

DOCKETED	
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Project Title:	Viracocha Hill Battery Energy Storage System Project
TN #:	264546
Document Title:	Applicant Data Completeness Checklist
Description:	Viracocha Hill BESS 25-OPT-01 Applicant Data Completeness Checklist
Filer:	Sarah Madams
Organization:	Jacobs
Submitter Role:	Applicant Consultant
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July 2, 2025

Attn: Renee Longman
Project Manager
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

Subject: Viracocha Hill BESS Project (25-OPT-01), Compiled Data Completeness Checklist

Dear Ms. Longman

Attached please find Reclaimed Wind LLC's compiled data completeness checklist for the Viracocha Hill BESS Project (25-OPT-01). Should you have any questions about this matter, please contact me at 916.230.0360 or sarah.madams@jacobs.com, or Sam Shantry at 303.905.3029 or sam.shantry@jacobs.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Sarah Madams".

Sarah Madams
Senior Project Manager

Cc: Javier Reguera/Ignis
Jorge Tapia/Salka Energy
Jerry Salamy/Jacobs
Sam Shantry/Jacobs

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete _____ Revision No. _____ Date: _____

Mandatory Opt-In Requirements

Technical Area: _____ Project: Viracocha Hill BESS Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

OPT-IN STATUTES/ REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
AUTHORITY AND VERIFICATION				
Cal. Code Regs., tit. 20 § 1707	Every notice and application shall be dated and signed by the applicant attesting under penalty of perjury to its truth and accuracy.			
"FACILITY" OR "DISCRETIONARY PROJECT" DEFINITION MET				
Cal. Code Regs., tit. 20, § 1877(b); Pub. Resources Code, § 25545(b)	<p>Explanation of how the facility meets one or more of the definitions of "facility":</p> <p>(1) A solar photovoltaic or terrestrial wind electrical generating powerplant with a generating capacity of 50 megawatts or more and any facilities appurtenant thereto.</p> <p>(2) An energy storage system as defined in Section 2835 of the Public Utilities Code that is capable of storing 200 megawatt hours or more of electrical energy.</p> <p>(3) A stationary electrical generating powerplant using any source of thermal energy, with a generating capacity of 50 megawatts or more, excluding any powerplant that burns, uses, or relies on fossil or nuclear fuels.</p>	Section 4.1, page 4-1		

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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.	Section 2.2, page 2-1 through 2-5 Figures 2-1, 2-2		
REQUIREMENTS FOR COVERED PROJECT UNDER THE LABOR CODE				
Cal. Code Regs., tit. 20, § 1877(c)	Certifications required by Public Resources Code sections 25545.3.3 and 25545.3.5.	Section 4.2, page 4-2		
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:	Section 4.2, page 4-2	--	--
Pub. Resources Code, § 25545.3.3(a)	The entirety of the construction of the covered project is a public work.	Not applicable		

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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:	Section 4.2, page 4-2 Appendix 4B Labor Certification	--	--
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.	Section 4.2, page 4-2 Appendix 4B Labor Certification		
Pub. Resources Code, § 25545.3.3(b)(2)	Contractors and subcontractors must pay all construction workers employed in the construction of the project at least the general prevailing rate of per diem wages, except that apprentices registered in programs approved by the Chief of the Division of Apprenticeship Standards may be paid at least the applicable apprentice prevailing rate.	Appendix 4B		

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Pub. Resources Code, § 25545.3.3(b)(3)	Contractors and subcontractors performing construction work on the project shall employ apprentices at no less than the ratio required in the Labor Code section 1777.5.	Appendix 4B		
Pub. Resources Code, § 25545.3.3(b)(4)	Except as provided in (b)(6), all contractors and subcontractors performing construction work shall maintain and verify payroll records pursuant the Labor Code section 1776, make those records available for inspection and copying, and furnish those payroll records to the Labor Commissioner pursuant to the Labor Code section 1771.4.	Appendix 4B		
Pub. Resources Code, § 25545.3.3(b)(5)	Except as provided in (b)(6), the pay prevailing wage provisions listed within this section may be enforced by the Labor Commissioner through the issuance of a civil wage and penalty assessment pursuant to the Labor Code sections 1741, 1742, 1771.2, and 1742.1.	Appendix 4B		
Pub. Resources Code, § 25545.3.3(b)(6)	Paragraphs (b)(4) and (b)(5) do not apply if all contractors and subcontractors performing construction work on the project are subject to a project labor agreement. The project labor agreement shall include, but not be limited to, the following:	--	--	--
Pub. Resources Code, § 25545.3.3(b)(6)(A)	Provisions requiring payment of prevailing wages to all construction workers employed in the construction of the project and for enforcement of that obligation through an arbitration procedure.	Appendix 4B		

