Nuisance
7. Wildfire

Attachment A

Data Completeness Worksheets
for Title 20, section 1877

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Mandatory Opt-In Requirements** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
AUTHORITY AND VERIFICATION				
Cal. Code Regs., tit. 20 § 1707	Every notice and application shall be dated and signed by the applicant attesting under penalty of perjury to its truth and accuracy.	TN 268267, Cover Letter	Yes	
"FACILITY" OR "DISCRETIONARY PROJECT" DEFINTION MET				
Cal. Code Regs., tit. 20, § 1877(b); Pub. Resources Code, § 25545(b)	Explanation of how the facility meets one or more of the definitions of "facility":	TN 268173-1, Appendix Z	Yes	
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.	N/A	N/A	
REQUIREMENTS FOR COVERED PROJECT UNDER THE LABOR CODE				

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Mandatory Opt-In Requirements** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1877(c)	Certifications required by Public Resources Code sections 25545.3.3 and 25545.3.5.	TN 268169-2, Appendix O	Yes	
Pub. Resources Code, § 25545.3.3	Certification that the applicant will meet the requirements of a covered project and the commission shall make the requirements a condition of certification. Include the applicant's certification that either of the following is true:	--	--	--
Pub. Resources Code, § 25545.3.3(a)	The entirety of the construction of the covered project is a public work.	N/A	N/A	
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.	TN 268169-2, Appendix O	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Mandatory Opt-In Requirements** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	Yes	

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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).	TN 268169-2, Appendix O	Yes	

DATA COMPLETENESS WORKSHEET

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Technical Area: **Mandatory Opt-In Requirements** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268169-2, Appendix O	Yes	
Pub. Resources Code, § 25545.3.5(b)	Every contractor and subcontractor must use a skilled and trained workforce to construct the project.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	Yes	

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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.	TN 268169-2, Appendix O	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).	TN 268169-2, Appendix O	Yes	
PERMIT APPLICATIONS SUBMITTED (LOCAL, STATE, AND FEDERAL)				

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Completeness: Complete ____ Incomplete **X** Revision No. 0 Date: February 2026

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268149-2, Section 5-1; TN 268149-1, Section 5.2; TN 268150, Section 5-3; TN 268151, Section 5-4; TN 268152, Section 5-5; TN 268153, Section 5-6; TN 268154, Section 5-7; TN 268155, Section 5-8; TN 268156-2, Section 5-9; TN 268157, Section 5-11; TN 268158, Section 5-12; TN 268159, Section 5-13; TN 268160, Section 5-14; TN 268161, Section 5-15; TN 268162, Section 5-16; TN 268163, Section 5-17	No	See DR WATER-1, DR WATER-3
IDENTIFICATION OF WHETHER SITE IS LOCATED AT A PROHIBITED AREA				
Cal. Code Regs., tit. 20, § 1877(e)	Identify whether the project is, on a prohibited site as identified in Public Resources Code section 25527 or on a site designated by the California Coastal Commission under Public Resources Code section 30413(b) or on a site designated by the San Francisco Bay Conservation and Development Commission under Government Code section 66645(b). Include documentation of the approval of the public agency having ownership or control of the land.	TN 268149-1, Subsection 5.2.1.5	Yes	

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
LEGALLY BINDING ENFORCEABLE AGREEMENT(S) FOR COMMUNITY BENEFITS OF THE PROJECT				
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.	TN 268168, Appendix J	Yes	
ENVIRONMENTAL LEADERSHIP DEVELOPMENT PROJECT REQUIREMENTS				
Cal. Code Regs., tit. 20, § 1877(h)	A discussion of whether the project meets the requirements of Public Resources Code sections 21183 and 21183.6.	TN 268173-2, Appendix AA	Yes	
Pub. Resources Code § 21183(a)	The project will result in a minimum investment of $100,000,000 in California upon completion.	TN 268173-2, Appendix AA	Yes	
Pub. Resources Code § 21183(b)	The project creates high-wage, highly skilled jobs that pay prevailing wages and living wages, provides construction jobs and permanent jobs for Californians, helps reduce unemployment, and promotes apprenticeship training.	TN 268173-2, Appendix AA; TN 268169-2, Appendix O	Yes	
Pub. Resources Code § 21183(c)	For a project described in Public Resources Code Section 21180(b)(1), (2), and (3), including a wind or solar energy project or a project that manufactures products, equipment, or components used for renewable energy generation, energy efficiency, or to produce clean alternative fuel vehicles, the project does not result in	N/A	N/A	N/A

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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.	TN 268157, Section 5.11.5	Yes	
Pub. Resources Code § 21183(e)	Applicant entered into a binding and enforceable agreement that all mitigation measures required to certify the project under this chapter shall be conditions of approval of the project, and those conditions will be fully enforceable by the lead agency or another agency designated by the lead agency. In the case of environmental mitigation measures, the applicant agrees, that those measures will be monitored and enforced by the lead agency for the life of the obligation.	TN 268173-2, Appendix AA	Yes	
Pub. Resources Code § 21183(f)	Applicant agrees to pay the costs of the trial court and the court of appeal in hearing and deciding any case challenging a lead agency's action on a certified project under this division...	TN 268173-2, Appendix AA	Yes	

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Pub. Resources Code § 21183(g)	Applicant agrees to pay the costs of preparing the record of proceedings for the project concurrent with review and consideration of the project under this division...	TN 268173-2, Appendix AA	Yes	
Pub. Resources Code § 21183(h)	For a project for which environmental review has commenced, the applicant demonstrates that the record of proceedings is being prepared in accordance with Public Resources section 21186.	TN 268173-2, Appendix AA	Yes	
Pub. Resources Code § 21183.6(a)	The quantification and mitigation of the greenhouse gas emission impacts of a project described in 21180(b)(1), (2), or (3), including a wind or solar energy project or a project that manufactures products, equipment, or components used for renewable energy generation, energy efficiency, or to produce clean alternative fuel vehicles must be as follows:	--	--	--
Pub. Resources Code § 21183.6(a)(1)	The environmental baseline for greenhouse gas emissions must be established based upon the physical environmental conditions in the vicinity of the project site at the time the application is submitted.	N/A	N/A	
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: 1. Direct emissions reductions from the project that also reduce emissions of	N/A	N/A	

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	criteria air pollutants or toxic air contaminants through implementation of project features, project design, or other measures, including, but not limited to, energy efficiency, installation of renewable energy electricity generation, and reductions in vehicle miles traveled. 2. The remaining unmitigated impacts shall be mitigated by direct emissions reductions that also reduce emissions of criteria air pollutants or toxic air contaminants within the same air pollution control district or air quality management district in which the project is located. 3. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air pollution 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			

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Completeness: Complete ____ Incomplete **X** Revision No. 0 Date: February 2026

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Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang/ E. Knight

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268154, Subsections 5.7.3.1 to 5.7.3.2	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	TN 268154, Section 5.7.1	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	TN 268154, Section 5.7.8	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	TN 268154, Section 5.7; TN 268170-1, Sections 1.2, 2.1, 3.5 and 3.6	No	See DRs AQ-2, AQ-4, GHG-1 to GHG-3, GHG-5 to GHG-9

DATA COMPLETENESS WORKSHEET

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Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	proposed project. Include any reference materials 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.	N/A	N/A	N/A
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.	TN 268154, Subsection 5.7.3.2	No	See DRs AQ-1 to AQ-2
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	TN 268154, Subsection 5.7.5.3	No	See DR AQ-3
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 (CO2, CH4, N2O, and SF6) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	TN 268154, Subsection 2.7.3.1; TN 268170-1, Appendix A, Appendix B	No	See DRs AQ-1, AQ-2, AQ-3, GHG-1 to GHG-4, GHG-10 and GHG-11

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268154, Subsection 5.7.3.1	Yes	
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.	TN 268154, Subsection 5.7.3.1	Yes	
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.	TN 268154, Subsection 5.7.1.3, Table 5.7-2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	Modeling File '724828_2017-2021_AdjU.sfc' submitted directly to staff	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.	Modeling File '724828_2017-2021_AdjU.sfc' submitted directly to staff	Yes	
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.	Modeling File '724828_2017-2021_AdjU.sfc' submitted directly to staff	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	TN 268154, Subsection 5.7.3.2, Table 5.7-7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	analysis if so desired by the applicant, of the direct criteria pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM_{10}) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO_x), sulfur dioxide (SO_2), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM_{10}) and particulate matter less than 2.5 microns in diameter (PM2.5) from construction-related equipment;			
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant (NO_x, SO_2, CO, $PM_{10,}$ and $PM_{2.5}$) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions;	TN 268154, Subsection 5.7.3.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a 6-mile radius that have received construction permits but are not yet operational or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard; and	TN 268154, Section 5.7.4	Yes	
Appendix B (g) (8) (I) (iv)	An air dispersion modeling analysis of the impacts of the initial commissioning phase emissions on state and federal ambient air quality standards for NO_X, SO_2, CO, PM_{10}, and $PM_{2.5}$.	N/A	N/A	N/A
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	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	criteria air pollutant, and if appropriate, greenhouse gas; and			
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions;	N/A	N/A	N/A
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.	TN 268154, Subsection 5.7.5.3	No	See DR AQ-4
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	TN 268154, Section 5.7.5	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Air Quality** Project: Vaca Dixon Power Center Project Technical Staff: Y. Ding, W. Potts

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	TN 268154, Section 5.7.6	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.	TN 268154, Section 5.7.6	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.	TN 268154, Section 5.7.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Alternatives** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268148, Sections 6.1 to 6.5	No	See DR-ALT 1 and DR-ALT 2
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in (f)(1).	TN 268148, Section 6.2, Section 6.3	No	See DR-ALT 1 and DR-ALT 2

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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;	TN 268158, Section 5.12; TN 268172-1, Appendix Y, Appendix Y.A, Appendix Y.D, Appendix Y.E; TN 268172-2, Appendix Y.F, Appendix Y.G, Appendix Y., Appendix Y.I; TN 268172-3, Appendix Y.J, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	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	TN 268158, Section 5.12; TN 268172-1, Appendix Y, Appendix Y.B, Appendix Y.C, Appendix Y.D, Appendix Y.E; TN 268172-2, Appendix Y.F, Appendix Y.G, Appendix Y.H, Appendix Y.I; TN 268172-3, Appendix Y.J, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	No	See DR BIO-1
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.	TN 268158, Section 5.12; TN 268172-1, Appendix Y, Appendix Y.A, Appendix Y.D, Appendix Y.E; TN 268172-2, Appendix Y.F, Appendix Y.G, Appendix Y.H, Appendix Y.I; TN 268172-3, Appendix Y.J,	No	See DR BIO-2

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		Appendix Y.K, Appendix Y.L. [CONFIDENTIAL FIGURE]		
[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).	Not included	No.	See DR BIO-3, DR BIO-4, DR BIO-5, DR BIO-6, and DR BIO-7
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	TN 268158, Sections 5.12.1 and 5.12.3	No	See DR BIO-8, DR BIO-9, DR BIO-10, DR BIO-11, and DR BIO-12

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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 (CNDDB), and a citation which includes the date the CNDDB was accessed. Include a map at a scale of 1:6,000 (under confidential cover) and at 1:350,000 (for public) showing sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Label the biological resources and survey areas as well as the project facilities. Sensitive biological resources include:	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268175-1, Appendix Y, Appendix Y.B Species Compendia; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	No	See DR BIO-13
Appendix B (g) (13) (A) (i)	species listed under state or federal Endangered Species Acts;	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268172-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		Y.L [CONFIDENTIAL FIGURE]		
Appendix B (g) (13) (A) (ii)	species receiving consideration during environmental review under CEQA Guidelines 14 CCR Section 15380;	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268172-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	
Appendix B (g) (13) (A) (iii)	species identified as state Fully Protected;	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268172-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	
Appendix B (g) (13) (A) (iv)	species covered by Migratory Bird Treaty Act;	TN 268158, Section 5.12.1.3, Section 5.12.3, Figure 5.12-6; TN 268175-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	
Appendix B (g) (13) (A) (v)	species and habitats identified by local, state, and federal agencies as needing protection, including but not limited to those identified by the CNDDB, California Fish and Game Code, Title 14 of the California Code of Regulations, or where applicable, in Local Coastal Programs or	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268175-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	in relevant decisions of the California 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;	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268175-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	
Appendix B (g) (13) (A) (vii)	plant species listed as rare under the California Native Plant Protection Act;	TN 268158, Section 5.12.1.3, Figure 5.12-6; TN 268175-1, Appendix Y, Appendix Y.B; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	
Appendix B (g) (13) (A) (viii)	established native resident or migratory wildlife corridors or wildlife nursery sites.	TN 268158, Section 5.12.1.3, Section 5.12.3	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:	TN 268158, Section 5.12.1.3, Table 5.12-4, Table 5.12-4; TN 268172-3, Appendix Y.K	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	TN 268158, Figure 5.12-6; TN 268172-3, Appendix Y.L [CONFIDENTIAL FIGURE]	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 records from the CNDDB, 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.	TN 268142, CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix	Yes	
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	TN 268172-3, Appendix Y.J, Figures 7a, 7b, and 7c	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 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.	Provided separately to staff via Kiteworks due to size of files	No	See DR BIO-14
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:	TN 268158, Section 5.12.1.1	No	See DR BIO-8, DR BIO-13, DR BIO-15, DR BIO-18, DR BIO-20, DR BIO-23, DR BIO-26 and DR BIO-29

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.)	TN 268158, Table 5.12-3, Table 5.12-4	No	See DR BIO-15, DR BIO-18, DR BIO-20, DR BIO-23, DR BIO-26 and DR BIO-29
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.	TN 268142, CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix	Yes	
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 CNDDB 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:	TN 268158, Section 5.12.1.2; TN 268172-1, Appendix Y, Appendix Y.B, Exhibit Y.C, Appendix Y.D, Appendix Y.E; TN 268172-2, Appendix Y.F, Appendix Y.G, Appendix Y.H, Appendix Y.I; TN 268172-3, Appendix Y.J, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	No	See DR BIO-8, DR BIO-13, DR BIO-32

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (13) (D) (i)	Current biological resources surveys conducted using appropriate field survey protocols (include references) during the appropriate season(s). State and federal agencies with jurisdiction shall be consulted for field survey protocol guidance prior to surveys if a protocol exists.	TN 268158, Section 5.12.1.2; TN 268172-1, Appendix Y, Appendix Y.D, Appendix Y.E; TN 268172-2, Appendix Y.F, Appendix Y.G, Appendix Y.H, Appendix Y.I; TN 268172-3, Appendix Y.K, Appendix Y.L [CONFIDENTIAL FIGURE]	No	See DR BIO-8
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.	TN 268158, Section 5.12.1, Figure 5.12-7, Table 5.12-5; TN 268172-3, Appendix Y.J	Yes	
Appendix B (g) (13) (E))	Impacts discussion of all impacts (direct, indirect, and cumulative) to biological resources from project site preparation, construction activities, plant operation, maintenance, closure, and decommissioning. Discussion shall also	TN 268158, Section 5.12.3; TN 268175-1, Appendix Y	No	See DR BIO-16, DR BIO-21, DR BIO-24, DR BIO-27 and DR BIO-30

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	address sensitive species habitat impacts from air emissions (i.e., nitrogen deposition);			
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:	TN 268158, Section 5.12.1.3, Section 5.12.1.4	No	See DR BIO-17, DR BIO-19, DR BIO-22, DR BIO-25, DR BIO-28 and DR BIO-31
Appendix B (g) (13) (F) (i)	All measures proposed to avoid and/or reduce adverse impacts to biological resources.	TN 268158, Section 5.12.1.4	No	See DR BIO-17, DR BIO-19, DR BIO-22, DR BIO-25, DR BIO-28 and DR BIO-31
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.	TN 268158, Section 5.12.1.4, Table 5.12-7	No	See DR BIO-33
Appendix B (g) (13) (F) (iii)	Educational programs to enhance employee awareness during construction and operation to protect biological resources.	TN 268158, Section 5.12.1.4	Yes	
Appendix B (g) (13) (G)	A discussion of compliance and monitoring programs to ensure the effectiveness of impact avoidance and mitigation measures incorporated into the project.	TN 268158, Section 5.12.3, Section 5.12.1.4	Yes	
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	TN 268172-3, Appendix Y.M	No	See DR BIO-34

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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	TN 268158, Table 5.12-6	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.	TN 268158, Table 5.12-7	Yes	
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if	TN 268158, Table 5.12-7 5.12.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Biological Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Single

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: A. Crisp

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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.	TN 268158, Section 5.12.7	No	See DR WATER-1

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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;	TN 268149-2, Subsections 5.1.1.3, 5.1.1.5 to 5.1.1.11, 5.1.3.1, 5.1.3.2; Section 5.1.4	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	TN 268149-2, Subsections 5.1.1.5, 5.1.1.6, 5.1.1.7, 5.1.1.8, 5.1.1.9, 5.1.1.10, 5.1.1.11	Yes	
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	TN 268149-2, Section 5.1	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	TN 268149-2, Subsections 5.1.1, 5.1.1.1, 5.1.1.3, 5.1.1.4, 5.1.1.5, 5.1.1.6, 5.1.1.7, 5.1.3, 5.1.3.1, 5.1.3.2, 5.1.4, 5.1.5, 5.1.5.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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.	TN 268149-2, Subsections 5.1.1.2, 5.1.1.3, 5.1.1.4, 5.1.3.2 TN 268432, Section 3 and Subsection 5.4	No	See DR CUL/TRI-1, DR CUL/TRI-2
Appendix B (g) (2) (B)	The results of a literature search to identify cultural resources and tribal cultural resources within an area not	TN 268149-2 Subsections 5.1.1.6, 5.1.1.7; Confidential	No	See DR CUL/TRI-6, DR CUL/TRI-7, and DR CUL/TRI-8

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	less than a 1-mile radius around the project site and not less that 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. 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	Cultural Resources Appendix F, Section 5.2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the areas of all past surveys and noting the California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports 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)	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. New pedestrian archaeological surveys shall be conducted inclusive of the project site and project linear facility routes, extending to no less than 200	Confidential Cultural Resources Appendix F, Sections 4.2 and 5.2	No	See DR CUL/TRI-3 and DR CUL/TRI-9 to DR CUL/TRI-11

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	feet around the project site, substations and staging areas, and to no less than 50 feet to either side of the right-of-way of project linear facility routes. 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. A technical report of the results of the new surveys, conforming to the			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	Archaeological Resource Management Report format (CA Office of Historic Preservation Feb 1990), which is incorporated by reference in its entirety, shall be separately provided and submitted (under confidential cover if archaeological resource or other sensitive resource locations are included). 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. At a minimum, the technical report shall include:			
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);	Confidential Cultural Resources Appendix F, Sections 4.1.1, 5.1, 5.2	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;	Confidential Cultural Resources Appendix F, Section 4.2, Subsection 5.6.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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;	Confidential Cultural Resources Appendix F, Appendices C and D	No	See DR CUL/TRI-6 and CUL/TRI-8 to CUL/TRI-11
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 Cultural Resources Appendix F, Section 1.2	No	See DR CUL/TRI-12
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.	Confidential Cultural Resources Appendix F, Section 1.2	Yes	
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.	Confidential Cultural Resources Appendix F, Appendix B	No	See DR CUL/TRI-4