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Pub. Resources Code, § 25545.3.3(b)(6)(B)	Targeted hiring provisions, including a targeted hiring plan, on a craft-by-craft basis to address job access for local, disadvantaged, or underrepresented workers, as defined by a relevant local agency.	Appendix 4B		
Pub. Resources Code, § 25545.3.3(b)(6)(C)	Apprenticeship utilization provisions that commit all parties to increasing the share of work performed by state-registered apprentices above the state-mandated minimum ratio required in the Labor Code section 1777.5.	Appendix 4B		
Pub. Resources Code, § 25545.3.3(b)(6)(D)	Apprenticeship utilization provisions that commit all parties to hiring and retaining a certain percentage of state-registered apprentices that have completed the Multi-Craft Core pre-apprenticeship training curriculum referenced in the Unemployment Insurance Code section 14005(t).	Appendix 4B		
Pub. Resources Code, § 25545.3.5	Certify that a skilled and trained workforce will be used to perform all construction work on the project and all of the following apply:	--	--	--
Pub. Resources Code, § 25545.3.5(a)	Require in all contracts for the performance of work that every contractor and subcontractor at every tier will individually use a skilled and trained workforce to construct the project.	Appendix 4B		
Pub. Resources Code, § 25545.3.5(b)	Every contractor and subcontractor must use a skilled and trained workforce to construct the project.	Appendix 4B		

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Pub. Resources Code, § 25545.3.5(c)	Except as provided in (e), contractors and subcontractors that fail to use a skilled and trained workforce shall be subject to the penalties provided in the Public Contract Code section 2603.	Appendix 4B		
Pub. Resources Code, § 25545.3.5(d)	Except as provided in (e), the applicant must retain records, including copies of monthly reports, that demonstrate compliance with the Public Contract Code section 2600 while the project or contract is being performed and for three years after completion of the project or contract. The applicant must submit these records immediately upon request of the commission. When submitted to the commission, these records shall be a public record under the California Public Records Act and shall be open to public inspection.	Appendix 4B		
Pub. Resources Code, § 25545.3.5(e)	(c) and (d) do not apply if all contractors and subcontractors performing work on the project are subject to a project labor agreement. The project labor agreement shall also include, but not be limited to, all of the following:	--	--	--
Pub. Resources Code, § 25545.3.5(e)(1)	Provisions requiring compliance with the skilled and trained workforce requirement and for enforcement of that obligation through an arbitration procedure.	Appendix 4B		

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Pub. Resources Code, § 25545.3.5(e)(2)	Targeted hiring provisions, including a targeted hiring plan, on a craft-by-craft basis to address job access for local, disadvantaged, or underrepresented workers, as defined by a local agency.	Appendix 4B		
Pub. Resources Code, § 25545.3.5(e)(3)	Apprenticeship utilization provisions that commit all parties to increasing the share of work performed by state-registered apprentices above the state-mandated minimum ratio required in the Labor Code section 1777.5.	Appendix 4B		
Pub. Resources Code, § 25545.3.5(e)(4)	Apprenticeship utilization provisions that commit all parties to hiring and retaining a certain percentage of state-registered apprentices that have completed the Multi-Craft Core pre-apprenticeship training curriculum referenced in the Unemployment Insurance Code section 14005(t).	Appendix 4B		
PERMIT APPLICATIONS SUBMITTED (LOCAL, STATE, AND FEDERAL)				
Cal. Code Regs., tit. 20, § 1877(d)	A discussion of whether the applicant has submitted any local, state, or federal permit applications. For any required permit that has not yet been submitted to the relevant state agency, include a plan for submitting the application and any discussions that have occurred with the state agency with authority over the project.	Section 4.3, pages 4-2 through 4-3		
IDENTIFICATION OF WHETHER SITE IS LOCATED AT A PROHIBITED AREA				

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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.	Section 4.4		
NET POSITIVE ECONOMIC BENEFIT TO THE LOCAL GOVERNMENT				
Cal. Code Regs., tit. 20, § 1877(f)	Identify preliminary information demonstrating overall net positive economic benefit to the local government that would have had permitting authority over the site and related facility, consistent with Public Resources Code section 25545.9. Staff must provide the submitted information to the local government for review and comment.	Section 5.10 Socioeconomics Section 4.5 pages 4-3 through 4-4 Appendix 4A		

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Cal. Code Regs., tit. 20 § 1879(a)(7); Pub. Resources Code § 25545.9	... economic benefits may include, but are not limited to the following: (a) Employment growth. (b) Housing development. (c) Infrastructure and environmental improvements. (d) Assistance to public schools and education. (e) Assistance to public safety agencies and departments. (f) Property taxes and sales and use tax revenues.			
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.	Appendix 4A		
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.			
Pub. Resources Code § 21183(a)	The project will result in a minimum investment of \$100,000,000 in California upon completion.	Section 4.7 page 4-5		

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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.	Section 4.7 page 4-5 Appendix 4A		
Pub. Resources Code § 21183(c)	For a project described in Public Resources Code Section 21180(b)(1), (2), and (3), including a wind or solar energy project or a project that manufactures products, equipment, or components used for renewable energy generation, energy efficiency, or to produce clean alternative fuel vehicles, the project does not result in any net additional emission of greenhouse gases, including greenhouse gas emissions from employee transportation. A project is deemed to meet the requirements of this paragraph if the applicant demonstrates compliance with Public Resources Code section 21183.6.	Section 4.7 page 4-5 Section 5.9 Public Health		
Pub. Resources Code § 21183(d)	Demonstrates compliance with the requirements of recycling commercial solid waste and organic solid waste as required under Public Resources Code sections 42649 and 42649.8.	Section 4.7 page 4-5 Section 5.14 Waste Management		

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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.			
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...			
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...			
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.			

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Project Manager: _____ Docket: _____ Technical Senior: _____

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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.	Section 4.7, pages 4-5 through 4-6 Section 5.9 Public Health		

<p>Pub. Resources Code § 21183.6(a)(2)</p>	<p>Demonstrate that the mitigation of the impacts resulting from the emissions of greenhouse gases are achieved in the following priority:</p> <ol style="list-style-type: none"> 1. Direct emissions reductions from the project that also reduce emissions of criteria air pollutants or toxic air contaminants through implementation of project features, project design, or other measures, including, but not limited to, energy efficiency, installation of renewable energy electricity generation, and reductions in vehicle miles traveled. 2. The remaining unmitigated impacts shall be mitigated by direct emissions reductions that also reduce emissions of criteria air pollutants or toxic air contaminants within the same air pollution control district or air quality management district in which the project is located. 3. The remaining unmitigated impacts shall be mitigated through the use of offsets that originate within the same air pollution control district or air quality management district in which the project is located. The offsets shall be undertaken in a manner consistent with the Health and Safety Code section 38500, including, but not limited to, the requirement that the offsets be real, permanent, quantifiable, verifiable, and enforceable, and shall be undertaken from sources in the community in which the project is located or in adjacent communities. 4. The remaining unmitigated impacts shall be mitigated through the use of offsets 	<p>Section 4.7, pages 4-5 through 4-6</p> <p>Section 5.9 Public Health</p>		
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	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

Technical Area: **Air Quality**

Project Manager:

Project: Viracocha Hill BESS

Docket:

Revision No.

Date:

Technical Staff: Hong Zhuang

Technical Senior: Jerry Salamy

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.1.6.1: page 5.1-11 through 5.1-14. Section 5.1.6.2: page 5.1-14 through 5.1-17 Section 5.1.9 : page 5.1-19 to 5.1-27 Appendix 5.1A Appendix 5.1B		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.1.6, 5.1.7, 5.1.8, 5.1.9, 5.1.10. Page 5.1-11 to 5.1-28		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Section 5.1.14: page 5.1-40 to 5.1-41		

DATA COMPLETENESS WORKSHEET

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 Technical Area: **Air Quality** Project: Viracocha Hill BESS Technical Staff: Hong Zhuang
 Project Manager: _____ Docket: _____ Technical Senior: Jerry Salamy