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (2) (D) (ii)	A copy of all correspondence sent to Native American individuals and groups listed by the NAHC and copies of all responses. Notification to Native Americans shall include a project description and map.	Confidential Cultural Resources Appendix F, Appendix B	No	See DR CUL/TRI-4
Appendix B (g) (2) (D) (iii)	A written summary of any oral responses.	Confidential Cultural Resources Appendix F, Appendix B	No	See DR CUL/TRI-4
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;	Confidential Cultural Resources Appendix F, Sections 6.2, 6.3, 6.3.1, 6.3.2; TN 268149-2, Subsection 5.1.3.2	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	Confidential Cultural Resources Appendix F, Sections 6.3.2, 6.3.3, 6.4; TN 268149-2, Subsection 5.1.3.2	Yes	
Appendix B (g) (2) (E) (iii)	Educational programs to enhance employee awareness during construction and operation to protect cultural and tribal cultural resources.	Confidential Cultural Resources Appendix F, Section 6.3.1; TN 268149-2, Subsection 5.1.3.2	Yes	
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local,	TN 268149-2, Sections 5.1.3, 5.1.5, 5.1.5.1, 5.1.5.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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.	TN 268149-2, Sections 5.1.6, 5.1.7	No	See DR CUL/TRI-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.	TN 268237, Table 1	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission	TN 268149-2, Section 5.1.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Hoke, L. DeOliveira, R. Hatheway

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: G. Roark

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

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Efficiency, Energy and Energy Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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.	TN 268144, Section 1.1.2; TN 268145, Section 2; TN 268147, Section 4.4	Yes	
Appendix B (h) (4) (D)	Number of hours the plant will be operated in each design condition in each year.	TN 268145, Section 2.1.4; TN 268147, Section 4.4	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. 0 Date: February 2026

Technical Area: **Efficiency, Energy and Energy Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268148, Section 6.2.3	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	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 **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Efficiency, Energy and Energy Resources** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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 **X** Revision No. 0 Date: February 2026

Technical Area: **Executive Summary** Project: Vaca Dixon Power Center Project Technical Staff: A. Jahani

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268166-1, Appendix B; TN 268143, Table of Contents	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.	TN 268144, Section 1.1.2	No	See DR BIO-9 to BIO-11, DR HAZ-2, DR PD-3, DR TSD-3, DR TSD-4, DR TSD-5, DR TSD-6
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.	TN 268144, Figure 1-1, Figure 1-2, Table 1-1, Section 1.1.1	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	TN 268144, Figure 1-1, Figure 1-2	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	TN 268152, Figure 5.5-3a, Figure 5.5-3b, Figure 5.5-4a, p. 5.5-11, Figure 5.5-4b, Figure 5.5-5a, Figure 5.5-5b, Figure 5.5-6a, Figure 5.5-6b	No	See DR ES-1

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Executive Summary** Project: Vaca Dixon Power Center Project Technical Staff: A. Jahani

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the site and all project components at the site, after construction.			
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities. Provide the direct mailing addresses for the owners and occupants of properties contiguous to the proposed power plant, related facilities, transmission lines, or other linear facilities as shown on the latest equalized assessment roll. Provide a map showing the parcels in the notice area.	TN 268177, Appendix A (Confidential)	Yes	
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.	TN 268144, Section 1.2; TN 268145, Section 2.3	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-	TN 268144, Section 1.3.1	Yes	

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Executive Summary** Project: Vaca Dixon Power Center Project Technical Staff: A. Jahani

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	injection system, and a description of their legal interest in these facilities.			
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	TN 268144, Section 1.3.1	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).	TN 268144, Section 1.3.1	Yes	

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Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Facility Design** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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.	TN 268147, Sections 4.1.1 and 4.1.2; TN 268159, Section 5.13.1; TN 268160, Section 5.14.1; TN 268162, Section 5.16.1	Yes	
Appendix B (h) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	TN 268145, Section 2.1.6; TN 268147, Section 4.1.2; TN 268159, Sections 5.13.1 and 5.13.3; TN 268160, Sections 5.14.1 and 5.14.3;	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Facility Design** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		TN 268162, Sections 5.16.1 and 5.16.3		
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.	TN 268147, Sections 4.1.1, 4.1.2, and 4.1.3; TN 268160, Sections 5.14.1 and 5.14.3; TN 268162, Sections 5.16.1 and 5.16.3	Yes	
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:	TN 268145, Section 2.1; TN 268147, Section 4.1.4; TN 268166-2, Appendix C	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;	TN 268145, Sections 2.1.3, 2.1.9, and 2.1.11; TN 268147, Section 4.1.4	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;	TN 268145, Section 2.1.7; TN 268156-2, Sections 5.9.1 and 5.9.3; TN 268157, Sections 5.11.1 and 5.11.3	Yes	

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Technical Area: **Facility Design** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (h) (1) (D) (vi)	The noise emission abatement system;	TN 268150, Section 5.3.3; TN 268167-2, Appendix I	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	TN 268144, Section 1.1.2; TN 268145, Section 2.1.3.1; TN 268147, Section 4.2	Yes	
Appendix B (h) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	TN 268145, Sections 2.1.4.1, 2.1.9, 2.1.10, and 2.1.11.1	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	TN 268156-2, Table 5.9-4 TN 268157, Table 5.11-4; TN 268159, Table 5.13-18; TN 268160, Table 5.14-3; TN 268162, Table 5.16-3	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 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 **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Facility Design** Project: Vaca Dixon Power Center Project Technical Staff: A. Sofi, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268145, Table 2-3	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

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Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Geological Hazards** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268162, Subsections 5.16.1 and 5.16.3; TN 268167-3, Subsection Site Information	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	TN 268162, Subsection 5.16.1; TN 268167-3, Subsection Site Information and Appendixes B through E	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;	TN 268162, Subsection 5.16.8	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	TN 268162, Subsections 5.16.1, 5.16.3, and 5.16.4; TN 268167-3, Subsections Site Information, Earthwork Recommendations, and Foundations, and Appendix A	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Geological Hazards** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268162, Subsection 5.16.1; TN 268167-3, Subsection Site Information	Yes	
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, liquefaction, subsidence, tsunami runup, and expansion or collapse of soil structures at the plant site. Describe known geologic hazards along or crossing linear facilities.	TN 268162, Subsection 5.16.1; TN 268167-3, Subsection Site Information	Yes	

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Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Geological Hazards** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268162, Subsection 5.16.1	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	TN 268162, Subsection 5.16.5	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	TN 268162, Subsections and 5.16.5 and 5.16.6	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Geological Hazards** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268162, Subsection 5.16.6	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.	TN 268162, Subsection 5.16.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Hazardous Materials Handling** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268156-2, Section 5.9; Subsections 5.9.1 to 5.9.4; TN 268467-1 Appendix G; TN 268171-4 Appendix X	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	TN 268156-2, Section 5.9; Subsections 5.9.1 to 5.9.4; TN 268467-1, Appendix G; TN 268171-4, Appendix X	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;	TN 268156-2, Section 5.9, Subsection 5.9.8; TN 268467-1, Appendix G; TN 268171-4, Appendix X	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or	TN 268156-2, Section 5.9, Subsections 5.9.1 to 5.9.4; TN 268467-1, Appendix G; TN 268171-4 Appendix X, Phase I ESA; TN 268170-3, Appendix S	No	See DR HAZ-1

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Hazardous Materials Handling** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268156-2, Section 5.9, Subsection 5.9.1.2	No	See DR HAZ-2, DR HAZ-3 and DR HAZ-4
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.	TN 268156-2, Section 5.9, Subsection 5.9.1.1	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	TN 268156-2, Section 5.9, Subsections 5.9.1.2 and 5.9.1.3	No	See DR HAZ-2 and DR HAZ 5
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.	TN 268156-2, Section 5.9, Subsection 5.9.3.2	Yes	NA

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Technical Area: **Hazardous Materials Handling** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	TN 268156-2, Section 5.9, Subsection 5.9.1.2; TN 268156-1, Section 5.10, Subsection 5.10.4 and 5.10.5	No	See DR HAZ-6
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	TN 268156-2, Section 5.9, Subsections 5.9.1.3 and 5.9.3.2	No	See DR HAZ-5 and DR HAZ-7
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	TN 268156-2, Section 5.9, Subsection 5.9.3.2	No	See DR HAZ-8, DR HAZ-9 and DR HAZ-10
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	TN 268156-2, Section 5.9, Subsections 5.9.5	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	TN 268156-2, Section 5.9, Subsections 5.9.6 and 5.9.7	Yes	

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Technical Area: **Hazardous Materials Handling** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268156-2, Section 5.9, Subsection 5.9.6	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.	TN 268156-2, Section 5.9, Subsection 5.9.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268149-1, Section 5.2.1 TN 268149-1, Section 5.2.3	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	TN 268149-1, Section 5.2.1 TN 268149-1, Section 5.2.3	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;	TN 268149-1, Section 5.2.8	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	TN 268149-1, Section 5.2.1 TN 268149-1, Section 5.2.3 TN 268149-1, Section 5.2.4	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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:	TN 268145, Section 2.1.1 TN 268149-1, Section 5.2.1	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;	TN 268149-1, Section 5.2.1	Yes	

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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;	TN 268149-1, Section 5.2.1	No	See DR LAND-1
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	TN 268149-1, Section 5.2.1 TN 268149-1, Section 5.2.5	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.	TN 268149-1, Section 5.2.1, Figure 5.2-1, Figure 5.2-2, Figure 5.2-3	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, regional, or local planning	TN 268149-1, Section 5.2.3 TN 268149-1, Section 5.2.6 TN 268149-1, Section 5.2.7	No	See DR LAND-1

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Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 area, will be located on a single legal parcel. The merger need not	TN 268144, Section 1.1.1 TN 268144, Section 1.3.1 TN 268145, Section 2.1.1 TN 268149-1, Section 5.2.1	No	See DR LAND-2

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Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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:	TN 268149-1, Section 5.2.1, Figures 5.2-4 and 5.2-5	No	See DR LAND-3
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;	TN 268149-1, Section 5.2.1, Figures 5.2-4 and 5.2-5	No	See DR LAND-3
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	TN 268149-1, Section 5.2.1	Yes	
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	TN 268149-1, Section 5.2.3 TN 268149-1, Section 5.2.4	No	See DR LAND-4

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Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	Agricultural Land Conservation contract, provide a written copy and a discussion of the status of the expiration or canceling of such contract.			
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	TN 268149-1, Section 5.2.3	No	See DR LAND-1
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	TN 268145, Section 2.4 TN 268149-1, Section 5.2.6 TN 268327	Yes	

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Technical Area: **Land Use** Project: Vaca Dixon Power Center Project Technical Staff: N. Vahidi, T. Inouye

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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 provide the name of the official who will serve as a contact person for Commission staff.	TN 268145, Section 2.4 TN 268327	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.	TN 268145, Section 2.2 TN 268149-1, Section 5.2.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Noise** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, L. Rosas

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268150, Subsection 5.3.3.1 TN 268167-2, Appendix I	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	TN 268150, Subsection 5.3.1.1, Subsection 5.3.3.1 TN 268167-2, Appendix I	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;	TN 268150, Subsection 5.3.1.1, Subsection 5.3.3.1, Section 5.3.8 TN 268167-2, Appendix I	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	TN 268150, Subsection 5.3.1.2, Subsection 5.3.3.2, Section 5.3.4	Yes	

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Noise** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, L. Rosas

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268150, Subsection 5.3.1.2, Figure 5.3-1.	No	See DR NOI-1.
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, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be	TN 268150, Subsection 5.3.1.3, Table 5.3-1, Table 5.3-2, Table 5.3-3, Table 5.3-4, 5.3-5, Table 5.3-6, Table 5.3-7, Table 5.3-8, Table 5.3-9, Table 5.3-10. TN 268167-2, Appendix I	No	See DR NOI-2.

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Noise** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, L. Rosas
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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_{10}, L_{50}, and L_{90} 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.	TN 268150, Subsection 5.3.1.3 TN 268167-2, Appendix I	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction 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.	TN 268150, Subsection 5.3.3.2, Table 5.3-13, Figure 5.3-4 TN 268167-2, Appendix I	No	See DR NOI-3 and NOI-4.

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Noise** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, L. Rosas

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268150, Subsection 5.3.3.2	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.	TN 268150, Subsection 5.3.3.2	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	TN 268150, Subsection 5.3.3.2, Table 5.3-14		

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Noise** Project: Vaca Dixon Power Center Project Technical Staff: P. Miller, L. Rosas

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	TN 268150, Section 5.3.6, Table 5.3-18	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.	TN 268150, Section 5.3.6, Table 5.3-18	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

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Paleontological Resources** Project: Vaca Dixon Power Center Project Technical Staff: K. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268161, Subsections 5.15.1 and 5.15.3	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	TN 268161, Subsections 5.15.1, 5.15.3, and 5.15.4	No	See DR PAL-1
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;	TN 268161, Subsection 5.15.8	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	TN 268161, Subsections 5.15.1, 5.15.3, and 5.15.4	No	See DR PAL-1

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Paleontological Resources** Project: Vaca Dixon Power Center Project Technical Staff: K. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268161, Subsection 5.15.1	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.	TN 268161, Subsection 5.15.1	No	See DR PAL-1
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 and qualifications of the individuals conducting the surveys.	TN 268161, Subsections 5.15.1 and 5.15.3	Yes	
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	TN 268161, Subsection 5.15.1	Yes	

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Paleontological Resources** Project: Vaca Dixon Power Center Project Technical Staff: K. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 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.	TN 268161, Subsections 5.15.3	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	TN 268161, Subsection 5.15.5	Yes	
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce	TN 268161, Subsections 5.15.5 and 5.15.6	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Paleontological Resources** Project: Vaca Dixon Power Center Project Technical Staff: K. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.			
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.	TN 268161, Subsection 5.15.6	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.	TN 268161, Subsections 5.15.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Project Description** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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;	TN 268145, Figure 2-3	Yes	
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);	TN 268145, Figure 2-2; Subsection 2.3.2.1; TN 268166-2, Appendix C	No	See DR PD-1
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	TN 268145, Sections 2.1, 2.1.4 to 2.1.7, 2.1.10, and 2.1.11	No	See DR AQ-1 to DR AQ-4, DR BIO-6, DR BIO-9 to DR BIO-11, DR HAZ-4, DR HAZ-5, DR HAZ-7, DR HAZ-10, DR PD-2, DR-PD-3, DR TSD-2 to DR TSD-8, DR WATER-1, DR WATER-2, DR WS-5, DR WS-6, DR WS-9, DR WS-12 to DR WS-20
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected, and the consideration given to engineering	TN 268145, Sections 2.1.14 and 2.2.1; TN 268148, Section 6.1		

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Project Description** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and other factors considered by the applicant.			
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);	TN 268145, Figure 2-1, Figure 2-10	No	See DR-VIS-4
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.	TN 268152, Subsection 5.5.3.1, Figure 5.5-3a, Figure 5.5-4b, Figure 5.5-4a, Figure 5.5-4b, Figure 5.5-5a, Figure 5.5-b, Figure 5.5-6a, and 5.5-6b	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 other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be	TN 268145, Sections 2.2, and 2.3	No	See DR BIO-9 to BIO-11, DR PD-2, DR TSD-6, DR TSD-9

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Project Description** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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	TN 268145, Section 2.2 TN 268145, Section 2.2.1	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 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	TN 268181, Appendix E	No	See DR TSD-7, DR TSD-8

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Project Description** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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		
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		
Appendix B (b) (3) (B)	Full-page color photographic reproductions of the geothermal leaseholds;	N/A		
Appendix B (b) (3) (C)	A description of the process by which the geothermal leasehold was selected and the consideration given to engineering constraints, site geology, environmental impacts, water, steam, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant. Include references to any environmental documents which address steam field development;	N/A		
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	N/A		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Project Description** Project: Vaca Dixon Power Center Project Technical Staff: Various

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Chang

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;			
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		
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		
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	TN 268146, Sections 3.1 and 3.2	Yes	

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Public Health** Project: Vaca Dixon Power Center Project Technical Staff: A. Chu

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268155, Subsection 5.8.1.2 TN 268170-1, Appendix A	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	TN 268155, Subsection 5.8.1.2	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;	TN 268155, Subsection 5.8.1.2	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	TN 268155, Section 5.8.1, Section 5.8.4	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Public Health** Project: Vaca Dixon Power Center Project Technical Staff: A. Chu

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 (OEHHA Guidelines, Cal-EPA 2005).	TN 268155, Subsections 5.8.1.1 and 5.8.1.2	No	See DRs PH-1 to PH-6, and DR AQ-2
Appendix B (g) (9) (B)	A listing of the input data and output results, in both electronic	TN 268170-2, Appendix R.D	No	See DRs PH-2, PH-3, PH-5, and DR AQ-2.

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Public Health** Project: Vaca Dixon Power Center Project Technical Staff: A. Chu

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and print formats, used to prepare the HARP health risk assessment.			
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.	TN 268155, Subsection 5.8.1.2	Yes	
Appendix B (g) (9) (D)	A map showing sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	TN 268155, Figure 5.8-1	Yes	
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 exposure than the population at large;	TN 268155, Subsection 5.8.1.1	Yes	
Appendix B (g) (9) (E) (ii)	An acute exposure is one that occurs over a time period of less	TN 268155, Subsection 5.8.1.1	Yes	

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Technical Area: **Public Health** Project: Vaca Dixon Power Center Project Technical Staff: A. Chu

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	than or equal to one (1) hour; and			
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.	TN 268155, Subsection 5.8.1.1	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	TN 268155, Section 5.8.5, Table 5.8-2	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	TN 268155, Section 5.8.6, Table 5.8-3	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Public Health** Project: Vaca Dixon Power Center Project Technical Staff: A. Chu

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: W. Qian

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268155, Section 5.8.6 and Table 5.8-3	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.	TN 268155, Section 5.8.7	Yes	

DATA COMPLETNESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Reliability** Project: Vaca Dixon Power Center Project Technical Staff: J. Locsin, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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.	N/A	N/A	N/A
Appendix B (h) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the	TN 268147, Section 4.3, p. 4-3	Yes	N/A

DATA COMPLETNESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Reliability** Project: Vaca Dixon Power Center Project Technical Staff: J. Locsin, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	proposed facilities on consideration of:			
Appendix B (h) (3) (B) (i)	Expected overall availability factor, and annual and lifetime capacity factors;	TN 268147, Section 4.3 and 4.4, p. 4-3	Yes	N/A
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;	TN 268147, Section 4.1, p. 4-1 and Subsection 4.3.2, p. 4-3; TN 268148 Subsection 6.2.3	Yes	N/A
Appendix B (h) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	TN 268162, Section 5.16, p. 5.16-1; TN 268162, Subsection 5.16.1, pp. 5.16-1 to 5.16-9; TN 268159, Section 5.13; TN 268160, Section 5.14	Yes	N/A
Appendix B (h) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability	TN 268147, Section 4.3, p. 4-3	Yes	N/A

DATA COMPLETNESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Reliability** Project: Vaca Dixon Power Center Project Technical Staff: J. Locsin, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	including equipment redundancy; and			
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	N/A	N/A	N/A

DATA COMPLETNESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Reliability** Project: Vaca Dixon Power Center Project Technical Staff: J. Locsin, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	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. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268153, Section 5.6; TN 268176, Appendix Q	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	TN 268153, Section 5.6; TN 268176, Appendix Q	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;	TN 268153, Section 5.6; TN 268176, Appendix Q	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,	TN 268153, Section 5.6.1, Section 5.6.3, Section 5.6.4, Section 5, Table 5-1	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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:	TN 268153, Section 5.6.1; TN 268176, Appendix Q	No	See DR SOCIO-1 and DR SOCIO-2
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;	TN 268153, Section 5.6.1.4, Section 5.6.1.5; TN 268176 Appendix Q	No	See DR SOCIO-1
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	TN 268153, Section 5.6.1.1; TN 268176; TN 268176 Appendix Q	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	TN 268153, Section 5.6.1.2; TN 268176, Appendix Q	No	See DR SOCIO-2
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by occupation required for construction and operation of the project;	TN 268153, Section 5.6.1.2, Table 5.6-8; TN 268176, Appendix Q	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing and current vacancy rate; and	TN 268153, Section 5.6.1.3; TN 268176, Appendix Q	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.	TN 268153, Section 5.6.1.6; TN 268176, Appendix Q	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project (note year of estimate, model, if used, and appropriate sources), including:	TN 268153, Section 5.6.3.2; TN 268176, Appendix Q	Yes	
Appendix B (g) (7) (B) (i)	An estimate of the number of workers to be employed each month by occupation during	TN 268153, Section 5.6.3.2; TN 268176, Appendix Q	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	construction, and for operations, an estimate of the number of permanent operations workers during a year;			
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;	TN 268153, Section 5.6.3.2	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	TN 268153, Section 5.6.3.2	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	TN 268153, Section 5.6.3.2	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 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	TN 268153, Section 5.6.3.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026
Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman
Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;			
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	TN 268153, Section 5.6.1.4; TN 268176, Appendix Q	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;	TN 268153, Section 5.6.3; TN 268176, Appendix Q	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;	TN 268176, Appendix Q	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost (plant and equipment) of the project;	TN 268176, Appendix Q	Yes	
Appendix B (g) (7) (B) (x)	An estimate of sales taxes generated during construction and separately during an operational year of the project;	TN 268153, Section 5.6.3; TN 268176, Appendix Q	Yes	
Appendix B (g) (7) (B) (xi)	An estimate of property taxes generated during an operational year of the project;	TN 268153, Section 5.6.3; TN 268176, Appendix Q	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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	TN 268153, Section 5.6.3; TN 268176, Appendix Q	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.	TN 268153, Section 5.6.3.3	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	TN 268153, Section 5.6.5	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	TN 268153, Section 5.6.6	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Socioeconomics** Project: Vaca Dixon Power Center Project Technical Staff: T. Inouye, N. Vahidi, I. Kaufman

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268153, Section 5.6.6	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.	TN 268153, Section 5.6.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Soils** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268160, Subsections 5.14.1 and 5.14.3	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	TN 268160, Subsections 5.14.1 and 5.14.3	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;	TN 268160, Subsection 5.14.8	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	TN 268160, Subsections 5.14.1, 5.14.3, and 5.14.4	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Soils** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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:	TN 268160, Subsection 5.14.1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil;	TN 268160, Subsection 5.14.1	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 pollutants in the soil-vegetation system;	TN 268160, Subsection 5.14.1	Yes	
Appendix B (g) (15) (A) (iii)	The location of any proposed fill disposal or fill procurement (borrow) sites; and	TN 268157, Subsection 5.11.1 and 5.11.3;	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Soils** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		TN 268160, Subsection 5.14.1		
Appendix B (g) (15) (A) (iv)	The location of any contaminated soils that could be disturbed by project construction.	TN 268160, Subsection 5.14.1	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:	TN 268160, Subsections 5.14.3 and 5.14.4	Yes	
Appendix B (g) (15) (B) (i)	The quantification of accelerated soil loss due to wind and water erosion; and	TN 268166-3, Subsection 4	Yes	
Appendix B (g) (15) (B) (ii)	The effect of power plant emissions on surrounding soil-vegetation systems.	TN 268142, CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix.	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	TN 268160, Subsection 5.14.5	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Soils** Project: Vaca Dixon Power Center Project Technical Staff: Kevin M. DeLano

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268160, Subsection 5.14.5 and 5.14.6	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.	TN 268160, Subsection 5.14.6	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.	TN 268160, Subsection 5.14.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268151, Section 5.4.3; TN 268168-3, Appendix L	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	TN 268168-3, Appendix L	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;	TN 268151, Section 5.4.8	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	TN 268151, Sections 5.4.1 and 5.4.3	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268151, Subsection 5.4.1.1, Figure 5.4-2	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 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:	TN 268151, Subsection 5.4.3.2, Impact TRA-6; TN 268168-4, Appendix M	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268151, Subsection 5.4.1.1, Figures 5.4-4 and 5.4-5	Yes	
Appendix B (g) (5) (B) (ii)	A thermal plume analysis that describes the plume's velocity;	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	TN 268151, Subsection 5.4.3.2, Impact TRA-6; TN 268168-2, Appendix K	Yes	
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	
Appendix B (g) (5) (C)	An evaluation of the project's potential impacts related to vehicle miles traveled (VMT) that may include:	TN 268151, Subsection 5.4.3.2, Impact TRA-2	No	See DR TRANS-1
Appendix B (g) (5) (C) (i)	The local jurisdiction's thresholds of significance;	TN 268151, Subsection 5.4.3.1	No	See DR TRANS-2
Appendix B (g) (5) (C) (ii)	Methodologies (such as local VMT Evaluation Tool);	TN 268151, Subsection 5.4.3.1	No	See DR TRANS-1
Appendix B (g) (5) (C) (iii)	VMT heat maps; and	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	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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:	TN 268151, Subsection 5.4.1.1, Figure 5.4-3	Yes	
Appendix B (g) (5) (D) (i)	Road classification and design capacity;	TN 268151, Subsection 5.4.1.1	Yes	
Appendix B (g) (5) (D) (ii)	Current daily average and peak traffic counts;	TN 268168-3, Appendix L, Figure 2-2	Yes	
Appendix B (g) (5) (D) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	TN 268151, Subsection 5.4.1.2, Table 5.4-1; TN 268151, Subsection 5.4.3.2, Tables 5.4-2 and 5.4-3	Yes	
Appendix B (g) (5) (D) (iv)	Weight and load limitations;		No	See DR TRANS-3
Appendix B (g) (5) (D) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	TN 268168-3, Appendix L, Figures 3-2 and 3-3	Yes	
Appendix B (g) (5) (D) (vi)	An identification of any road features affecting public safety.	TN 268151, Subsection 5.4.3.2, Impact TRA-3	Yes	
Appendix B (g) (5) (E)	An assessment of the construction and operation impacts of the proposed project on the	TN 268151, Subsection 5.4.3.2, Impact TRA-1;	Yes	

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Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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:	TN 268168-3, Appendix L, Section 3.0		
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.	Not provided	No	See DR TRANS-4
Appendix B (g) (5) (E) (ii)	Description of public roadways and intersections temporarily or permanently altered by construction and operation including the duration of activities.	Not provided	No	See DR TRANS-5
Appendix B (g) (5) (F)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	TN 268151, Subsection 5.4.3.2, Impact TRA-5	Yes	
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use	TN 268151, Section 5.4.5, Table 5.4-4	Yes	

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Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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.	TN 268151, Section 5.4.6, Table 5.4-5	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.	TN 268151, Section 5.4.6, Table 5.4-5	Yes	
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the	TN 268151, Section 5.4.7, Table 5.4-6	Yes	

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Technical Area: **Traffic and Transportation** Project: Vaca Dixon Power Center Project Technical Staff: S. Brown, E. Turner

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

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

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Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Transmission System Safety and Nuisance** Project: Vaca Dixon Power Center Project Technical Staff: S. Edirisuriya

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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		
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		
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		
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	TN 268143, Section 2.0 and 2.1, Figure 2.3 to 2.6 Figure 2-11 to 2-14 TN 268147, Section 4.2, Subsection 4.2.2	Yes	

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Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Transmission System Safety and Nuisance** Project: Vaca Dixon Power Center Project Technical Staff: S. Edirisuriya

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (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.	TN 268143, Section 2.2 and 2.3, Figures 2.3 and 2.6, Figures 2.11 to 2.14	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.	TN 268143, section 2.0 Figure 2.3 to 2.6 Figure 2-11 to 2-14 TN 268147, Section 4.2, Section 4.2.2	Yes	
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.	TN 268147, Section 4.2, Section 4.2.2	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 thex but could proposed project, and a	TN 268143, Cover Letter, Chapter 5	Yes	

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Technical Area: **Transmission System Safety and Nuisance** Project: Vaca Dixon Power Center Project Technical Staff: S. Edirisuriya

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268142, Cover Letter, Chapter 5	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.	TN 268145, Section 2.4	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		

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Technical Area: **Transmission System Design** Project: Vaca Dixon Power Center Project Technical Staff: U. Khalid

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268144, Section 1.1.2 TN 268145, Section 2.1.1 TN 268145, Section 2.1.14	Yes	
Appendix B (h) (2) (B)	A discussion of the extent to which the proposed electric transmission	TN268144, Section 1.1.2 TN268145, Section 2.2	No	See TSD-3 See TSD-4

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Technical Area: **Transmission System Design** Project: Vaca Dixon Power Center Project Technical Staff: U. Khalid

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN268145, Section 2.2.1		See TSD-5 See TSD-7 See TSD-8
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.	TN268145, Section 2.1.3.2 TN268145, Section 2.2 TN268145, Section 2.3.2.1	No	See TSD-6 See TSD-9
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.	TN268145, Section 2.2 TN268145, Section 2.3	Yes	
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards,		No	See TSD-1 See TSD-2

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Technical Area: **Transmission System Design** Project: Vaca Dixon Power Center Project Technical Staff: U. Khalid

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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

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Technical Area: **Transmission System Design** Project: Vaca Dixon Power Center Project Technical Staff: U. Khalid

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: S. Khoshmashrab

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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

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Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268152, Subsections 5.5.1.2 and 5.5.3.1	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	TN 268152, Subsections 5.5.1.2, 5.5.3.1, 5.5.3.2, 5.5.4; TN 268164, Section 5	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;	TN 268164, Subsections 5.5.1.1, 5.5.1.2, 5.5.3.1, 5.5.3.2, 5.5.8	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	TN 268152, Subsections 5.5.1.2, 5.5.3.1, 5.5.4; TN 268164, Section 5	No	See DRs VIS-1, VIS-2, and VIS-3

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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:	TN 268152, Subsections 5.5.1.2 and 5.5.3.1	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:	None provided	No	See DR VIS-4
Appendix B (g) (6) (A) (i) a.	Any designated scenic vista and scenic resource in an adopted federal, state, county, or city government planning document, plan, or regulation.	None provided	No	See DR VIS-4
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),	None provided	No	See DR VIS-4

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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).			
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.	None provided	No	See DR VIS-4
Appendix B (g) (6) (A) (i) d.	Explain does the project eliminate or obstruct the public view (the visible area from a location where the public has a legal and physical right of access to real property) of a scenic vista and scenic resource? Is the project situated so that it changes the visual aspect of a scenic resource by being different or in sharp contrast?	TN 268152, Subsections 5.5.3.1, 5.5.3.2, and 5.5.5	No	See DR VIS-5
Appendix B (g) (6) (A) (ii)	Describe the existing nighttime lighting on the project site and in the vicinity.	TN 268152, Subsections 5.5.1.2, 5.5.3.1, and 5.5.3.2	Yes	
Appendix B (g) (6) (B)	In accordance with CEQA Guidelines as found in 14 CCR	N/A – Not within an urbanized area	--	--

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
Appendix B (g) (6) (C)	In accordance with CEQA Guidelines as found in 14 CCR Division 6, Chapter 3, Appendix G Environmental Checklist Form, I. Aesthetics c, if the project is to be constructed within a non-urbanized area provide the following:	--	--	--
Appendix B (g) (6) (C) (i)	Show on a map the pinpoint location of the key observation point(s) (KOP) for the project. A KOP is a fixed position in a publicly accessible location where a public view of the project is analyzed and/or evaluated in the landscape. Objects of aesthetic significance are the primary focus in the KOP selection.	TN 268152, Subsection 5.5.1.2	Yes	--
Appendix B (g) (6) (C) (ii)	If an object of aesthetic significance is not in the vicinity of	TN 268152, Subsection 5.5.3.1	Yes	--

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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 focal length, viewing angle; date and time the photograph was taken, and the distance to the project site.	TN 268152, Subsection 5.5.3.1	No	See DRs VIS-1 and VIS-2 for additional KOPs
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).	TN 268152, Subsection 5.5.3.1	No	See DRs VIS-1, VIS-2, VIS-6, VIS-7, and VIS-8

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268152, Subsection 5.5.3.1	No	See DR VIS-9
Appendix B (g) (6) (C) (vi)	Provide a copy of the KOP photograph(s) and photo-realistic simulation(s) in an electronic file.	TN 268152, Subsection 5.5.3.1	No	See DRs VIS-1, VIS-2, VIS-6, VIS-7, and VIS-8
Appendix B (g) (6) (D)	Show and describe the project in the landscape.	TN 268152, Subsection 5.5.3.1	No	See DRs VIS-1, VIS-2, VIS-6, VIS-7, and VIS-8
Appendix B (g) (6) (D) (i)	Provide an 8.5" x 11" sized scaled elevation(s) of project buildings, structures, and major equipment; a table listing their dimensions (height, length, width, diameter).	TN 268152, Subsection 5.5.3.1; TN 268166-2; TN 268145, Subsections 2.2, 2.3.2.1	No	See DR VIS-10
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.	TN 268152, Subsection 5.5.3.1	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.	TN 268152, Subsection 5.5.3.1; TN 268145, Subsections 2.1.2 and 2.1.3.2	No	See DR VIS-11
Appendix B (g) (6) (D) (iv)	Provide a project specific conceptual landscape design plan that conforms with the city	TN 268152, Subsection 5.5.3.1; TN 268145,	No	See DRs VIS-11, VIS-12, and VIS-13

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	municipal code or county government code. Include:	Subsections 2.1.2 and 2.1.3.2		
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.	TN 268152, Subsection 5.5.3.1; TN 268145, Subsections 2.1.2 and 2.1.3.2	No	See DRs VIS-11 and VIS-12
Appendix B (g) (6) (D) (iv) b.	the calculated total pervious surface amount for the project site; include the surface to be replaced, the new surface, and the total area to be landscaped.	TN 268152, Subsection 5.5.3.1; TN 268145, Subsections 2.1.2 and 2.1.3.2	No	See DR VIS-11 and VIS-13
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.	TN 268152, Subsection 5.5.3.1; TN 268169-1, Appendix N	No	See DR VIS-14
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	TN268152, Subsection 5.5.3.1; TN268169-1, Appendix N	No	See DR VIS-15

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	safety and security considerations. Show the project-specific luminaires locations on a diagram or elevation.			
Appendix B (g) (6) (D) (v) b.	Describe reflectance, the intensity of the specular reflectance from the exterior surface of the project's large buildings, structures, and major equipment offsite to the surrounding area (e.g., the light reflected from the shiny surface). The reflectance of the object–how bright it shines–depends on the intensity of the light striking it and the materials from which it is made (e.g., glass, reinforced concrete, structural steel).	TN268152, Subsection 5.5.3.1; TN268169-1, Appendix N	No	See DR VIS-16
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.	--	--	--
Appendix B (g) (6) (E) (ii)	Provide fogging curves specific to the cooling tower's exhaust	--	--	--

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Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	discharge for at least three ambient air temperature conditions (a low, average, and high temperature condition).			
Appendix B (g) (6) (E) (iii)	Explain if the project's forecasted visible plume emitted in the atmosphere by the cooling tower would eliminate or obstruct an existing public view of a designated or recognized scenic vista, scenic resource, and the existing visual character or quality of public views of the site and its surroundings.	--	--	--
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	TN 268152, Subsection 5.5.3.1	No	See DR VIS-17
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue	TN 268152, Subsections 5.5.6 and 5.5.7	No	See DR VIS-18

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Visual Resources** Project: Vaca Dixon Power Center Project Technical Staff: M. Clayton

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: E. Knight

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.			
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.	TN 268152, Subsection 5.5.6; TN 268327, Compiled Agency Contact List	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.	TN 268152, Subsection 5.5.7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Waste Management** Project: Vaca Dixon Power Center Project Technical Staff: G. Mehdizadeh, N. Kehrlein

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268157, Sections 5.11.1 and 5.11.3	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	TN 268157, Sections 5.11.1, 5.11.3, and 5.11.5	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;	TN 268157, Section 5.11.8; TN 268167-1, Appendix G; TN 268171-4, Appendix X	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	TN 268157, Sections 5.11.1 and 5.11.3; TN 268167-1 Appendix G; TN 268171-4, Appendix X	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Waste Management** Project: Vaca Dixon Power Center Project Technical Staff: G. Mehdizadeh, N. Kehrlein

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268167-1, Appendix G; TN 268171-4, Appendix X	Yes	
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq.,	TN 268157, Table 5.11-1, Table 5.11-2, Sections 5.11.1.3 and 5.11.3	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Waste Management** Project: Vaca Dixon Power Center Project Technical Staff: G. Mehdizadeh, N. Kehrlein

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.			
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.	TN 268157, Table 5.11-3, Section 5.11.1.3	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 treatment methods used, and use of contractors for treatment.	TN 268157, Section 5.11.3.2	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	TN 268157, Table 5.11-4	Yes	

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Technical Area: **Waste Management** Project: Vaca Dixon Power Center Project Technical Staff: G. Mehdizadeh, N. Kehrlein

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268157, Table 5.11-5	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.	TN 268157, Table 5.11-5, TN 268327, Compiled Contact List	No	See DR WASTE-1
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.	TN 268157, 5.11-6	Yes	

Completeness: Complete ____ Incomplete **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date: February 2026

Technical Area: **Water Resources** Project: Vaca Dixon Power Center Project Technical Staff: N. Kehrlein, G. Mehdizadeh

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. 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.	TN 268159, Sections 5.13.1 to 5.13.3; TN 268166-3, Sections 1.2, 2.0-4.0	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	TN 268159, Section 5.13.1; TN 268166-3, Sections 1.0, 2.0, 4.0	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;	TN 268159, Section 5.13.8; TN 268166-3, Appendix C	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	TN 268159, Section 5.13.1 to 5.13.5; TN 268166-3, Sections 1.2, 2.0, 3.2, 4.0	Yes	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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) (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);	TN 268159, Section 5.13; TN 268166-3, Appendix D, Section 1.2; TN 268166-3, Appendix D, Section 4	No	See DR WATER-1
Appendix B (g) (14) (A) (ii)	Construction and Industrial Waste Discharge or Industrial Pretreatment permits from wastewater treatment agencies;	TN 268159, Subsection 5.13.1.5	Yes	
Appendix B (g) (14) (A) (iii)	Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and	TN 268159, Section 5.13.5	No	See DR WATER-1
Appendix B (g) (14) (A) (iv)	Underground Injection Control Permit(s) from the U.S. Environmental Protection Agency, California Division of Oil and Gas, and RWQCB.	N/A	N/A	
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			

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	scale approved by staff), describing the chemical and physical characteristics of the following nearby water bodies that may be affected by the proposed project:			
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	TN 268159, Subsection 5.13.1.1	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies;	TN 268159, Subsection 5.13.1.2	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;	TN 268159, Subsection 5.13.1.4; TN 268166-3, Appendix A	Yes	
Appendix B (g) (14) (B) (iv)	Flood control facilities (existing and proposed); and	TN 268159, Subsection 5.13.1.3; TN 268166-3, Sections 1.2, 3.2, 4.2	Yes	
Appendix B (g) (14) (B) (v)	Groundwater wells within ½ mile if the project will include pumping.	N/A	N/A	
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;	TN 268159, Subsection 5.13.1.6	Yes	
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	N/A	N/A	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	of the expected physical and chemical characteristics. Provide copies of background material used to create this description (that is, laboratory analysis);			
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and wastewater discharge for both the construction and operation phases of the project;	TN 268159, Subsection 5.13.1.6, Tables 5.13-12 and 5.13-13	Yes	
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;	TN 268159, Subsection 5.13.1.6	Yes	
Appendix B (g) (14) (C) (v)	For all water supplies intended for industrial uses to be provided from 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;	TN 268159, Subsection 5.13.1.6	No	See DR WATER-2

Completeness: Complete ____ Incomplete **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date: February 2026

Technical Area: **Water Resources** Project: Vaca Dixon Power Center Project Technical Staff: N. Kehrlein, G. Mehdizadeh

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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);	N/A	N/A	
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	TN 268159, Subsection 5.13.1.6	Yes	
Appendix B (g) (14) (C) (viii)	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	N/A	N/A	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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. 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 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	--	--	--