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Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 5.1.3: page 5.1-2 to page 5.1-3 Section 5.1.6 to Section 5.1.10: Page 5.1-11 to 5.1-28		
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Section 5.1.6: page 5.1-11 through 5.1-17 Section 5.1.11, page 5.1-28 to 5.1-39		
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 5.1.9: pages 5.1-19 through 5.1-27		
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 5.1.8: page 5.1-19		

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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.	NA		
Appendix B (g) (8) (E)	The emission rates of criteria pollutants and greenhouse gases (CO ₂ , CH ₄ , N ₂ O, and SF ₆) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	Section 5.1.6.1: page 5.1-11 through 5.1-14		
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.	Section 5.1.6.1: pages 5.1-11 through 5.1-14		
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.	NA		

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Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 5.1.5: pages 5.1-7 through 5.1-10		
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 5.1.9.1: page 5.1-19 through 5.1-27		
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.	NA		

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Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Section 5.1.9: page 5.1-19 through 5.1-27 Figures 5.1-3 and 5.1-4 Other modeling files provided electronically		
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of:	--		
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀) and particulate matter less than 2.5 microns in diameter (PM _{2.5}) from construction-related equipment;	Section 5.1.6.2: page 5.1-14 through 5.1-17		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Technical Area: **Air Quality**

Project Manager:

Project: Viracocha Hill BESS

Docket:

Revision No.

Date:

Technical Staff: Hong Zhuang

Technical Senior: Jerry Salamy

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant (NO _x , SO ₂ , CO, PM ₁₀ , and PM _{2.5}) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions;	Section 5.1.6.1: page 5.1-11 through 14 Section 5.1.9 and 5.1.10: page 5.1-19 to 28		
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a 6-mile radius that have received construction permits but are not yet operational or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard; and	Section 5.1.7: page 5.1-17 through 5.1-19		
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} .	NA		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Air Quality** Project: Viracocha Hill BESS Technical Staff: Hong Zhuang
 Project Manager: _____ Docket: _____ Technical Senior: Jerry Salamy

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under (g)(1), provide <u>the following information:</u>	--	--	
Appendix B (g) (8) (J) (i)	The quantity of offsets or emission reductions that are needed to satisfy air permitting requirements of local permitting agencies (such as the air district), state and federal oversight air agencies, and the California Energy Commission. Identify by criteria air pollutant, and if appropriate, greenhouse gas; and	Section 5.1.7: page 5.1-17 through 5.1-19		
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions;	NA		
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.	NA		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall	Section 5.1.11: page 5.1-28 to 39		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Technical Area: **Air Quality**

Project Manager:

Project: Viracocha Hill BESS

Docket:

Revision No.

Date:

Technical Staff: Hong Zhuang

Technical Senior: Jerry Salamy

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 5.1.12: Table 5.1-17, page 5.1-39		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.1.13: page 5.1-40		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.1.13: page 5.1-40		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Alternatives** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Sections 6.2, 6.3, 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.5 Figure 6-1 Pages 6-1 – 6-3		
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in (f)(1).	Sections 6.3.1, 6.3.2, 6.3.3, 6.3.4, 6.3.5, Figure 6-1 Pages 6-2 – 6-3		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document;	Section 5.2		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.2		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Section 5.2.8, Pages 5.2-55 through 5.2-59		
[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).	pending		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 5.2.1, pages 5.2-4 through 5.2-34 Section 2.5, pages 2-32 through 2-35 Figure 2-6 Section 5.2.4, pages 5.2-45 through 5.2-48 Section 5.2.5, pages 5.2-48 through 5.2-54		
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	Section 5.2.1 Section 5.2.1.2, page 5.2-6 through 5.2-8 Section 5.2.1.4, page 5.2-8 through 5.2-9 Confidential figures pending final surveys Figures 5.2-1 through 5.2-6		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete ___
 Technical Area: **Biological Resources** Project: Viracocha Hill BESS
 Project Manager: _____ Docket: _____
 Revision No. _____ Date: _____
 Technical Staff: _____
 Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Label the biological resources and survey areas as well as the project facilities. Sensitive biological resources include:			
Appendix B (g) (13) (A) (i)	species listed under state or federal Endangered Species Acts;	Sections 5.2.1.5 through 5.2.1.7, pages 5.2-9 through 5.2-23 Appendix 5.2B		
Appendix B (g) (13) (A) (ii)	species receiving consideration during environmental review under CEQA Guidelines 14 CCR Section 15380;	Sections 5.2.1.5 through 5.2.1.7, pages 5.2-9 through 5.2-23 Appendix 5.2B		
Appendix B (g) (13) (A) (iii)	species identified as state Fully Protected;	Sections 5.2.1.5 through 5.2.1.7, pages 5.2-9 through 5.2-23 Appendix 5.2B		
Appendix B (g) (13) (A) (iv)	species covered by Migratory Bird Treaty Act;	Section 5.2.1.7 Pages 5.2-18 through 5.2-22 Appendix 5.2B		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (13) (A) (v)	species and habitats identified by local, state, and federal agencies as needing protection, including but not limited to those identified by the CNDDDB, California Fish and Game Code, Title 14 of the California Code of Regulations, or where applicable, in Local Coastal Programs or in relevant decisions of the California Coastal Commission or other responsible agency;	Sections 5.2.1.5 through 5.2.1.7, pages 5.2-9 through 5.2-23 Appendix 5.2B		
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;	Sections 5.2.1.5 through 5.2.1.7, pages 5.2-9 through 5.2-23 Appendix 5.2B		
Appendix B (g) (13) (A) (vii)	plant species listed as rare under the California Native Plant Protection Act;	Section 5.2.1.6, pages 5.2-10 through 5.2-12 Appendix 5.2B		
Appendix B (g) (13) (A) (viii)	established native resident or migratory wildlife corridors or wildlife nursery sites.	Section 5.2.1.2, page 5.2-6		
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:	Appendix 5.2C		

DATA COMPLETENESS WORKSHEET

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 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (13) (B) (i)	Detailed maps at a scale of 1:6,000 or color aerial photographs taken at a recommended scale of 1-inch equals 500 feet (1:6,000) with a 30 percent overlap (provided under confidential cover) and 1:350,000 (for public viewing) that show the proposed project site and related facilities, biological resources including, but not limited to, those found during project-related field surveys and in records from the CNDDDB, and the associated areas where biological surveys were conducted. Label the biological resources and survey areas as well as the project facilities.	Confidential figures pending final surveys Figures 5.2-1 through 5.2-6		
Appendix B (g) (13) (B) (ii)	Provide an aerial map of the isopleth graphic depicting modeled nitrogen deposition rates. The geographical extent of the nitrogen deposition map(s) should include the entire plume and a radius of 6 (six) miles from the source, specifically identifying acres of sensitive habitat(s) within each isopleth Modeling parameters and files shall be provided.	Section 5.2.2.3, Page 5.2-43		
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	Appendix 5.2A		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	of disturbance if wetlands occur within 250 feet of the project site and/or related facilities that would be included with the U.S. Army Corps of Engineers Section 404 Permit application, Regional Water Quality Control Board (RWQCB) application, or California Department of Fish and Wildlife Section 1600 et seq. permit requirements. For projects 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 electronically		
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,	--		

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 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff: ___
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	breeding habitats, and other appropriate biological resources including the following:			
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.)	Appendix 5.2B		
Appendix B (g) (13) (C) (iii)	Perform nitrogen deposition modeling including the complete citation for references used in determining deposition rates and location. Specify the amount of total annual nitrogen deposition in kilograms of nitrogen per hectare per year (kg N/ha/yr) in special status species habitats and vegetation types for wet and dry deposition. Describe habitat and species potentially affected.	Section 5.2.2.3 Pages 5.2-43 through 5.2-44		
Appendix B (g) (13) (D)	A description and results of all field studies and specialized surveys (e.g., focused and protocol) used to provide biological baseline information about the project site and associated facilities. Include copies of the CNDDDB records and field survey forms completed by the applicant's biologist(s). Identify the date(s) the surveys were completed, methods used to complete the surveys, and the name(s) and qualifications of	Section 5.2.1.8, page 5.2-22 Section 5.2.1.9, pages 5.2-24 through 5.2-34 Appendix 5.2B Appendix 5.2C		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
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 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the biologists conducting the surveys. Include:			
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.	Section 5.2.1.8, page 5.2-22 Section 5.2.1.9, pages 5.2-24 through 5.2-34		
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.	Appendix 5.2A		
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	Section 5.2.2, pages 5.2-34 through 5.2-44		