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;	TN 268159, Subsection 5.13.1.3; TN268166-3, Appendix D, Section 3.2.1; Appendix A	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;	TN 268166-3, Appendix D, Sections 1.2, 3.2.1, 4.0 to 4.2, Appendix A/B	Yes	
Appendix B (g) (14) (D) (iii)	All assumptions and calculations used to calculate runoff and to estimate changes in flow rates between pre- and post-construction; and	TN 268166-3, Appendix D, Sections 2 and 4	Yes	
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.	TN 268159, Section 5.13.5	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	TN 268159, Subsections 5.13.1.6, 5.13.3 (Impact WAT-2)	Yes	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;			
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 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;	N/A	N/A	
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;	TN 268159, Section 5.13.3 (WAT-1)	Yes	
Appendix B (g) (14) (iv)	If not using a zero liquid discharge project design for cooling and	N/A	N/A	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;"			
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 supplies and alternative cooling are "environmentally undesirable," or "economically unsound;"	TN 268159, Sections 5.13.1 and 5.13.4	Yes	
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	TN 268159, Subsections 5.13.1.4, 5.13.3 (WAT-4); TN 268166-3, Appendix A	Yes	
Appendix B (g) (14) (vii)	All assumptions, evidence, references, and calculations used in the analysis to assess these effects.	TN 268159, Section 5.13.8; TN 268166-3, Appendix A, Appendix B	Yes	
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and	TN 268159, Section 5.13.5	Yes	

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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			
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.	TN 268159, Section 5.13.6	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.	TN 268159, Section 5.13.6	No	See DR WATER-3

Completeness: Complete ___ Incomplete **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date: February 2026

Technical Area: **Water Resources** Project: Vaca Dixon Power Center Project Technical Staff: N. Kehrlein, G. Mehdizadeh

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: K. Abulaban

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	TN 268159, Section 5.13.7	No	See DR WATER-3

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Wildfire** Project: Vaca Dixon Power Center Project Technical Staff: P.Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268163 Section 5-17, Subsections 5.17.1, 5.17.3 and 5.17.4	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	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;	TN 268163, Section 5-17, Subsection 5.17.8	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	TN 268163, Section 5-17, Subsections 5.17.1 and 5.17.3	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Wildfire** Project: Vaca Dixon Power Center Project Technical Staff: P.Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (19) (A)	A map showing State Responsibility Areas (SRA,) as defined in Public Resources Code section 4102, relative to the proposed project.	TN 268163, Section 5-17, Subsection 5.17.1.3, Figure 5.17-1	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.	TN 268163, Section 5-17, Subsection 5.17.1.3, Figure 5.17-2	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.	TN 268163, Section 5-17, Subsection 5.17.3; TN 268156-2, Section 5-9, Subsection 5.9.3; TN 268156-1 Section 5-10, Subsection 5.10.2.4	Yes	
Appendix B (g) (19) (C) (ii)	A discussion of how potential project pollutants could be contained onsite during a wildfire event.	TN 268163 Section 5-17, Subsection 5.17.3.2; TN 268156-2, Section 5-9, Subsection 5.9.3.2;	Yes	
Appendix B (g) (19) (C) (iii)	A description of infrastructure that would be built or maintained (such as roads, fuel breaks, emergency water sources, power lines or other	TN 268163, Section 5-17, Subsection 5.17.3.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete **X** Incomplete ___ Revision No. 0 Date: February 2026

Technical Area: **Wildfire** Project: Vaca Dixon Power Center Project Technical Staff: P.Miller, K. Lewis

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	TN 268163, Section 5-17, Subsection 5.17.3.2	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Worker Safety** Project: Vaca Dixon Power Center Project Technical Staff: A. Greenberg, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.	TN 268156-1, Section 5.10.2.4; TN 268173-3 Appendix T; TN 268171-1 Appendix U; TN 268171-2 Appendix V; TN 268171-3 Appendix W	No	See DR-WS-16, DR WS-20 to DR WS-22
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	TN 268156-1, Section 5.10.2.4; TN 268173-3 Appendix T; TN 268171-1 Appendix U; TN 268171-2 Appendix V; TN 268171-3 Appendix W	No	See DR-WS-16, and DR WS-20 to DR WS-22
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.	TN 268156-1, Section 5.10.2 and 5.10.3	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	TN 268156-1, Section 5.10.1 and 5.10.2.4	No	See DR WS-5 to DR WS-12

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Worker Safety** Project: Vaca Dixon Power Center Project Technical Staff: A. Greenberg, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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) (11) (A)	A description of the safety training programs that will be required for construction and operation personnel.	TN 268156-1, Section 5.10.2.4	No	See DR WS-2 to DR WS-4
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	TN 268145, Section 2.1.9 to 2.1.12; TN 268156-2, Section 5.9.1.3; TN 268156-1, Section 5.10.2.4 and Figure 5.10-1; TN 268173-3 Appendix T; TN 268171-1 Appendix U; TN 268171-2 Appendix V; TN 268171-3 Appendix W	No	See DR WS-13 to DR WS-17, DR WS-18 to DR WS-19, and DR WS-20 to DR WS-22
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: • Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	TN 268156-1, Subsection 5.10.2.4	Yes	
	• Fire Protection and Prevention Plan (8 Cal. Code Regs., section 1920);	TN 268156-1, Subsection 5.10.2.4	No	See DR WS-17

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Worker Safety** Project: Vaca Dixon Power Center Project Technical Staff: A. Greenberg, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	• Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	TN 268156-1, Subsection 5.10.2.4	Yes	
	Operation Health and Safety Program: • Injury and Illness Prevention Program (8 Cal. Code Regs., §3203);	TN 268156-1, Subsection 5.10.2.4	Yes	
	• Fire Prevention Plan (8 Cal. Code Regs., § 3221);	TN 268156-1, Subsection 5.10.2.4	No	See DR WS-17
	• Emergency Action Plan (8 Cal. Code Regs., § 3220);	TN 268156-1, Subsection 5.10.2.4; TN 268170-3 Appendix S	No	See DR WS-3
	• Personal Protective Equipment Program (8 Cal. Code Regs., §§3401-3411).	TN 268156-1, Subsection 5.10.2.4	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	TN 268156-1, Table 5.10-5	No	See DR WS-1
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce	TN 268156-1, Table 5.10-7	Yes	

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete **X** Revision No. 0 Date: February 2026

Technical Area: **Worker Safety** Project: Vaca Dixon Power Center Project Technical Staff: A. Greenberg, M. Shi

Project Manager: R. Longman Docket: 26-OPT-01 Technical Senior: B. Fooks

SITING REGULATIONS	INFORMATION	APPLICATION TN NUMBER AND SECTION 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.			
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.	TN 268156-1, Table 5.10-6	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.	TN 268156-1, Table 5.10-7	Yes	

Attachment B

Data Requests

ATTACHMENT B
CEC DATA REQUESTS

AIR QUALITY

Section 5.7, Air Quality, page 5.7-18 (TN 268154) states that analysis is not intended to include the operation of permitted emergency back-up generators; however, if one is used, it would be regulated under Yolo-Solano Air Quality Management District (YSAQMD) permitting regulations, which require emissions to be at levels that would not expose sensitive receptors to a substantial health risk. The applicant needs to get approval from CEC before the planned use of any emergency back-up generators. Staff requests confirmation on whether an emergency diesel generator would be used and, if so, additional detailed information regarding its use.

DR AQ-1. If the emergency diesel generator is planned for use, please provide the manufacturer's specification sheets. The specification sheets must include engine power (brake horsepower), emission rates, exhaust parameters, and the engine's emissions tier.

DR AQ-2. If the emergency diesel generator is planned for use, please update the CalEEMod, AERMOD operational-phase modeling results, health risk assessment (HRA) results, and provide the calculation sheet and the revised modeling files as well.

DR AQ-3. If the emergency diesel generator is planned for use, please clarify whether an SCR system would be used to decrease the NOx emissions of the emergency diesel generator. If yes, please provide the project's estimated ammonia emissions in pounds per day and tons per year.

In Section 5.7.5, Table 5.7-11, the applicant states that the project would implement required best management practices (BMPs) and may implement other recommended BMPs to reduce construction emissions. However, the BMPs for reducing fugitive dust emissions are not included.

DR AQ-4. Please provide the applicable fugitive dust BMPs consistent with the Solano County General Plan and the YSAQMD Handbook for Assessing and Mitigating Air Quality Impacts.

ALTERNATIVES

California Code of Regulations, Title 20, Appendix B (f) (1) requires that in accordance with Public Resources Code Section 25540.6(b), the application shall include 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. California Code of Regulations, Title 20, Appendix B (f) (2) also requires the application to evaluate the comparative engineering, economic, and environmental merits of the alternatives discussed in (f) (1).

Application Section 6 (TN 268148), Alternatives, identifies three alternatives sites that were dismissed by the applicant from further analysis. These three alternative sites were identified by the City of Vacaville as potential locations for BESS facilities during a community meeting held by the City on October 22, 2025 (TN 268148). According to the City of Vacaville's Planning and Development webpage, one of the sites (Assessor's Parcel Number [APN] 0106280020) was originally considered for the Menard Energy Storage project in 2023 (https://www.cityofvacaville.gov/residents/talk-of-the-town/battery-energy-storage-systems). The remaining two sites (APNs 0138020080 and 0142050020; APN 0142200040) were dismissed by the applicant from further analysis because they would require an approximately 4-mile-long electric transmission generation-intertie line (gen-tie). However, staff does not consider a 4-mile-long gen-tie as infeasible, particularly if the longer gen-tie line allows for development of a site that has fewer impacts to sensitive resources such as residences, biological resources, and cultural resources. To satisfy the requirements of Public Resources Code Section 25540.6(b), staff requests further information on the alternative sites identified by the City of Vacaville.

DR ALT-1. Per California Code of Regulations, Title 20, Appendix B (f) (1) and Appendix B (f) (2), please provide the following:

a. Please explain why the City of Vacaville identified the three sites shown in application Figure 6-1 (TN 268148) as preferred locations for BESS. Include any information provided by the City regarding these three sites, including anything relevant to surrounding land uses, land use and zoning designations, and City plans for BESS siting in these areas.

b. For the two alternative sites south of I-80 (APNs 0138020080 and 0142050020; APN 0142200040) that are identified in

application Figure 6-1 (TN 268148), provide a discussion of the potential feasibility of each site to support the proposed project (e.g., zoning combability, available acreage, topography, proximity to transmission corridors, etc.). If a site is considered to be infeasible, provide an explanation of the specific reason for elimination (e.g., zoning incompatibility, sensitive biological or cultural resources, hazards, any engineering obstacles, etc.).

c. Provide a description and a map (preferably with a KMZ file provided) of alternative gen-tie routes to correspond with the two alternative sites south of I-80 that are identified in application Figure 6-1 (TN 268148). In the description of the alternative gen-tie routes, please provide information on right-of-way width required, land use and zoning designations, parcel ownership/easement lease options, and adjacent land uses. If no such route was found to be feasible, please provide details on the justifications for the infeasibility conclusion (e.g., major highway crossings, geologic hazards, sensitive biological or cultural resources, etc.).

Per CEQA Guidelines Section 15126.6(a), an EIR must consider a reasonable range of potentially feasible alternatives to the project that would feasibly attain most of the basic project objectives of the project but would avoid or substantially lessen any of the significant effects of the project.

Application Section 6.4.2 (TN 268148) identifies an alternative site (Quinn Road Site) that would be immediately adjacent to Vaca-Dixon Substation and would avoid construction of a gen-tie line across I-80. The application includes a site plan for the Quinn Road Site (TN 268148, Figure 6-3), which suggests that this alternative would be feasible. However, Section 6.4.2 of the application states, "…[t]he Applicants have attempted to gain site control; however, at the time of the submittal of this application, such attempts have been unsuccessful" (TN 268148). To assist with determining the feasibility of the Quinn Road Site as an alternative to the project site, staff requests further information on the applicant's communications with the site owner (i.e., Pacific Gas and Electric Company [PG&E]) and any updated and/or recent attempts to discuss the site's potential feasibility.

DR ALT-2. Provide information on the applicant's previous attempts to gain site control of the Quinn Road Site. At a minimum,

include a summary of negotiations between the applicant and the current landowner, and detail the reasons the site owner has rejected the applicant's attempts to gain site control (either through purchase or lease) of the Quinn Road Site. According to application Section 6.4.2 (TN 268148), the Quinn Road Site (APN 0133060070) is owned by PG&E. If PG&E has a compelling engineering feasibility issue that would prevent siting the project at this location, please enumerate those infeasibility issues in detail.

BIOLOGICAL RESOURCES

The applicant's biologists conducted multiple surveys to support the Biological Resources Technical Study. Table 1 includes a brief statement on the surveyors' qualifications (TN 268158); however, with some exceptions, there is not enough information provided to determine the biologists' qualifications to conduct surveys.

DR BIO-1. Please provide resumes for all personnel who conducted biological resources surveys in support of the application, including experience conducting habitat assessments, species surveys, and aquatic delineations. The resumes should indicate the amount of time spent performing species-specific surveys or monitoring (e.g., hours or days), and references (i.e., contact information for individual(s) that can verify the experience in question and the total time served on each project, who are not employed with the same organization the surveyor currently works for).

California Code of Regulations, title 20, section 1704 (a) (3) (C) requires that the application include a list of all literature relied upon or referenced in the document. Several links provided as references for the Biological Resources section or appendices are not functional.

DR BIO-2. Per California Code of Regulations, section 1704, (a) (3) (C), please provide working links to the Solano County General Plan, 2008, cited in Section 5-12 (TN 268158) and Appendix Y (TN 268172-1), and the Arid West 2020 Regional Wetland Plant List, 2020, cited in Section 5-12 (TN 268158).

The California Natural Diversity Database (CNDDB) includes 68 records of Swainson's hawk (*Buteo swanisoni*), listed as threatened under the California Endangered Species Act (CESA), within 5 miles of the project site. The closest nesting record is approximately 0.3 miles west of the

project. Swainson's hawk was observed in the Biological Study Area (BSA) during surveys and Section 5.12 states that the species is assumed to be present (TN 268158 and TN 268172-1). However, it is unclear if the project applicant is seeking in-lieu take authorization for Swainson's hawk.

> **DR BIO-3.** Please state whether the project will or will not seek in-lieu take authorization under CESA through the CEC's in lieu permitting authority for Swainson's hawk. If seeking take authorization, please provide all the information required in California Code of Regulations, title 14, section 783.2(a) (1) (a) (10).

The CNDDB includes 80 records of western burrowing owl (*Athene cunicularia hypugaea*), a candidate species under CESA, within 5 miles of the project site. The closest record is approximately 1 mile west of the project. Furthermore, suitable habitat for burrowing owl was observed on the northern BSA) and some areas adjacent to the southern BSA. However, it is unclear if the project applicant is seeking in-lieu take authorization for western burrowing owl. CEC staff and CDFW are concerned that proposed mitigation measures are not sufficient to fully avoid take of western burrowing owl if the species is present within the project area and project activities result in the take of the species; therefore, CEC staff and CDFW recommend that the project applicant seek take coverage for western burrowing owl

> **DR BIO-4.** Please state whether the project will or will not seek in-lieu take authorization under CESA through the CEC's in lieu permitting authority for western burrowing owl. If seeking take authorization, please provide all the information required in California Code of Regulations, title 14, section 783.2(a)(1)(a)(10).

The CNDDB includes two records of Crotch's bumble bee (*Bombus crotchii*) within 5 miles of the project site. The closest record is approximately 9 miles southwest of the project. CEC staff notes that prior to Crotch's bumble bee becoming a candidate for protection under CESA in 2019, that relatively few surveys targeting this species have been conducted, and due to being a positive detection database, the CNDDB should not be used as sole evidence that a species does not exist at any given site. The Biological Resources Technical Study states that Crotch's bumble bee was determined by the applicant to have a low potential to occur on the northern BSA and is not expected

to occur in the southern BSA. Since protocol surveys were only implemented in the southern BSA, and habitat elements including floral resources and suitable nesting and overwintering habitat were identified in the northern BSA, there is potential for Crotch's bumble bee to occur in the northern BSA. Due to the species' small size and cryptic nature, CEC staff and CDFW are concerned that the proposed mitigation measures are not sufficient to fully avoid take of Crotch's bumble bee if the species is present within the project area. Staff and CDFW therefore recommend that the applicant seek take coverage for Crotch's bumble bee under the CEC's in lieu permitting authority, if project activities could result in take of the species.

DR BIO-5. Please state whether the project will or will not seek in-lieu take authorization under CESA through the CEC's in lieu permitting authority for Crotch's bumble bee. If seeking take authorization, please provide all the information required in California Code of Regulations, title 14, section 783.2(a)(1)(a)(10).

The project footprint appears to intersect with three water features which are subject to Fish and Game Code, section 1602 et seq., identified as "Swale", "Agricultural Ditch 2", and "Agricultural Ditch 3" (TN 268158). Additionally, CEC staff and CDFW are concerned that activities such as grading, excavation, or stockpiling materials conducted near a stream may have the potential to adversely affect fish and wildlife resources.

DR BIO-6. Please provide a detailed description of all project activities planned within at least 150 feet of all streams, drainages, channels and associated riparian or wetland habitat within the project area

DR BIO-7. Please state whether the project will or will not seek in-lieu authorization equivalent to a Lake and Streambed Alteration Agreement through the CEC's in lieu permitting authority. If seeking in-lieu authorization, provide the information required in California Fish and Game Code, section 1602(a)(1)(A)-(F).

The applicant's biologists conducted surveys for western burrowing owls, Crotch's bumble bee, and rare plants; however, the surveys did not include the northern portion of the gen-tie line corridors. Western burrowing owl surveys did not include the recommended 1,640-foot buffer around the project (CDFW 2012). In addition, rare plant surveys should also be conducted within the appropriate blooming period for

all species evaluated. If the absence of any species cannot be confirmed through appropriate surveys, the species should be considered present and potentially impacted by project activities.

DR BIO-8. Please provide complete protocol-level survey reports for western burrowing owl, Crotch's bumble bee, and rare plants, including coverage of the gen-tie route. The survey for western burrowing owl should include a 1,640-foot buffer around all project components (CDFW 2012). Other surveys should include up to a 250-foot buffer, depending on site access and existing development (e.g. paved roads and other developed areas). As staff has not received all relevant survey data for these species, additional data requests may be required upon receipt of the requested information.

The application does not include a detailed project description for the two separate gen-tie lines (a 13.8 kV line serving the Vaca Dixon BESS and a 115 kV line serving the Arges BESS), acreage of impacts, or maps of impacts. These data are necessary to determine the type and level of impact the project would have upon biological resources.

DR BIO-9. Please provide a map and GIS data showing the maximal extent of both permanent and temporary impacts associated with construction of the two gen-tie lines, including but not limited to access roads, pull sites, lay-down yards, and permanently graded tower pads.

DR BIO-10. Provide the total acreage of both permanent and temporary impacts associated with construction of the two gen-tie lines.

DR BIO-11. Provide a narrative describing the process of gen-tie line construction including equipment to be used during construction.

The application does not provide the area of each vegetation community that would be removed during project construction. This data is necessary to determine the extent and level of impact the project would have upon biological resources.

DR BIO-12. Provide a table listing the specific acreage of permanent and temporary impacts proposed to result from the project to each of the vegetation community/land cover types

shown in Table 5.12-1.

The application does not address the two ponds that are within 1,000 feet of the gen-tie corridor which may provide habitat for California tiger salamander (*Ambystoma californiense*), listed as threatened under CESA and the federal Endangered Species Act (ESA), as well as other aquatic species.

DR BIO-13. Please provide a discussion of the biological resources potentially occurring at the ponds located approximately 220 feet west of the north-south gen-tie corridor and approximately 850 feet north of the east-west gen-tie corridor, particularly their suitability for California tiger salamander and any sampling that has been conducted.

Survey data was provided via Kiteworks; however, not all survey data was included in the GIS data provided. In Section 5.12.1.3 of the application, the applicant included Figure 5.12-7, which depicted water features which were not included in the data. In addition, in Section 5.12.1.2 of the application, the applicant included Figure 5.12-5 which depicts survey areas which were not included in the GIS data.