DATA COMPLETENESS WORKSHEET

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 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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:	Section 5.2.4, pages 5.2-45 through 5.2-48		
Appendix B (g) (13) (F) (i)	All measures proposed to avoid and/or reduce adverse impacts to biological resources.	Section 5.2.4, pages 5.2-43 through 5.2-48		
Appendix B (g) (13) (F) (ii)	All off-site habitat mitigation such as habitat improvement or compensation including management, and an identification of appropriate agency contacts for coordination and verification of proposed habitat mitigation measures.	Section 5.2.4.7, page 5.2-47		
Appendix B (g) (13) (F) (iii)	Educational programs to enhance employee awareness during construction and operation to protect biological resources.	Section 5.2.4.3, page 5.2-46		
Appendix B (g) (13) (G)	A discussion of compliance and monitoring programs to ensure the effectiveness of impact avoidance and mitigation measures incorporated into the project.	Section 5.2.4, pages 5.2-43 through 5.2-48		
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			

DATA COMPLETENESS WORKSHEET

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 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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	Table 5.2-7, pages 5.2-48 through 5.2-54		
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 5.2.6, Pages 5.2-54 through 5.2-55, Table 5.2-8		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if	Section 5.2.6, Pages 5.2-54 through 5.2-55,		

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 Technical Area: **Biological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	Table 5.2-8		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.2.7, Pages 5.2-55		

DATA COMPLETENESS WORKSHEET

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Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A), 1877(a)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document;	Section 5.3, pp 5.3-1 to 5.3-2; Section 5.3.2, pp 5.3-14 to 5.3-16; Section 5.3.3, pp 5.3-16 to 5.3-19		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates); and	Section 5.3.1, pp 5.3-2 to 5.3-16; Section 5.3.4, pp 5.3-19 to 5.3-26		
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.	Sections, 5.3.4.1.2 5.3.10 References, pp 5.3-38 to 5.3-42 Appendix 5.3A Cultural Resources Technical Report - Appendix D, Record Search Results		

DATA COMPLETENESS WORKSHEET

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Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.	Section 5.3, pp 5.3-1 to 5.3-2; Section 5.3.5, pp 5.3-30 to 5.3-32; Section 5.3.7, pp 5.3-32 to 5.3-37		
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.	Section 5.3, p 5.3-1		
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-	Sections 5.3.1.5, 5.3.1.6, 5.3.1.7, pp 5.3-5 to 5.3-14;		

DATA COMPLETENESS WORKSHEET

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Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Section 5.3.1.2, pp 5.3-3 to 5.3-4		
Appendix B (g) (2) (B)	<p>The results of a literature search to identify cultural resources and tribal cultural resources within an area not less than a 1-mile radius around the project site and not less than one-quarter (0.25) mile on each side of the linear facilities. Identify any cultural resources or tribal cultural resources listed pursuant to ordinance by a city or county or recognized by any local historical or archaeological society or museum. Literature searches to identify the above cultural resources and tribal cultural resources must be completed by, or under the direction of, individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.</p> <p>Copies of California Department of Parks and Recreation (DPR) 523 forms (Title</p>	<p>5.3.4.1, pp 5.3-19 to 5.3-26</p> <p>Confidential AFC Appendix 5.3A Cultural Resources Technical Report - Appendix D Records Search Results; Appendix E NAHC Results; Appendix G Historical Society Consultation</p>		