DR BIO-14. Provide GIS data for the water features as shown in Figure 5.12-4a and for survey areas as shown in Figure 5.12-5.

As described in Section 5.12.1.3 and Appendix Y.K of the application, western burrowing owl were identified as having a low potential to occur on the project site. However, Section 5.12.3.2 of the application under "Impact BIO-1" does not include an evaluation of project impacts upon this species, as required the CEQA Environmental Checklist (Appendix G of the CEQA Guidelines) for species identified as candidate, sensitive, or special-status. Similarly, the application does not contain mitigation measures designed to avoid impacts to western burrowing owl (TN 268158). Species with a low potential to occur still require appropriate mitigation measures when project activities could result in habitat disturbance or other impacts, and may result in take of this species such as direct mortality.

DR BIO-15. Please clarify how it was determined that the potential for western burrowing owl to inhabit the northern BSA was low.

DR BIO-16. Provide a discussion of potential project impacts to

western burrowing owl. This discussion should be informed by protocol-level surveys covering the entire project site and gen-tie corridor plus a 1,640-foot radius (CDFG 2012).

DR BIO-17. Provide a discussion of proposed mitigation measures which would reduce impacts to western burrowing owl to a level of less than significant, and which would fully avoid impacts if the project does not seek take authorization.

The Biological Resources Technical Study states that Crotch's bumble bee (*Bombus crotchii*) was determined to have a low potential to occur on the northern BSA and is not expected to occur in the southern BSA. Since protocol surveys were only implemented in the southern BSA, and habitat elements including floral resources and nesting and overwintering habitat were identified in the northern BSA, it is not clear how it was determined that the potential for Crotch's bumble bee to occupy the northern BSA is low. As discussed above, species with a low potential to occur still require appropriate mitigation measures when project activities could result in habitat disturbance or other impacts such as direct mortality.

DR BIO-18. Clarify how it was determined that the potential for Crotch's bumble bee to inhabit the northern BSA was low. Provide a discussion of potential project impacts to Crotch's bumble bee. This discussion should be informed by a protocol-level survey covering the entire project site and gen-tie line corridor plus an appropriate survey radius.

DR BIO-19. Provide a discussion of proposed mitigation measures which would reduce impacts to Crotch's bumble bee to a level of less than significant, and which would fully avoid impacts if the project does not seek take authorization.

The Special-Status Species Evaluation Table included as Appendix Y.K of the application describes western pond turtle as not expected to occur on the project site (TN 268172-3); however, there are 22 confirmed occurrences of western pond turtle mapped in CNDDB within 10 miles of the project site. Several of the occurrences are on streams or canals hydrologically linked to streams or canals adjacent to the project site. For example, western pond turtles occur in Sweany Creek approximately three miles east-northeast of the project site, and may disperse from this known location to Agricultural Ditch 2 or Agricultural Ditch 3, which are adjacent to the project site; or to

Gibson Canyon Creek, approximately 750 feet north of the gen-tie line; or down the mapped swale when wet, which crosses the gen-tie alignment. In addition, there are two ponds, one approximately 180 feet west of the gen-tie alignment and one approximately 850 feet north of the gen-tie alignment, which may provide suitable habitat for western pond turtle.

DR BIO-20. Please revise Appendix Y.K for western pond turtle, which may be inappropriately listed as not expected in the biological study area (BSA). Describe which criteria are used to support a determination of not expected for western pond turtle, including an explanation of why the habitat on-site is not suitable. Please submit a clean and redline and strikethrough version of the revised table.

DR BIO-21. Provide a discussion of potential project impacts to western pond turtle.

DR BIO-22. Provide a discussion of proposed mitigation measures which would reduce impacts to western pond turtle to a level of less than significant.

The Special-Status Species Evaluation Table included as Appendix Y.K of the application describes western spadefoot (*Spea hammondii*) as not expected to occur with the explanation that the seasonal wetlands on-site do not hold water long enough to support the species. However, according to the branchiopod survey results (TN268172-2), the on-site swale was observed to hold water for over 90 days. Western spadefoot larval development from hatching to metamorphosis can take place in as little as 30 days (Morey and Reznick, 2004).

DR BIO-23. Please revise Appendix Y.K for western spadefoot, which may be inappropriately listed as not expected in the biological study area (BSA). Describe which criteria are used to support a determination of not expected for western spadefoot, including an explanation of why the habitat on-site is not suitable. Please submit a clean and redline and strikethrough version of the revised table.

DR BIO-24. Provide a discussion of potential project impacts to western spadefoot.

DR BIO-25. Provide a discussion of proposed mitigation measures which would reduce impacts to western spadefoot to a level of less than significant.

The Special-Status Species Evaluation Table included as Appendix Y.K of the application describes western red bat (*Lasiurus frantzii*) as not expected to occur based on lack of roosting habitat, however this species may roost in tree foliage, including small trees and orchards.

DR BIO-26. Please revise Appendix Y.K for western red bat, which may be inappropriately listed as not expected in the biological study area (BSA). Please submit a clean
and redline and strikethrough version of the revised table.

DR BIO-27. Provide a discussion of potential project impacts to western red bat.

DR BIO-28. Provide a discussion of all proposed mitigation measures which would reduce impacts to western spadefoot to a level of less than significant.

In the application, several rare plants are categorized as "Not Expected" within the BSA (TN 268172-3). Species which are not expected to be present in the BSA are defined as those for which the habitat is clearly unsuitable for the species or those for which the species would be clearly identifiable if present (TN 268158). Many of these taxa are improperly categorized as "Not Expected" based on selective application of habitat requirements, incomplete habitat descriptions, use of CNDDB to presume species absence, or use of a rare plant survey that appears not to have covered the full project impact area.

The Special-Status Species Evaluation Table included as Appendix Y.K of the application lists the habitat requirements of each species known to occur within 10 miles of the BSA. In several cases this list includes several distinct types of habitat in which the species may be found, then uses the lack of some, but not all, of these habitat types to support a determination that the species is not expected to occur in the BSA. For example, the habitat requirements for heartscale (*Atriplex cordulata* var. *cordulata*) are listed as "Chenopod scrub, meadows and seeps, valley and foothill grassland, wetlands. Alkaline (sometimes)", indicating that the species may exist within these habitats; sometimes in alkaline soils (TN 268172-3). The habitat suitability section of

Appendix Y.K for heartscale states that "No suitable chenopod scrub, or meadows and seeps present within the BSA. Marginally grassland [sic] habitat and seasonal wetlands are present" (TN 268172-3). The absence of chenopod scrub, meadows, and seeps is good data but does not rule out the presence of heartscale.

In some cases, the habitat description of plants is lacking relevant information. For example, the habitat requirements entry for dwarf downingia (*Downingia pusilla*) is listed as "Chenopod scrub, cismontane woodland, valley and foothill grassland. Alkaline." (TN 268172-3), however the Jepson Herbarium lists the habitat as including "roadside ditches" (Jepson 2026), meaning it may occur in the BSA.

In addition, Appendix Y.K describes all occurrences of heartscale with 10 miles of the BSA as "historical", however two of the occurrences are listed in CNDDB as "extant" and are on land that has not been developed, indicating that these populations of plants likely still exist (CNDDB 2026).

CNDDB is a positive sighting database and only rarely includes information on negative sightings. There are circumstances where sensitive species may be present in an area but there are not entries in CNDDB, (e.g. areas that have not been surveyed or where data has not been submitted to CNDDB). The absence of a species in CNDDB in a specific area cannot be considered proof of absence.

The rare plant survey does not appear to cover the full extent of disturbance related to gen-tie line construction, however Appendix Y.K states that no plant species were detected during the during the 2023 rare plant survey and uses this lack of detection to support a determination that the species is not likely to occur (TN 268172-3). This determination is not appropriate, as the rare plant survey did not cover the northern portion of the gen-tie line corridor.

In addition, the rare plant survey was also conducted on April 24, 2023, which is outside the blooming period of some species which may occur, such as pappose tarplant (*Centromadia parryi* ssp. *parryi*).

The application also states that the "Project Site has been significantly disturbed by routine mowing, human presence, development, and active agriculture likely maintained with pesticides and/or herbicides, all of which decreases the likelihood of special-status plant species

inhabiting the area" (TN 268158). Staff agree that the presence of special-status plants is unlikely on the proposed site of the BESS facility. However, mowing, human presence, and possible herbicide use in the gen-tie corridor does not rule out the presence of special-status plants in this area.

Based on the information above, the designation of heartscale as "not expected to occur", as noted in Appendix Y.K, relies on a habitat description that includes habitat types within the BSA, a lack of CNDDB occurrences, lack of observations during a survey which appears not to have covered the full impact area, and a moderate level of mowing and other disturbance in the gen-tie line corridor. Given these factors, staff concludes that the species' presence cannot be definitively ruled out. Several other plant taxa are similarly described as "not expected to occur" when the possibility of these plants being present has not been definitively ruled out.

DR BIO-29. Please revise the Special-Status Species Evaluation Table included as Appendix Y.K for the following species, which may be inappropriately listed as not expected in the biological study area (BSA). Describe which criteria are used to support a determination of not expected for all species, including an explanation of why the habitat on-site is not suitable. Please submit a clean and redline and strikethrough version of the revised table.

a. Ferris' milk-vetch (*Astragalus tener* var. *ferrisiae*)
b. Alkali milk-vetch (*Astragalus tener* var. *tener*)
c. Heartscale (*Atriplex cordulata*)
d. Brittlescale (*Atriplex depressa*)
e. Pappose tarplant (*Centromadia parryi* ssp. *parryi*)
f. Hispid salty bird's-beak (*Chloropyron molle* ssp. *hispidum)*
g. Recurved larkspur *(Delphinium recurvatum*)
h. Dwarf downingia (*Downingia pusilla*)
i. San Joaquin spearscale (*Extriplex joaquinana*)
j. Fragrant fritillary (*Fritillaria liliacea*)
k. Carquinez goldenbush (*Isocoma arguta*)
l. Heckard's pepper-grass (*Lepidium latipes* var. *heckardii*)
m. California alkali grass (*Puccinellia simplex)*

n. Two-fork clover (*Trifolium amoenum*)

o. Saline clover (*Trifolium hydrophilum*)

p. Crampton's tuctoria/Solano grass (*Tuctoria mucronata*)

DR BIO-30. Please provide discussion of potential project impacts to rare plants which may be impacted by the project.

DR BIO-31. Please provide a discussion of proposed mitigation measures which would reduce impacts to rare plants which may be impacted by the project to a level of less than significant.

The rare plant survey is not listed in Table 5.12-2, Summary of Field Surveys (Rincon 2026t)

DR BIO-32. For clarity in the public record, please include the rare plant survey in a revised Table 5.12-2.

Construction of the gen-tie line would likely cause loss of habitat for burrowing owl and loss of foraging habitat for Swainson's hawk. Per Appendix B (g)(13)(F)(ii), the application is required to include discussion of off-site habitat mitigation, if appropriate.

DR BIO-33. Provide a discussion of proposed off-site habitat mitigation for burrowing owl and Swainson's hawk to reduce impacts to these species' habitat to a level of less than significant.

The application does not include copies of any preliminary correspondence between the project applicant and state and federal resource agencies, as required by Appendix B (g)(13)(H).

DR BIO-34. Provide copies of any initial correspondence with state and federal resource agencies, including but not limited the Central Valley Regional Water Quality Control Board (RWQCB).

CULTURAL AND TRIBAL CULTURAL RESOURCES

DR CUL/TRI-1. Subsection 5.1.1.3 (Ethnographic Setting) does not emphasize the ethnographic setting within 5 miles of the proposed project, as required by Appendix B (g) (2) (a). Although Subsection 5.1.1.3 correctly identifies the Patwin as the aboriginal inhabitants of the project vicinity, it fails to mention that a prominent Patwin village, Ululato, was located about 5 miles from the project site (see Johnson 1978, Figure 1). Please revisit the

sources cited in Subsection 5.1.1.3 and summarize ethnographic information relevant to a 5-mile radius from the proposed project.

DR CUL/TRI-2. The application does not address the potential for tribal cultural resources to occur within the project area in the regional summary as required by Appendix B (g) (2) (a). Although CEQA lead agencies are ultimately responsible for determining whether a proposed project would cause impacts to tribal cultural resources (as Section 5.3.1.2 of the application states), this does not preclude attempts by others to assess the potential for tribal cultural resources to occur in a project area. Moreover, CEQA provides sufficient definitions for what kinds of resources may constitute a tribal cultural resource at Public Resources Code, sections 21074(a)(1) and 21074(b)–(c). Please add a discussion of the potential for tribal cultural resources to occur within the project area.

DR CUL/TRI-3. The intensive pedestrian survey boundaries are unclear in the Confidential Cultural Resources study (Campbell-King et al. 2025). Please provide a figure depicting the archaeological survey coverage of the project area and survey buffers as required by Appendix B (g) (2) (C). In accordance with the guidance from OHP (1990, p. 10) specified by Appendix B (g) (2) (C), please use the Allendale, California, topographic quadrangle for the base map and set the scale at 1:24,000. Supply supplementary figures if 1:24,000 scale does not permit clear delineation of survey boundaries, project boundaries, and survey strategy.

DR CUL/TRI-4. A copy of the applicant's request to the Native American Heritage Commission (NAHC), and any written or oral responses were not included in the technical study. Please provide the NAHC request and any written or oral responses as required by Appendix B (g) (2) (D) (i), Appendix B (g) (2) (D) (ii) and Appendix B (g) (2) (D) (iii).

DR CUL/TRI-5. The application does not present a table that identifies each agency with jurisdiction present in the project area as required by Appendix B (i) (1) (B). Please add a table that identifies each agency with jurisdiction present in the project area.

DR CUL/TRI-6. The applicant's Confidential Cultural Resources study (Campbell-King et al. 2025) does not include copies of Department of Parks and Recreation (DPR) 523 forms for resources

identified in **DR CUL/TRI - 9** in accordance with Appendix B (g) (2) (C) and Appendix B (g) (2) (C) (iii). Please provide all missing forms and a list of all DPR 523 prepared for and included in Appendix C of the technical report for clarity.

DR CUL/TRI-7. The Confidential Cultural Resources study (Campbell-King et al. 2025) does not include a copy of Appendix D. In addition, the document referenced, the Cultural Resources Inventory Report for the Corby Battery Energy Storage System Project in Solano County, California (ICF 2024), has been updated and replaced by a February 2025 Cultural Resources Inventory Report for the Corby Battery Energy Storage System Project in Solano County, California. This report and confidential appendices are on file at CEC Cultural Resources Unit as DayZenLLC 2025e – DayZenLLC (TN 263360). NextEra Repeated Request For Confidentiality - Corby BESS Updated Cultural Resources Report. Docketed May 27, 2025. Please update all findings accordingly.

DR CUL/TRI-8. The Confidential Cultural Resources study (Campbell-King et al. 2025) refers to a residence at 5310 Kilkenny Road as not eligible to the CRHR under Status Code 6Z. This finding has been updated by CEC staff in a DR 523 Update as eligible to the CRHR in accordance with Status Code 3CS. This DPR 523 Update is on file at CEC Cultural Resources Unit. Please revise and update the current cultural resource technical study.

DR CUL/TRI-9. Preliminary research conducted by CEC staff suggests that select 45+ year old built environment features, primarily linear features, were not identified during the field surveys presented in Confidential Cultural Resources study (Campbell-King et al. 2025) as required by Appendix B (g) (2) (C). If any of these features are confirmed to be 45+ years in age, please conduct additional architectural surveys, add them to the Cultural Resources Study, record them on the appropriate DPR 523 forms as necessary, and evaluate them for significance under the California Environmental Quality Act (CEQA). ICF CB #'s referenced below refer to ID numbers assigned by ICF in the updated February 2025 Cultural Resources Inventory Report for the Corby Battery Energy Storage System Project in Solano County, California. As noted in **DR CUL/TRI-11**, this report is on file at CEC Cultural Resources Unit. Linear features not included in the Confidential

Cultural Resources study (Campbell-King et al. 2025) include but are not limited to the following.

- Byrnes Road (ICF – CB 17)
- Weber Road (ICF - CB 18)
- N. Meridian Road (ICF - CB 20)
- Kilkenny Road (ICF - CB 19)
- Quinn Road – North of and parallel to I-80 Freeway
- Ellsworth Road
- Willow Road
- Solano Irrigation District Lateral 4-C (ICF - CB 16)
- Solano Irrigation District Lateral 4-D (ICF - CB 25)
- Irrigation Channel at N. Meridian (ICF –CB 23)
- Irrigation Channel At Mills Lane (ICF – CB 27)
- Irrigation Channel West of Vaca-Dixon Substation (ICF - CB 24)

DR CUL/TRI-10. Based on a Google Earth review of the Cultural Resources Study Area (CRSA) map depicted as Figure 3 of the Confidential Cultural Resources study (Campbell-King et al. 2025), CEC staff believe that additional non-linear 45+ year old buildings and structures may be present within the existing CRSA and/or within a newly defined Built Environment Study Area. By way of example, Parcel 12, a consultant designator for multiple Solano County assessor parcels, is identified as having been surveyed. However, a Google Earth review of this parcel depicts a small building is located in the extreme southeast corner of the parcel. This building appears on various historic aerials. This building may be associated with the former Gibson Canyon Creek Wastewater Treatment Plant, which is recommended as not eligible to the NRHP and CRHR, but a DPR 523 form or discussion of this building was not located for this building feature in TN12449 (Confidential Appendix F). Please resurvey this parcel and others as necessary following consultation of historic aerials for the CRSA.

DR CUL/TRI-11. Multiple properties within the CRSA less than 45 years in age were apparently surveyed although no specific documentation or evaluations are provided regarding these properties apart from a statement that none are of exceptional

significance. Please provide a table with address and parcel numbers for these properties so that conformance with Appendix B (g) (2) (C) can be confirmed.

DR CUL/TRI-12. After consulting the updated February 2025 Cultural Resources Inventory Report for the Corby Battery Energy Storage System Project in Solano County, California (**DR CUL/TRI-8)**, and conducting new surveys as necessary (**DR CUL/TRI-9** and **DR CUL/TRI-10**), please include a updated map in accordance with Appendix B (g) (2) (C) (iv) 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 in accordance with Appendix B (g) (2) (C).

EXECUTIVE SUMMARY

California Code of Regulations, title 20, division 2, chapter 5, appendix B requires 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. The color simulations provided in application Section 5-5 Visual Resources (TN 268152) are from a long distance.

DR ES-1. Please provide a full-page color photographic reproduction depicting the visual appearance of the Vaca Dixon BESS and Arges BESS site prior to construction, and a full-page color simulation of the site, after construction. These documents should clearly show the project site, including all main project components before and after, from a close vantage point. An aerial or "bird's eye view" is recommended.

GREENHOUSE GAS EMISSIONS (CLIMATE CHANGE)

Staff needs to better understand the direct and indirect GHG emissions associated with the battery energy storage system (BESS). Since battery performance degrades over time and gradually decreases round-trip efficiency, staff expects that battery augmentation would be performed to offset battery degradation and to maintain project performance commitments, leading to an increase in auxiliary loads. Staff needs to determine the total number of battery enclosures by the midpoint of the project's life cycle.

Staff will also need the annual indirect GHG emissions associated with energy losses due to transmission and charging/discharging cycle losses, as well as annual indirect GHG emissions due to auxiliary loads for both the beginning (year 1) and midpoint of the project life (year 17 assuming a 35-year project life, as stated in Section 5.7.3.1 of the Opt-In Application (TN 268154). Additionally, if grid power is used to charge the BESS, staff needs to know the indirect GHG emissions associated with charging from the electrical grid and the carbon intensity value used to derive the indirect GHG emissions associated with grid charging.

Staff needs the spreadsheet file(s) of the emissions calculations with live, embedded calculations to complete the analysis.

DR GHG-1. Please estimate the annual indirect GHG emissions (metric tons of CO_2e) resulting from energy losses due to transmission and charging/discharging cycles. Please include assumptions that account for the degradation of round-trip efficiency over the project lifetime in the calculation of indirect GHG emissions.

DR GHG-2. Please estimate the annual indirect GHG emissions (metric tons of CO_2e) from auxiliary loads, such as BESS cooling. Please include assumptions that account for the BESS efficiency degradation over the project lifetime in the calculation of indirect GHG emissions.

DR GHG-3. If the BESS would be charged by the grid, please calculate the indirect GHG emissions associated with charging from the grid and displaced GHG emissions with discharging to the grid. Provide assumptions for the number of hours annually that the BESS could be charged by the grid, the GHG emission intensity factor from the electrical grid during charging and discharging considering carbon neutrality by 2045, and the efficiency degradation over the project lifetime in the calculation of indirect GHG emissions.

DR GHG-4. Please provide a copy of the spreadsheet file(s) containing the emissions calculations performed for **DR GHG-1**, **DR GHG-2**, and **DR GHG-3** with live, embedded calculations.

Section 5.7, Air Quality, page 5.7-18 states that analysis is not intended to include the operation of permitted emergency back-up

generators; however, if one is used, it would be regulated under Yolo-Solano Air Quality Management District (YSAQMD) permitting regulations, which require emissions to be at levels that would not expose sensitive receptors to a substantial health risk. According to Appendix G of the CEQA Guidelines (Cal. Code Regs. tit. 14, § Div. 6 Ch. 3 App. G) a project cannot conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases (GHGs). In addition, according to Pub. Resources Code § 21183.6(a)(2), the applicant needs to demonstrate mitigation of the impacts resulting from GHG emissions. Staff needs more details on how the project would reduce GHG emissions, especially as it relates to the diesel-fueled emergency backup generators (backup generators) if proposed as part of the project.

DR GHG-5. If any emergency diesel generator is planned for use, what other technologies or fuel alternatives to diesel for the backup generators would be explored and why would they not be pursued?

DR GHG-6. Would the project applicant explore the procurement of renewable diesel and/or carbon offsets as a means of demonstrating consistency with the State of California's goal of carbon neutrality? If not, why not?

According to the Regulation for Reducing Greenhouse Gas Emissions from Gas-Insulated Equipment (California Code of Regulations, title 17, sections 95350 through 95359.1) starting on the applicable phase-out dates, no person may acquire SF_6 gas-insulated equipment (GIE) for use in California unless certain provisions are met.

DR GHG-7. Please describe how the project would comply with the SF_6 phase-out provisions.

In the Opt-In Application (TN 268154), the mitigation measures addressing construction-related GHG emissions in the YSAQMD Handbook for Assessing and Mitigating Air Quality Impacts are not included.

DR GHG-8. Please include the applicable mitigation measures for Construction-Related GHG Emissions from the YSAQMD Handbook for Assessing and Mitigating Air Quality Impacts.

To help meet hydrofluorocarbon (HFC) reduction goals, in 2018 the California Air Resources Board adopted HFC prohibitions, which restricted the manufacture and sale of certain HFCs. These HFC prohibitions (previously Cal. Code Regs., tit. 17, §§ 95371- 95377) were later consolidated with an adjacent HFC-regulating statute (SB 1013, Health and Saf. Code § 39734) in 2020. Section 95375(c)(1) of the new and now current HFC prohibition regulation (now Cal. Code Regs., tit. 17, §§ 95371-95378) states that no person shall sell, lease, rent, install, use, or otherwise enter into commerce in the State of California any end-use equipment or product manufactured after the effective date that does not comply with Table 3 of section 95374(c), with exceptions stated under section 95375(c)(2).

Sections 5.14.1 of Appendix B (CalEEMod Output Files) of the Air Quality and Greenhouse Gas Study (Appendix R, TN 268170-1), shows that the applicant used the CalEEMod default refrigerant (R-404A) for the land use subtype "refrigerated warehouse-no rail." However, Table 3 of Cal. Code Regs., tit. 17, section 95374(c) states that BESS cooling systems fall under the "Chillers-Industrial Process Refrigeration" specific end-use and would be prohibited from using refrigerants with a 100-year global warming potential (GWP) greater than 750 to 2,200 after January 1, 2024, with the specific GWP restriction depending on the temperature at which the chilled fluid exits the chiller. According to the IPCC Fourth Assessment Report (AR4), refrigerant R-404A has a 100- year GWP of 3,921.6 and would thus be prohibited from use in BESS cooling systems after January 1, 2024, regardless of the temperature at which the chilled fluid exits the chiller.

Staff requires clarification regarding the cooling system design and refrigerant used to determine if the project would comply with Cal. Code Regs., tit. 17, § 95375(c)(1).

DR GHG-9. Please provide a description of the cooling system design for the battery energy storage system and confirm the identity of the refrigerant proposed or provide the identity of refrigerant that the BESS cooling system will use.

DR GHG-10. If the refrigerant proposed differs from that analyzed in CalEEMod (listed as R-404A), provide an estimate of annual refrigerant leakage, reported as carbon dioxide equivalent (CO_2e) emissions, from the cooling system proposed for the project.

DR GHG-11. Please demonstrate how the use of any refrigerant(s) proposed for BESS cooling would comply with the Prohibitions on Use of Certain Hydrofluorocarbons in Stationary Refrigeration, Stationary Air-conditioning and Other End-Uses. If not, please propose an alternative refrigerant, and provide updated annual refrigerant leakage estimates, reported as carbon dioxide equivalent (CO_2e) emissions, associated with the newly proposed refrigerant.

HAZARDOUS MATERIALS HANDLING

California Code of Regulations, title 20, Appendix B (g)(1) requires a discussion of the existing site conditions at the project site and associated project components. The application includes a Phase I Environmental Site Assessment (ESA) as Appendix G (TN 268167-1). The Phase I ESA was conducted in August 2025 in accordance with ASTM 1527-21 (Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process) by TRC Environmental Corporation (TRC) for the Vaca Dixon Power Center (VDPC) project site. The VDPC project site is defined in the Phase I ESA as an approximately 10-acre property located near Interstate 80 and Kilkenny Road in Vacaville, California. The application also includes a Phase I ESA as Appendix X (TN 268171-4) conducted in January 2025 in accordance with ASTM 1527-21 by TRC for the VDPC components including portions of the gen-tie line and the CalPeak Power Vaca Dixon Peaker Plant located at 5157 Quinn Road, Vacaville.

The Phase I ESA (TN 268167-1) for the VDPC project site mentions the previous agricultural use of the project site and a previously completed Phase I ESA that was prepared by KC Engineering Company in November of 2004, which identifies the potential for residual concentrations of insecticides, pesticides, or herbicides to be present on the VDPC project site. However, the Phase I ESA (TN 268167-1) does not include a discussion of the potential for residual concentrations of insecticides, pesticides or herbicides associated with the historical agricultural use of the VDPC project site.

DR HAZ-1. Provide an updated Phase I ESA with discussions and conclusions related to the potential presence of residual concentrations of insecticides, pesticides or herbicides on the subject property.

California Code of Regulations, title 20, Appendix B (g)(10)(A) requires 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 5.9.1.2 includes Table 5.9-1, Use and Location of Hazardous Materials; Table 5.9-2, Chemical Inventory, Description of Hazardous Materials On-Site, and Reportable Quantities; and Table 5.9-3, Toxicity, Reactivity, and Flammability of Hazardous Substances Stored On-site. Table 5.9-1 includes a list of hazardous materials that would be used and stored on site, however several chemicals listed do not include information on quantity, storage location and/or type of storage container, and list only "NA" or "TBD" for that information. Table 5.9-2 also includes a chemical inventory of materials that would be on site, with several chemical quantities listed as "NA" or TBD".

Subsection 5.9.1.2 of the application lists that hazardous materials used and stored on site during construction and operation would include diesel fuel, propane, motor oil, coolant, hydraulic fluid, adhesives, sealants, coolants, lubrication, mineral oil and lithium iron phosphate batteries. Tables 5.9-1, 5.9-2 and 5.9-3 do not include the quantities, chemical information, storage information, chemical inventory information or the toxicity, reactivity and flammability information for motor oil, coolant, mineral oil or lubricants mentioned in the section text.

Additionally, Table 5.9-1 lists iron phosphate batteries and liquid battery electrolyte as chemicals that would be used and stored on site, and Table 5.9-2 lists lithium-ion batteries in the chemical inventory. However, Table 5.9-3 does not include the lithium-ion/iron phosphate batteries or the liquid battery electrolyte and the associated toxicity, reactivity and flammability of the hazardous substances.

DR HAZ-2. Provide quantities for all hazardous materials that would be used or stored on site. If exact quantities are not currently known, please provide an estimated quantity. Please also provide information on storage location and the type of storage container for all hazardous materials that would be used and stored on site.

DR HAZ-3. Provide a discussion of the toxicity of all hazardous substances that would be used or stored on site, including the lithium ion/iron phosphate batteries and liquid battery electrolyte.

DR HAZ-4. Provide the quantities, use and location information, chemical inventory information and toxicity, reactivity and flammability information for motor oil, coolant, mineral oil, and lubricants referred to in the application Section 5.9.1.2.

California Code of Regulations, title 20, Appendix B (g) (10) (C) requires a discussion of the storage and handling system for each hazardous material used or stored at the site. California Code of Regulations, title 20, Appendix B (g) (10) (F) requires a discussion of measures proposed to reduce the risk of any release of hazardous materials.

Subsection 5.9.1.2 of the application indicates that construction would involve storage and use of hazardous materials such as diesel fuel, propane, motor oil, coolant, and hydraulic fluids related to construction equipment. The application also indicates that refueling and/or maintenance of equipment and vehicles would be conducted off-site whenever feasible, and in laydown yards when refueling and/or maintenance is required on site. The application also indicates that operations would include the storage and use of hazardous materials including diesel, motor oil and hydraulic fluid. Additionally, Tables 5.9-1 and 5.9-2 indicate that 380 gallons of diesel fuel would be stored in tanks (300 gallons in reserve supply and 80 gallons on the power generator) but lacks information of the storage location on the VDPC project site and fueling practices to prevent spills when on-site refueling is required during construction.

DR HAZ-5. Provide a discussion of refueling practices during construction and operation. How often would the construction diesel fuel storage tank be refilled and what measures would be taken to prevent leaks and spills during refueling? What measures would be taken to prevent leaks/spills when vehicle and equipment maintenance occur onsite?

California Code of Regulations, title 20, Appendix B (g) (10) (E) requires a discussion of whether a risk management plan (RMP) will be required and if so, the requirements that will likely be incorporated into the plan. Section 5-9 (TN 268156-2) Hazardous Materials, Subsection 5.9.1.2, Project Hazardous Materials Use, subsection Construction indicates that no regulated substances, as defined by California's Health and Safety Code Section 25531, would be used during construction of the proposed project and that preparation of a Risk

Management Plan is not warranted. However, Section 5-10 (TN 268156-1) Worker Safety, Section 5.10.4, Table 5.10-6, Agency Contacts for Worker Health and Safety lists the CUPA for the HMBP and Risk Management Plan (RMP). Section 5.10.5 indicates that the section includes applicable permits and permit schedule related to worker health and safety, and Table 5.10-7, Permits and Permit Schedule for Worker Health and Safety, which lists the RMP with schedule indicating submittal 30 days prior to operation through CERS and the status of "To Be Submitted". One part of the application indicates that an RMP would be prepared, while another part of the application states that an RMP is not warranted.

DR HAZ-6. Please clarify if an RMP will be prepared for the project and if so, provide additional detail about preparation and implementation of the RMP.

California Code of Regulations, title 20, Appendix B (g)(10)(F) requires a discussion of the measures proposed to reduce the risk of any release of hazardous materials. Subsection 5.9.1.3 Safe Handling of Hazardous Materials includes discussion of various health and safety programs that would be implemented during construction, including an Illness and Injury Prevention Program, construction personal protecting equipment (PPE) program and soil management plan. The section states that during operations, various safety programs and plans would be implemented including the Illness and Injury Prevention Program, operation and maintenance PPE program, emergency action plan, hazardous materials business plan (HMBP) and spill prevention, control and countermeasure plan (SPCC). However, the application is lacking sufficient detail of the practices and procedures that would be included in the various plans and programs mentioned in the section and does not address how impacts related to hazardous materials use and potential for leaks and spills during construction and operation would be reduced.

DR HAZ-7. Provide additional discussion and details on plans, practices, procedures and/or proposed mitigation measures that would reduce the impact of hazardous materials use and potential for leaks and spills during construction and operation. Please include details for each proposed plan or practice that includes at a minimum how and when each would be applied during construction and operation, an outline of the information that would be included in each plan, including any standard language regarding spill

control and cleanup, and how preparation and implementation of the plans shall be confirmed.

California Code of Regulations, title 20, Appendix B (g) (10) (G) requires discussion of fire and explosion risk associated with the project. Subsection 5.9.3.2, Impact HAZ-1, includes a very brief discussion of explosion, indicating that in the unlikely event that a fire or explosion occurs due to handling of hazardous materials, procedures from the Project's Construction Injury and Illness Prevention Program, Construction Fire Protection and Prevention Program, and Construction Personal Protective Equipment Program would be implemented to reduce risks to worker safety. The application lacks sufficient detail and discussion of the overall risk of explosion for the proposed project components.

Additionally, the application does not discuss the potential impacts of lithium battery fires on nearby Interstate 80 (I-80). The project would increase the potential for an accident involving lithium batteries near the project site (either on I-80 or at the BESS location that is adjacent to I-80). A recent truck accident on Interstate 15 in late July 2024 had major impacts on stranded motorists.

DR HAZ-8. Provide a discussion of the explosion risk of the project components and the BESS container controls to reduce explosion risk and/or consequences (such as flammable gas monitoring and ventilation or deflagration panels).

DR HAZ-9. Provide a discussion on whether a lithium battery fire at the project BESS site would result in the closure of nearby I-80, and other nearby access roads. Would the fire at the BESS have smoke visibility, or inhalation risks that could result in the closure of I-80 and surrounding local access roads? What actions could be implemented to reduce this risk of potential impacts to motorists?

DR HAZ-10. Provide a discussion of actions that the project could implement to reduce the probability of lithium battery fires during transportation of batteries to and from the project site and actions to reduce the impact of such fires (if they occur) to motorists.

LAND USE

California Code of Regulations, Title 20, Appendix B (g)(3)(A)(ii) requires the application to discuss 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. California Code of Regulations, Title 20, Appendix B (g)(3)(B) requires the application to discuss the project's conformity with any long-range land use plans and policies adopted by any federal, state, regional, or local planning agencies. California Code of Regulations, Title 20, Appendix B (i)(1)(A) requires the application to 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.

It should be noted that the City of Vacaville has adopted and extended an interim ordinance (Ordinance No. 1933) to prohibit approval of utility-scale BESS facilities until May 14, 2026. The intent of the ordinance is to provide City staff with time to develop standards for utility-scale BESS. On November 7, 2025, the City published a draft BESS ordinance for public review and comment (https://www.cityofvacaville.gov/residents/talk-of-the-town/battery-energy-storage-systems). Additional edits to the draft BESS ordinance were recommended by City planning staff and approved by the City Planning Commission on January 20, 2026 (https://vacaville.granicus.com/ViewPublisher.php?view_id=2). The City Council has scheduled a public hearing for the draft ordinance on March 10, 2026, followed by a second reading of the draft ordinance on April 14, 2026.

The proposed project site is zoned Business Park (BP), and the draft ordinance allows for non-lithium-ion utility-scale BESS to be conditionally permitted within a BP zoning district. Currently the project application does not discuss the City of Vacaville's proposed BESS ordinance. CEC land use staff will follow the upcoming City Council hearing and second reading of the proposed BESS ordinance to remain informed of changes to the City's applicable policies.

> **DR LAND-1.** Per California Code of Regulations, Title 20, Appendix B (g)(3)(A)(ii), Appendix B (g)(3)(B), and Appendix B (i)(1)(A), update the discussion in application Section 5.2.3, Impact LU-2, to discuss the project's conformity with the City of Vacaville's proposed BESS ordinance issued in November 2025. Please describe the project's consistency with proposed development standards from the draft BESS ordinance within the existing

Business Park zoning district.

California Code of Regulations, Title 20, Appendix B (g)(3)(C) requires the application to discuss the legal status of the parcel(s) on which the project is proposed. If the proposed site consists of more than one legal parcel, the application must describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linear infrastructure and temporary laydown or staging area, will be located on a single legal parcel.

The project would be constructed on two parcels (APN 0133-060-060 and APN 0133-060-070). Application Section 1.3.1 (TN 268144) states that the applicant has secured lease agreements for construction and operation of the project on these parcels. However, the application does not include sufficient information to verify the legal status and duration of site control for each project parcel. To confirm that the applicant has site control for the project site throughout the anticipated 35-year life of the project, staff requires further information regarding the terms and conditions of each lease agreement.

DR LAND-2. Per California Code of Regulations, Title 20, Appendix B (g)(3)(C), please provide the following:

a. Provide documentation of site control for each legal parcel on which project components are proposed (i.e., APN 0133-060-060 and APN 0133-060-070). Documentation can include a copy of each lease agreement and/or a table identifying the terms and conditions of the lease agreement for each parcel. At a minimum, include:

   - The type of site control instrument for each parcel (e.g., lease, option to lease, easement, license, purchase agreement);
   - The parties to each agreement;
   - The effective date, term length, expiration date, and any renewal/extension provisions;
   - Identification of which project components and activities are covered (construction, operation, maintenance, and decommissioning), and any relevant limitations or conditions; and
   - The portion of the parcel covered by the agreement (e.g.,

acreage, exhibit map, legal description).

California Code of Regulations, Title 20, Appendix B (g)(3)(D) and Appendix B (g)(3)(D)(i) require 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 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.

Application Section 5.2.1.5 (TN 268149-1) describes agricultural land uses and farmland designations at the project site and within one mile of the site, and provides maps of Agricultural Uses (Figure 5.2-4), Department of Conservation Important Farmland Designations (Figure 5.2-5), and existing Williamson Act Contracts (Figure 5.2-6). Consistent with CEQA Guidelines Appendix G, staff will use the Land Evaluation and Site Assessment (LESA) Model to evaluate the project's potential impacts to agricultural resources. While staff can provide the majority of the data for the LESA Model, staff requests further clarification from the applicant on the agricultural uses and easements surrounding the project site to support the LESA Model calculations.

DR LAND-3. To support staff's LESA model analysis, please provide the following:

a. Provide the official citation (i.e., source information) for application Figure 5.2-4 (Agricultural Uses Within One Mile of the Project Site). While the figure identifies the agricultural use data source as "CRNA 2025," the information for this source is not included in application Section 5.2.8 (References).

b. Identify all protected easements (i.e., agricultural, wildlife habitat, open space, or other natural resource easements) within one mile of the project site and provide a figure identifying the location of these easements. If the existing Williamson Act Contracts illustrated in Figure 5.2-6 are the only protected easements within one mile of the project, please confirm.

Consistent with California Code of Regulations, Title 20, Appendix B (g)(3)(D)(iii), the application must consider direct, indirect, and cumulative effects on agricultural land uses, including any mitigation measures that may be required to address potential adverse impacts.

The applicant docketed an Agricultural Mitigation Strategy (TN 268302) on January 23, 2026. The proposed Agricultural Mitigation Strategy would follow the City of Vacaville's Agricultural and Avian Habitat Mitigation Program requirements for a one-to-one mitigation of permanently disturbed Important Farmland (as designated by California Department of Conservation). Per the City's Agricultural Mitigation Program requirements (City of Vacaville Municipal Code Section 14.28.001.040), a project's mitigation obligation may be satisfied either through payment of in-lieu fees or through direct provision of agricultural mitigation land as a permanent agricultural conservation easement. The applicant's Agricultural Mitigation Strategy includes correspondence with Solano Land Trust (SLT) staff regarding the applicant's preference to pursue the in-lieu fee option to satisfy the project's mitigation obligations. However, the applicant has not provided documentation (e.g., a letter of commitment from the SLT) regarding SLT's agreement to implement mitigation for the project.

> **DR LAND-4.** Staff requires documentation demonstrating that Solano Land Trust would assist the applicant with execution of the proposed Agricultural Mitigation Strategy to verify the feasibility of this mitigation. Please provide relevant documentation such as a letter of commitment from Solano Land Trust that confirms Solano Land Trust will assist the applicant with the execution of a mitigation agreement.

NOISE

Subsection 5.3.1.2 (TN 268150) of the application states that there is a single-family residence 95 feet west of the gen-tie area in Solano County. However, this single-family residence is not shown in Figure 5.3-1. In addition, Table 5.3-13 indicates that the distance from the gen-tie area construction to the nearest single-family residential on Mills Lane is 95 feet away (see footnote 3 in Table 5.3-13). It is unclear if 95 feet is the distance between the gen-tie area to the nearest single-family residence or the nearest single-family residential property line.

> **DR NOI-1.** Provide the location of the single-family residence that is 95 feet west of the gen-tie area or confirm that this distance from the gen-tie area is measured to the nearest residential property line and not the nearest residential structure.

Subsection 5.3.1.3 (TN 268150) of the application states that 2 long-

term (25-hour) noise measurements were taken nearby receptors R-1 and R-2 nearby the BESS site on July 17-18, 2025. In addition, the application states that 1 long-term (24-hour) noise measurement was taken nearby receptor R-5. However, Appendix I (Noise Study) (TN 268167-2) only provides the long-term (25-hour) noise measurement data for LT-1 taken nearby receptor R-2.

DR NOI-2. Provide the following:

a. The 25-hour noise measurement data taken nearby receptor R-1 (July 17-18, 2025).

b. The 24-hour noise measurement data taken nearby receptor R-5 (May 11-12, 2023).

Table 5.3-13 (TN 268150) of the application indicates that the equipment list for the "Electrical Wire Installation and Finish Grading" construction phase includes a heavy-duty helicopter in the noise level calculations, which results in a noise level of 84 dB, Leq at 50 feet (see footnote 6 in Table 5.3-13). However, the Roadway Construction Noise Model (RCNM) calculation for this construction phase in Appendix I (Noise Study) (TN 268167-2) does not show a heavy-duty helicopter in the RCNM calculation.

DR NOI-3. Provide a revised RCNM calculation that includes a heavy-duty helicopter as part of the "Electrical Wire Installation and Finish Grading" construction phase.

Table 5.3-13 (TN 268150) of the application states that the "Gen-Tie Installation" construction phase results in a noise level of 81 dB, Leq at 50 feet. However, Appendix I (Noise Study) (TN 268167-2) does not include an RCNM calculation for this construction phase.

DR NOI-4. Provide an RCNM calculation for the "Gen-Tie Installation" construction phase.

PALEONTOLOGICAL RESOURCES

California Code of Regulations, title 20, Appendix B (g) (16) (B) requires a discussion of the paleontological sensitivity of the project area and each geologic unit identified on the most recent geologic map at a scale of 1:24,000 scale.

In Section 5.16.1 (TN 268162) of the application, Figures 5.16-1a, b, and c show that the following geologic units are mapped at the surface

within two miles of the project: artificial fill, water, Holocene Alluvial Fan Deposits, Holocene Natural Levee Deposits, Late Pleistocene Alluvial Fan Deposits, and the Pliocene Tehama Formation.

Section 5.15.1.4 (TN 268161) of the application evaluates the paleontological sensitivity of the geologic unit that is mapped at the surface at the project site, Late Pleistocene Alluvial Fan Deposits. The paleontological sensitivity of the other geologic units that are mapped at the surface within two miles of the project are not evaluated.

> **DR PAL-1.** Provide an evaluation of the paleontological sensitivity of geologic map units within two miles of the project, specifically of Holocene Alluvial Fan Deposits, Holocene Natural Levee Deposits, and the Pliocene Tehama Formation. An evaluation of the paleontological sensitivity of artificial fill and water is not needed.

PROJECT DESCRIPTION

California Code of Regulations, title 20, Appendix B (b) (1) (B) requires the submittal of 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). Although a substation elevation drawing and four illustrative elevation drawings have been provided in the Project Plan Set (TN 268166-2), dimensions (including heights) have not been provided. Additionally, while some gen-tie pole dimensions have been provided in Figures 2-11 through 2-14 (TN 268145), overall height dimensions have not been provided.

> **DR PD-1.** Please add dimensions (including heights) to the substation elevation drawing and the four illustrative elevation drawings presented in the Project Plan Set (TN268166-2). Also, please add the gen-tie pole heights to Figures 2-11 through 2-14 presented in the Project Description (TN 268145).

California Code of Regulations, Title 20, Appendix B (b) (2) (C) requires a detailed description of the design, construction, and operation of any electric transmission facilities. Section 1.3.1 (TN 268144) of the application indicates the BESS facilities and gen-tie lines, would be owned and operated by the applicants. However, it is unclear from application Section 2.0, (TN268145), if the applicant would be constructing all project components. In addition, application Subsection 2.1.3.2 (TN 268145) indicates battery modules would be

added every 2 to 5 years and would be placed adjacent to BESS enclosures in areas designated for future battery/power conversion systems (PCS) augmentation. However, no additional details are provided.

DR PD-2. Please identify any project components that would be constructed and/or operated by PG&E required for the project. This should include identifying the point of change of ownership (POCO) if not the same as the first point of interconnect and a description of any PG&E construction activities including a list of any applicable avoidance and minimization measures.

DR PD-3. Please provide a description of the augmentation plan including a general description of the construction activities that are anticipated to occur as part of these augmentation activities including but not limited to trenching, number of vehicle trips, number of deliveries, use of cranes, etc.

PUBLIC HEALTH

Construction Health Risk Assessment (HRA)

The applicant conducted an HRA for toxic air contaminants during construction. However, the Residences Risk in Table 5.8-1 (TN 268155) is 1.4 (per million), while the number in Table 5.7-10 (TN 268154) and Appendix D (TN 268170-2) is 1.75 (per million).

DR PH-1. Please clarify which number is the correct one or explain the differences between these two.

BESS Thermal Runaway/Fire Impacts

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.

According to the application (TN 268173-3), some tests such as hazard mitigation analysis (HMA) and fire test analysis have been done in accordance with UL 9540 and UL 9540A standards. UL 9540 ensures the overall safety and performance of energy storage systems, while UL 9540A specifically tests for fire safety and thermal runaway

propagation, confirming that no thermal runaway can extend beyond the unit level. In Attachment F: Cell Gas Analysis Report (TN 268173-3), cell gas composition is listed. The major gas components from the report are hydrogen (41.313%), Carbon Dioxide (27.205%). Carbon Monoxide (13.453%), Methane (7.403%), Ethylene (4.408%), Propylene (1.297%), Ethane (1.235), and others (lower than 1%). However, a review of the literature indicates that other toxic air contaminants (TACs), such as benzene, particulate matter (including ultrafine particulates), hydrogen chloride, hydrogen fluoride, and hydrogen cyanide, acrolein, formaldehyde, VOCs (toluene, etc.), sulfur dioxide, nitrogen dioxide, phosphoryl fluoride, carbonyl fluoride could also be released, even though they are not available from the cell/module level UL 9540A test report.

In addition, the applicant's Hazard Consequence Analysis (TN 268171-2, 268171-3) assumed only 6 or 8 cells would fail during a potential BESS thermal runaway/fire event. However, a worst-case fire could involve a whole BESS unit. Staff needs additional analysis of the worst-case impacts during a potential BESS thermal runaway/fire event.

DR PH-2. Please provide a dispersion modeling analysis of all potential criteria air pollutants and TACs for the thermal runaway/fire scenario using a well-validated model (AERMOD and HARP2 preferred), including the TACs in Attachment F: Cell Gas Analysis Report (TN 268173-3) and those mentioned above using available representative data from the literature review or measured from any BESS test.

DR PH-3. If the modeling data originate from literature review, please provide a copy of the referenced literature. If the modeling data come from a BESS test, please also provide the specific analytical method(s) for determining the presence of off-gassing constituents in the test, including sample collection methods, laboratory preparation methods, analytical methods, the MDL (method detection limit) or PQL (practical quantitation limit) or RL (reporting limit) for all measured constituents, and all QA/QC (quality assurance/quality control) data including results of a spiked sample.

DR PH-4. Please identify the assumed worst-case scenario, including but not limited to the number of cells or modules involved, state of charge, burn duration, and emission factors.

Please provide justification demonstrating that the assumptions are both representative and conservative to be protective of public health.

DR PH-5. Please compare the modeled TACs concentrations to appropriate health-based exposure thresholds, including the U.S. EPA Acute Exposure Guideline Levels (AEGL), the OEHHA/CARB acute Reference Exposure Levels (RELs), and Emergency Response Planning Guidelines (ERPGs) thresholds but excluding the Immediately Dangerous to Life or Health (IDLH) levels since they are not health protective, and demonstrate whether the acute hazard Index (HI) of TACs would be higher than the significance threshold of 1.0 at sensitive receptors. Please demonstrate whether the criteria air pollutant impacts would cause or contribute to any exceedance of ambient air quality standards.

DR PH-6. If the acute HI would exceed 1.0 or the criteria air pollutant impacts would cause or contribute to any exceedance of ambient air quality standards, please explain what mitigation measures are planned to be implemented to reduce the impacts to less than significant.

SOCIOECONOMICS

California Code of Regulations, Title 20, Appendix B (g)(7)(A)(i) requires both recent and projected revenues of applicable local agencies with taxing powers. Subsection 5.6.1.4 (TN 268153) of the application provides the recent Solano County revenues (FY 2023-2024) in Table 5.6-11, and the projected Vacaville revenues (FY 2024-2025) in Table 5.6-14. However, both recent and projected data is needed for both jurisdictions.

DR SOCIO-1. Provide the following:

c. Projected Solano County revenues; and

d. Most recent City of Vacaville revenues.

California Code of Regulations, Title 20, Appendix B (g)(7)(A)(iii) requires the existing and projected unemployment rate. Section 5.6.1.2 (TN 268153) of the application provides the existing unemployment rate.

DR SOCIO-2. Provide the most recent **projected** unemployment rate of the region affected by the construction and operation of the

project, or if this data is unavailable, provide an explanation.

TRAFFIC AND TRANSPORTATION

Appendix B (g) (5) (C) requires an evaluation of the project's potential impacts related to vehicle miles traveled.

DR TRANS-1. The vehicle miles traveled (VMT) discussion dismisses construction-related VMT. Given that the site would generate approximately 200 trips per day during construction, including 100 truck trips, and many of those trips would be long-distance (due to the remote location), provide the basis for concluding it is not relevant. The question of relevance also relates to the duration of the construction phase, which is not identified in the transportation section. Please identify CEQA guidelines that support any conclusion regarding the relevance of construction-related VMT.

Appendix B (g) (5) (C) (i) requires identification of the local jurisdiction's VMT thresholds of significance.

DR TRANS-2. Please document the City of Vacaville's and/or Solano County's VMT thresholds of significance. If VMT thresholds have not yet been established/adopted by the City or County, please reference the significance thresholds outlined in the Governor's Office of Land Use and Climate Innovation (LCI) Technical Advisory on Evaluating Transportation Impacts in CEQA.

Appendix B (g) (5) (D) (iv) requires identification of the weight and load limitations for each road in the project area affected by or serving the proposed facility.

DR TRANS-3. Please provide the weight and load limitations of each study area roadway.

Appendix B (g) (5) (E) (i) requires estimated one-way trip lengths for workers, deliveries, and truck haul trips generated by the construction of the project.

DR TRANS-4. Please estimate the average length of worker trips that would be generated during project construction, and the basis for those estimates.

Appendix B (g) (5) (E) (ii) requires a description of public roadways

and intersections temporarily or permanently altered by construction and operation including the duration of activities.

DR TRANS-5. On page 5.4-1 of Section 5.4.1, there is reference to a temporary closure of Quinn Road and portions of I-80 during gen-tie construction. Provide the expected duration of this closure.

TRANSMISSION SYSTEM DESIGN

For the identification of impacts on the transmission system and the indirect or downstream transmission impacts, staff relies on the Phase I and Phase II Interconnection Studies to ensure the interconnecting grid meets the California Independent System Operator (California ISO) reliability standards. The mitigation measures often include the construction of downstream transmission facilities. CEQA requires the analysis of any downstream facilities for potential indirect impacts of the proposed project. Without a complete Phase I or Phase II Interconnection Study, staff is not able to fulfill the CEQA requirement to identify the indirect effects of the proposed project.

Complete descriptions of the project's transmission and interconnection facilities are also required to determine whether the project, as proposed, would comply with California Public Utilities Commission (CPUC) General Order (GO) 95, 128 and 131-E construction standards. Therefore, please provide following information:

DR TSD-1. Please provide a table that identifies state and federal laws, standards, and regulations such as CPUC GO 95, GO 128, GO 131-E, NFPA, NERC, FERC and other relevant regulations; as they pertain to the project's electrical facilities such as substation and generator tie-line. Confirm project's conformance with these regulations.

DR TSD-2. Please discuss the CPUC GO 128 standard in reference to the project's underground construction facilities, such as grounding, duct banks and underground conductor clearances. Also discuss project's compliance with CPUC's GO 95, 128 and 131-E standards as they pertain to the substation, grounding, transmission lines and other related facilities.

DR TSD-3. Please provide the details of the project's interconnection with the CalPeak Power Vaca Dixon Peaker Plant site and include one-line diagram of the proposed setup within the

substation. Show all relevant equipment ratings of the circuit breakers, transformers, generator tie-line and line ratings.

DR TSD-4. Discuss the rating of the 115kV/13.8kV transformer at the CalPeak Power Vaca Dixon Peaker Plant and how it might affect the project's transmission capacity.

DR TSD-5. Please provide the details of the project's interconnection with the PG&E's Vaca Dixon Substation and include one-line diagram of the proposed setup within the substation. Show all relevant equipment ratings of the circuit breakers, transformers, generator tie-line and line ratings.

DR TSD-6. Provide the width of the generation tie-line's right of way along with diagram clearly showing it in relation to the existing and proposed electrical facilities. Please also include the height of the transmission poles and their conformance with the Federal Aviation Authority's height requirements.

DR TSD-7. The applicant provided the Appendix A of the Cluster 14 Interconnection Study Report only. Please provide the entire California ISO Cluster 14 Phase II Interconnection Study Report including all the appendices and attachments especially Appendix G, Appendix H, Appendix I and Attachment 8.

DR TSD-8. Please include a list of all the transmission upgrades required by CAISO for this project. Provide the most recent Generator Interconnection Reassessment Study Report if it is available.

DR TSD-9. Please provide ampacity of each generator tie-line, along with details about its temperature dependent ratings.

VISUAL RESOURCES

California Code of Regulations, title 20, Appendix B (g) (1) requires a discussion of the expected direct impacts due to operation of the project. While several Key Observation Points (KOPs) were established from which to assess the project's visual impacts, there are no KOPs or simulations that adequately capture the foreground visual impact of the project on views from immediately adjacent northbound I-80 and Kilkenny Road.

DR VIS-1. Please establish an additional KOP (#5) on eastbound

Kilkenny Road at approximately **Lat: 38.395249º; Long: -121.923032º**. The viewpoint should be just under the proposed span of I-80, and the view should be to the northeast to capture the central portion of the project site including substation facilities and BESS enclosures. Also, provide the necessary analysis, supporting information, and visual simulation(s). Simulation(s) of the proposed landscaping should include one year of growth as required by CEC regulations. An additional simulation may include the conceptual landscaping at a later stage of maturity.

DR VIS-2. Please establish an additional KOP (#6) on northbound I-80 at approximately **Lat: 38.396138º; Long: -121.923391º**. The view should be to the east to capture portions of the Arges BESS Switchyard and Arges 400 MWh BESS. Also, provide the necessary analysis, supporting information, and visual simulation(s). Simulation(s) of the proposed landscaping should include one year of growth as required by CEC regulations. An additional simulation may include the conceptual landscaping at a later stage of maturity.

California Code of Regulations, title 20, Appendix B (g) (1) also requires a discussion of 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. While reference is made to Mitigation Measure (MM) VIS-1 in several locations within Section 5.5 Visual Resources, no mitigation measure is provided.

DR VIS-3. Please provide a discussion of the measures proposed to mitigate adverse aesthetic/visual impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.

California Code of Regulations, Appendix B (g) (6) (A) (i), Appendix B (g) (6) (A) (i) a, Appendix B (g) (6) (A) (i) b, and Appendix B (g) (6) (A) (i) c require that scenic resources within a 5-mile radius of a project be mapped. However, no map of scenic resources was prepared.

DR VIS-4. As required by the above cited CEC Regulations, please prepare and submit a map of scenic resources within 5 miles of the project site. Include any scenic resource in an adopted federal, state, county, or city government planning document, plan, or

regulation. Include any natural features or objects 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). Also include any man-made features or objects that embody elements of architecture or engineering that represent significant innovation or are unique. At a minimum, the map and discussion should include designated scenic resources within the City of Vacaville, designated scenic roadways, and General Plan agricultural reserve overlay areas that seek to maintain scenic agricultural landscape resources along the I-80 corridor and extending out to 5 miles from the project site.

California Code of Regulations, Appendix B (g) (6) (A) (i), d requires an explanation as to the extent that the project eliminates or obstructs the public view of a scenic resource. Since the identification of scenic resources is incomplete (see **DR VIS-4** above), additional discussion is required.

DR VIS-5. Please explain the extent to which the project eliminates or obstructs the public view of any of the scenic resources that are identified in response to **DR VIS-4**.

California Code of Regulations Appendix B (g) (6) (C) (iv) requires that for each KOP (View), a spatially accurate and photo-realistic project simulation that represents the scene one year after completion of construction be submitted. This is to include all elements of the project including any proposed landscaping. However, the project simulations presented in Figures 5.5-4b, 5.5-5b, and 5.5-6b appear to illustrate a conceptual landscaping plan that is at a level of vegetation maturity well beyond the "one year after completion of construction" requirement.

DR VIS-6. Please prepare and submit new project visual simulations for existing KOPs 2, 3, and 4 that illustrate the conceptual landscaping plan at one year after completion of construction, and number those images as Figures 5.5-4b, 5.5-5b, and 5.5-6b, respectively.

DR VIS-7. Please retain but re-number the existing simulations (existing Figures 5.5-4b, 5.5-5b, and 5.5-6b) as Figures 5.5-4c, 5.5-5c, and 5.5-6c, respectively, and specify the time to vegetative

maturity (after construction) that is illustrated in the existing simulations.

DR VIS-8. Please prepare and submit new project visual simulations for the two newly requested KOPs 5 and 6 (see **DR VIS-1** and **DR VIS-2**) illustrating the conceptual landscaping plan at one year after completion of construction, and number those images as Figures 5.5-7b and 5.5-8b (and including their companion existing view images as Figures 5.5-7a and 5.5-8a), respectively.

California Code of Regulations, title 20, Appendix B (g) (6) (C) (v) requires that each KOP photograph and photo-realistic simulation be capable of 11" x 17" color-print by a printer capable at a minimum 600 dots per inch output resolution. The images provided are of a lower resolution.

DR VIS-9. Provide to the CEC project manager electronic files of stand-alone, high-resolution (i.e., minimum 600 dots per inch output), KOP existing view and simulation images that are capable of being printed at 11" x 17".

California Code of Regulations, title 20, Appendix B (g) (6) (D) (i) requires that a table listing the dimensions (height, length, width, diameter) of project structures and dimensions be provided. Table 5.5-1 in Section 5.5 of the application provides the height of the gen-tie monopole structures but does not provide the pole diameters.

DR VIS-10. Please add the gen-tie pole diameters to Table 5.5-1 in Section 5.5 of the application.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (iii) requires a description of the mitigation proposed to screen the project facilities (in this case, landscaping). CEC Siting Regulations, title 20, Appendix B (g) (6) (D) (iv) requires that a project-specific conceptual landscape design plan that conforms with the city municipal code or county government code be provided. Although limited statements regarding the landscaping anticipated to screen project facilities are made in several locations of the application, no adequate description of the landscaping proposed to be deployed to provide screening of project structures has been provided. Since a project-specific conceptual landscape design plan has not been provided, the required documentation demonstrating conformance with the city municipal

code or county government code has also not been provided, and there is no evidence that the appropriate agency has been consulted with respect to submittal of a conceptual landscape design plan.

> **DR VIS-11.** Please provide a project-specific conceptual landscape design plan that also details how the proposed plantings will effectively screen project facilities and the time frames involved. Please also provide documentation that demonstrates the plan's conformance with the City of Vacaville municipal code and/or Solano County government code. Also, please provide documentation that reports consultation(s) with the appropriate city/county agencies.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (iv) a. requires that the project-specific conceptual landscape design plan include not only the type of plant and/or tree species and location but the quantity, size, spacing at installation/planting, expected growth rates, and expected heights at one year, five years, and maturity. Also required is the specification of the irrigation system components and their locations.

> **DR VIS-12.** Please add to the project-specific conceptual landscape design plan information that details the type of plant and/or tree species and their location and the quantity, size, spacing at installation/planting, expected growth rates, and expected heights at one year, five years, and maturity. Also provide the specifications of the proposed irrigation system components and their locations.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (iv) b. requires that the project-specific conceptual landscape design plan include the calculated total pervious surface amount for the project site as well as the surface to be replaced, the new surface, and the total area to be landscaped.

> **DR VIS-13.** Please add to the project-specific conceptual landscape design plan the calculated total pervious surface amount for the project site as well as the surface to be replaced, the new surface, and the total area to be landscaped.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (v) requires that a project-specific, conceptual, outdoor lighting control and management plan be provided that explains the control of

reflectance from exterior surfaces off site that conforms with the city municipal code or county government code. The lighting plan that has been provided does not specifically address the control of reflectance nor whether the lighting plan conforms with city/county codes.

> **DR VIS-14.** Please augment the existing lighting plan with a discussion of the control of reflectance from exterior surfaces off site that conforms with the city municipal code or county government code.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (v) a. requires that the project-specific, conceptual, outdoor lighting control and management plan identify the design (e.g., full cutoff, semi cutoff, non-cutoff) and also if the proposed luminaires have the International Dark-Sky Association Fixture Seal of Approval. This information has not been provided in the submitted lighting plan.

> **DR VIS-15.** Please augment the existing lighting plan with a discussion of the luminaire design that specifies whether the proposed luminaires are full cutoff, semi cutoff, or non-cutoff. Also indicate whether the luminaires have the International Dark-Sky Association Fixture Seal of Approval to the extent feasible consistent with safety and security considerations or not. Also, tie the provision of the lighting plan to a new mitigation measure to be added to the application, the purpose of which is to address the potentially significant visual impact of uncontrolled night lighting.

California Code of Regulations, title 20, Appendix B (g) (6) (D) (v) b. requires a discussion of 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 submitted lighting plan does not include this information.

> **DR VIS-16.** Please augment the existing lighting plan with a discussion of reflectance including 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).

California Code of Regulations, title 20, Appendix B (i) (A) requires that a table identifying the laws, regulations, ordinances, and standards explicitly refer to pages in the application wherein conformance with

each law or standard during both construction and operation of the facility is discussed. Although the majority of this information has been provided in Subsection 5.5.3.1, Table 5.5-3, the Project Conformity column is incomplete in that the referenced mitigation measure (MM VIS-1) is not presented in Section 5.5 Visual Resources.

DR VIS-17. Please provide Mitigation Measure VIS-1, and in each reference to MM VIS-1 in Table 5.5-3, please explain exactly how implementation of MM VIS-1 will minimize impacts with respect to the specific LORS.

California Code of Regulations, title 20, Appendix B (i) (1) (B) requires the identification of 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 to identify agencies that would have permit approval or enforcement authority, but for the exclusive authority of the commission, to certify sites and related facilities. Section 5.5.6 of the application states that there are no agencies with jurisdiction to issue permits or approvals, and Section 5.5.7 states that no permits related to visual resources would be required.

DR VIS-18. Identify each agency with jurisdiction to issue applicable permits and/or approvals, but for the exclusive authority of the CEC, pertaining to the required project-specific, conceptual, outdoor lighting control and management plan and project-specific conceptual landscape design plan.

WASTE MANAGEMENT

Per Appendix B (i) (2), the application must include the name, title, phone number, required address, and email address (if available) of an official contact within each agency, as well as the name of the official designated as the Commission staff contact. Staff reviewed the application including the Compiled Contact List (TN268327) and contact details were missing.

DR WASTE-1. Please provide the contact details for "Environmental Health Services Division" in Table 5.11-5.

WATER RESOURCES

The Central Valley Water Board has regulatory authority over wetlands and waterways under the Federal Clean Water Act (CWA) and the

California Water Code, Division 7 (CWC). Discharge of dredged or fill material to waters of the United States requires a CWA Section 401 Water Quality Certification from the Central Valley Water Board. Section 401 Certifications are issued in combination with CWA Section 404 Permits issued by the Army Corps of Engineers. Project activities that may require a section 401 Water Quality Certification include any modifications to these waters, such as the replacement or installation of culverts and/or low water stream crossings, stream bank modifications, filling of wetlands, etc. Steps must be taken to first avoid and minimize impacts to these waters, and then mitigate for unavoidable impacts.

The Comprehensive Biological Survey Report provided an aquatic resource delineation that identified fourteen jurisdictional features, including nine seasonal wetlands (Seasonal Wetland 1 through 9), one swale, three agricultural ditches (Agricultural Ditch 1 through 3), and one man-made pond. The total jurisdictional area within the BSA is approximately 1.85 acres of non-wetland waters of the State and 1.94 acres of streambed, with combined aquatic resources totaling approximately 1.85 acres of wetlands and 0.95 acres of non-wetland waters of the U.S.

The Section 401 Water Quality Certification and the Section 404 Permit, if applicable, must be obtained prior to site disturbance. Any person discharging dredge or fill materials to waters of the State must file a report of waste discharge pursuant to Sections 13376 and 13260 of the California Water Code. Both the requirements to submit a report of waste discharge and apply for a Water Quality Certification may be met using the same application form, found at Water Boards 401 Water Quality Certification and/or WDRs Application. This link includes the application materials and guidance documents regarding what information is needed for a complete application.

DR WATER-1. Please provide the additional data requirements related to the 401 Water Quality Certification and 404 Permit:

1. Section 401 Water Quality Certification application (draft application is sufficient at this time);
2. An aquatic resource delineation report verified by U.S. Army Corps of Engineers, if verification is required by the Corps;
3. A description of the waters proposed to be impacted by the project including the quantity of impacts to waters proposed to

receive a discharge of dredged or fill material at each location rounded to at least the nearest one-hundredth (0.01) of an acre and nearest linear foot, and cubic yards of fill.

4. A compensatory mitigation plan for permanent physical loss and permanent ecological degradation of a water of the U.S. The plan shall comport with State Water Resources Control Board's Supplemental Dredge or Fill Guidelines, Subpart J. A link is provided: State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (ca.gov) (https://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/2021/procedures.pdf)

The application notes that coordination with the City of Vacaville regarding water supply for the project is underway; however, there is no assessment of how likely the City would approve the project's request.

DR WATER-2. Please provide the current status of the coordination with the City and how likely the City would approve the proposed project's request and whether the City would be issuing a will-serve letter for the project.

Section 5.13, Water Resources, per Appendix B (i)(3), the application must provide 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. In Section 5.13.7, the permit acquisition schedule for permits outside Commission authority is missing.

DR WATER-3. Please provide a permitting schedule and discussion of steps taken and/or plans for obtaining required permits outside the authority of the Commission. This should also include the required contact details and designated staff contact for the agencies listed in Section 5.13.6, as these are currently missing.

WORKER SAFETY AND FIRE PROTECTION

California Code of Regulations, title 20, Appendix B (i) (1) (A) requires tables that identity laws, ordinances, regulations, and standards (LORS) and permits applicable to the proposed project. The application includes Table 5.10-5 LORS Applicable to Worker Health and Safety.

However, Table 5.10-5 does not include critical LORS related to BESS safety and fire protection that would be relied upon for the outlines of the Construction/Operation Health and Safety Programs.

DR WS-1. Provide a revised Table 5.10-5 to include the following, at minimum: BESS safety and fire protection standards, including the 2023 edition of NFPA 855; local fire department amendments to the California Fire Code requirements for electrical energy storage systems: Title 24, Part 9, Chapter 12, Section 1207; California Public Utilities Code Section 761.3(g) requirements for BESS safety.

California Code of Regulations, title 20, Appendix B (g) (11) (A) requires a description of safety training programs and Appendix B (g) (11) (C) requires draft outlines including for the Emergency Action Plan. Subsection 5.10.2.4 and Tables 5.10-3 and 5.10-4 describe safety training programs for project construction, and operations and maintenance personnel. The application lacks significant details on the training programs and also does not describe important coordinated trainings for local emergency response agencies (e.g. fire department).

DR WS-2. Provide a complete description of the proposed training provided to local emergency response agencies (e.g. fire department) during construction and operations. Provide a discussion of the content, frequency, and emergency scenarios to be covered in the training.

DR WS-3. Provide a complete description of the proposed emergency response training provided to project personnel (workers and management) during operations should a fire or natural disaster occur (e.g., seismic event, wildfire, severe high winds) or should a failure incident involving a BESS enclosure occurs. Provide a discussion of the content, frequency, and emergency scenarios to be covered in the training, and delineate between management responsibilities and worker roles, such as with process flow diagrams.

DR WS-4. Provide a complete description of the proposed training programs for heat illness prevention and workers experiencing high heat weather (California Code of Regulations, title 8, sections 3395 and 3396 for Outdoor work environments and Indoor work environments, respectively).

California Code of Regulations, title 20, Appendix (g) (1) requires a discussion of 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. The application lacks significant details on the proposed measures to mitigate potentially adverse impacts during an emergency response. For example, the application describes the project as remotely monitored, with up to two staff visiting the site up to two times a week. The proposed BESS enclosures exceed the maximum allowable quantities of electrochemical ESS according to the California Fire Code. These conditions have the potential to contribute to adverse impacts during an emergency response.

Staff requires additional details on the BESS enclosure locations, setbacks, and internal access roads in order to verify that the project has proposed adequate project features to mitigate adverse impacts during an emergency response.

DR WS-5. Provide a discussion of how each BESS facility's general arrangement would comply with the City of Vacaville Fire Department requirements for minimum separation and setback distances and would provide at least two emergency access points. For example, one of the two fire department access points at the Arges 400 MWh BESS is through the Vaca Dixon 57 MWh BESS and not through a public road. Provide references for all significant assumptions, methodologies, and computational methods used in arriving at those conclusions, such as correspondence with the local fire department.

DR WS-6. Provide a discussion of how the separation distances between the BESS enclosures and the other nearest exposures comply with LORS (e.g., NFPA 855, California Fire Code, etc.) and would mitigate adverse impacts during an emergency response. For example, the draft Emergency Response Plan, Appendix S, describes a safe distance of at least 75 feet from battery enclosures, but site plans, Appendix C, appear to call out distances of less than 75 feet from enclosures to property lines. Provide a schematic, including equipment elevation views/details, that specify the distances between BESS enclosures and the other nearest exposures. Provide references for all significant assumptions, methodologies, and computational methods used in arriving at those conclusions.

DR WS-7. Provide a discussion of the anticipated time for project personnel to arrive onsite following an emergency or notification by the monitoring system.

DR WS-8. Provide a discussion of proposed measures that the project would implement to mitigate impacts to the local first response agencies (fire department) due to an incident involving a BESS enclosure (e.g., project features, funding agreement, training, reimbursement, etc.).

DR WS-9. Provide a schematic and complete description of the Fire Command Center (FCC) referenced in the draft Emergency Response Plan, Appendix S. Provide a discussion of the proposed local and remote monitoring capabilities (e.g., dedicated command and control center, thermal infrared cameras, air/water sampling plans) to aid the incident commander, local first response agencies, etc. during an incident involving a BESS enclosure. Provide a complete description of the battery energy storage management system for the proposed BESS enclosures.

DR WS-10. Provide a history of failure incidents involving the proposed BESS enclosures at the Vaca Dixon 57 MWh BESS facility, Risen SYL model #SU3794U3794KC, and at the Arges 400 MWh BESS facility, Risen SYL model #SU5016U1250KC. Provide a complete description of the proposed measures to prevent failure incidents for the proposed project.

DR WS-11. Provide the most current emergency response recommendations from the BESS enclosure manufacturer.

DR WS-12. Provide a figure/diagram that depicts the interior design of each BESS enclosure (Risen SYL model #SU3794U3794KC and Risen SYL model #SU5016U1250KC) using the standard descriptions per UL 9540A e.g. cell and module, and per the manufacturer's user manuals e.g. cluster and array. Provide a glossary defining the terms used throughout the application, in particular related to the BESS components.

California Code of Regulations, title 20, Appendix B (g) (11) (B) requires a complete description of the fuel handling system and the fire suppression system and Appendix B (g) (11) (C) requires draft outlines including for the Fire Prevention Plan. The application lacks significant details on the proposed fire prevention, extinguishing, and

suppression systems (fire protection) and fire detection and alarm systems. For example, Figure 5.10-1 does not provide adequate call-outs for the fire protection systems.

Staff requires additional details for the project's proposed fire protection, and detection and alarm systems in order to verify that the project has proposed adequate project features to mitigate adverse impacts to project personnel, emergency first responders, and the public. Staff requires complete descriptions of project features. A complete description includes a schematic and a diagram of a typical BESS enclosure. A complete description specifies information including, but not limited to, the location(s) of project features, the specific listings and design standards, the more stringent local fire department requirements, and all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.

DR WS-13. Provide a schematic, equivalent to at least 30 percent design plans, and a complete description of the proposed fire protection systems for each BESS facility, such as the fire water loop, fire water storage tanks, fire pumps, fire hydrants, etc.

DR WS-14. Provide a schematic, equivalent to at least 30 percent design plans, and a complete description of the proposed fire protection systems for all project buildings and structures, including the control enclosures, command and control center, etc.

DR WS-15. Provide a schematic, equivalent to at least 30 percent design plans, and a complete description of the proposed fire detection and alarm systems for each BESS facility.

DR WS-16. Provide a schematic and complete description of the proposed fire suppression system that would exist in each BESS enclosure (Risen SYL model #SU3794U3794KC and Risen SYL model #SU5016U1250KC). Specify the applicable NFPA design standard (e.g. NFPA 2001 for clean agent, NFPA 2010 for aerosol, etc.) and the proposed fire extinguishing agent. Provide a discussion of why a fire suppression system was chosen. Provide references for all significant assumptions, methodologies, and computational methods used in arriving at those conclusions.

DR WS-17. Provide draft outlines of the project's Fire Prevention Plan for construction and operations. Provide a discussion of

project-specific potential fire hazards, control procedures, fire protection systems, etc.

California Code of Regulations, title 20, Appendix B (g) (11) (B) requires a complete description of the fuel handling system and the fire suppression system. Subsection 2.1.10, and 5.9.1.3 describe emergency power and hazardous materials handling practices. The application does not provide details of the diesel fuel management systems or the fuels required by emergency and standby power systems during operations.

DR WS-18. Provide a schematic and complete description of the emergency and standby power systems, including what they serve, by what means, and the duration of these systems for each required load e.g. exhaust ventilation, gas detection systems, etc.

DR WS-19. Provide a complete description of the proposed fuel management and handling during both construction and operations, including details on fuel delivery and distribution methods and systems, containment systems, and fire protection measures to be implemented (e.g. static electricity mitigation, etc.).

California Code of Regulations, title 20, section 1704 (a) (3) (A), requires descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document. California Code of Regulations, title 20, section 1704 (a) (3) (B), also requires the description to include the methodologies and findings of all major studies or research efforts undertaken and relied upon to provide information for the document. The subsection titled, "BESS Safety and Fire Suppression," within subsection 5.10.2.4 and Figure 5.10-1 reference the fire suppression system, including the fire water loop. The Hazard Mitigation Analyses, Appendices T and U, and site plans, Appendix C, specify three onsite hydrants per BESS facility supplied by an existing 12 inch diameter City of Vacaville water main that parallels the northern site boundary. The application does not provide references to support the conclusion that the existing City water main would serve as an adequate water supply.

Staff requires additional details of the research efforts the applicant has completed or plans to complete related to the site's fire water supply and hazard mitigation analyses.

DR WS-20. Provide a fire water supply analysis to confirm

adequate water supply for each BESS facility, including results of flow tests. Provide a discussion of the project's worst-case fire flow requirements in GPM (gallons per minute) for each of the project's exposure hazards (e.g. transformer fire, BESS fire). Provide descriptions of all significant assumptions, methodologies, and computational methods used in arriving at those conclusions.

DR WS-21. Provide the UL 9540A cell, module, unit, and installation level test reports in accordance with the 2025 edition of UL 9540A and the 2025 California Fire Code Section 1207.1.7 for the proposed BESS enclosure at the Vaca Dixon 57 MWh BESS facility, Risen SYL model #SU3794U3794KC.

DR WS-22. Provide the UL 9540A cell, module, unit, and installation level test reports in accordance with the 2025 edition of UL 9540A and the 2025 California Fire Code Section 1207.1.7 for the proposed BESS enclosure at the Arges 400 MWh BESS facility, Risen SYL model #SU5016U1250KC. Provide the UL 9540 certificate of compliance for the proposed BESS enclosure at the Arges 400 MWh BESS facility, Risen SYL model #SU5016U1250KC.

REFERENCES

Campbell-King et al. 2025 – B. Campbell-King, J. Bevan, E. Foster, A. Losco, A. Hrycyk, and S. Treffers. *Vaca Dixon Power Center Project Cultural Resources Technical Report, Solano County, California*. Prepared for Vaca Dixon BESS LLC/Arges BESS LLC, San Diego, CA. Confidential report on file at Northwest Information Center, California Historical Resources Information System, Rohnert Park. Rincon Consultants Inc., Sacramento, CA, September 2025

CDFG 2012 – California Department of Fish and Game (CDFG), Staff Report on Burrowing Owl Mitigation, dated March 7, 2012. Accessed online at: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=83843&inline

CNDDB 2026 – California Natural Diversity Database (CNDDB), Rarefind 5. California Department of Fish and Wildlife, dated January 30, 2026. Accessed online at: https://wildlife.ca.gov/Data/CNDDB

Jepson 2026 – Jepson Herbarium. Jepson eflora, dated 2026. Accessed online at: https://ucjeps.berkeley.edu/eflora/

Johnson 1978 – Patti J. Johnson. "Patwin." In *California*, edited by Robert F. Heizer, pp. 350–360. Handbook of North American Indians, Vol. 8, William C. Sturtevant, series editor. Washington, D.C.: Smithsonian Institution, 1978

Morey and Reznick 2004 – Morey, S.R. and Reznick D.N. The relationship between habitat permanence and larval development in California spadefoot toads: field and laboratory comparisons of developmental plasticity, dated January 9, 2004. Accessed online at: https://www.jstor.org/stable/3548328

OHP 1990 – Office of Historic Preservation. *Archaeological Resource Management Reports (ARMR): Recommended Contents and Format*. Sacramento: California Office of Historic Preservation, February 1990

Rincon 2026t – Rincon Consultants (TN 268158). Section 5-12_Biological Resources_VDPC, dated January 16, 2026. Accessed online at: https://efiling.energy.ca.gov/GetDocument.aspx?tn=268158&DocumentContentId=105178