DATA COMPLETENESS WORKSHEET

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Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	14 CCR §4853) shall be provided for all cultural resources and tribal cultural resources (ethnographic, architectural, historical, and archaeological) identified in the literature search as being 45 years or older or of exceptional importance as defined in the National Register Bulletin Guidelines, (36CFR60.4(g)). A copy of the USGS 7.5-minute quadrangle map of the literature search area delineating the areas of all past surveys and noting the California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports 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	Sections 5.3.4.5, 5.3.4.6, pp 5.3-26 to 5.3-30 5.3.5.1, pp 5.3-30 to 5.3-31 Confidential AFC Appendix 5.3A, Cultural Resources Technical Report, Appendix		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>under the direction of) individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.</p> <p>New pedestrian archaeological surveys shall be conducted inclusive of the project site and project linear facility routes, extending to no less than 200 feet around the project site, substations and staging areas, and to no less than 50 feet to either side of the right-of-way of project linear facility routes.</p> <p>New historic architecture field surveys in rural areas shall be conducted inclusive of the project site and the project linear facility routes, extending no less than 0.5 mile out from the proposed plant site and from the 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</p>	<p>A; Appendix B; Appendix C; Appendix D; Appendix E; Appendix F; Appendix G</p>		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<p>identify, inventory, and characterize structures and districts that appear to be older than 45 years or that are exceptionally significant, whatever their age.</p> <p>A technical report of the results of the new surveys, conforming to the Archaeological Resource Management Report format (CA Office of Historic Preservation Feb 1990), which is incorporated by reference in its entirety, shall be separately provided and submitted (under confidential cover if archaeological resource or other sensitive resource locations are included).</p> <p>Information included in the technical report shall also be provided in the application, other sensitive resources, or areas of religious significance) shall be submitted under a request for confidentiality pursuant to California Code of Regulations, title 20, section 2501 et seq.</p> <p>At a minimum, the technical report shall include:</p>			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (2) (C) (i)	The summary from Appendix B (g)(2)(A) and the literature search results from Appendix B (g)(2)(B);	Section 5.3.4.1.1, pp 5.3-19 to 5.3-24, Appendix 5.3D		
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;	Section 5.3.3, pp 5.3-16 to 5.3-19; Section 5.3.4, pp 5.3-19 to 5.3-30		
Appendix B (g) (2) (C) (iii)	Copies of all new and updated DPR 523(A) forms. If a cultural resource or tribal cultural resource may be impacted by the project, also include the appropriate DPR 523 detail form for each such resource;	Appendix 5.3A Cultural Resources Technical Report - Appendix F		
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	Appendix 5.3A Cultural Resources Technical Report – Appendix A, Figures 4 and 5		
Appendix B (g) (2) (C) (v)	The names and qualifications of the cultural resources specialists who contributed to and were responsible for literature searches, surveys, and preparation of the technical report.	Appendix 5.3A Cultural Resources Technical Report - Appendix C		
Appendix B (g) (2) (D) (i)	A copy of the applicant's request to the Native American Heritage Commission (NAHC) for information on Native	Appendix 5.3A Cultural Resources Technical Report – Appendix E		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	American sacred sites and lists of Native Americans interested in the project vicinity, and copies of any correspondence received from the NAHC.			
Appendix B (g) (2) (D) (ii)	A copy of all correspondence sent to Native American individuals and groups listed by the NAHC and copies of all responses. Notification to Native Americans shall include a project description and map.	Appendix 5.3A Cultural Resources Technical Report – Appendix E		
Appendix B (g) (2) (D) (iii)	A written summary of any oral responses.	AFC Section 5.3.4.3, pp. 5.3-25 to 5.3-26		
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;	AFC Section 5.3.6, p 5.3-32		
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	AFC Section 5.3.6, p. 5.3-32		
Appendix B (g) (2) (E) (iii)	Educational programs to enhance employee awareness during construction and operation to protect cultural and tribal cultural resources.	AFC Section 5.3.6, p. 5.3-32		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local,	AFC Section 5.3.7, pp 5.3-32 to 5.3-33		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____

Technical Area: **Cultural Resources and Tribal Cultural Resources** Project: Viracocha Hill BESS

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	AFC Section 5.3.8, pp 5.3-37 to 5.3-38		
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.	AFC Section 5.3.8, pp 5.3-37 to 5.3-38		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the	AFC Section 5.3.9, p. 5.3-38		

DATA COMPLETENESS WORKSHEETCompleteness: Complete ☐ Incomplete ☐Revision No. 0 Date: Technical Area: **Cultural Resources and
Tribal Cultural Resources**Project: Viracocha Hill BESSProject Manager: Docket: Technical Senior:

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

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Efficiency, Energy and**

Energy Resources

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 2	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	Section 2	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 2.7	N/A	N/A
Appendix B (h) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	N/A	N/A	N/A
Appendix B (h) (4) (B)	Annual fuel consumption in BTUs for each mode of operation, including hot restarts and cold starts.	N/A	N/A	N/A
Appendix B (h) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation including starts and shutdowns.	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:

Technical Area: **Efficiency, Energy and Energy Resources** Project: Viracocha Hill BESS Technical Staff:

Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (h) (4) (D)	Number of hours the plant will be operated in each design condition in each year.	Section 2.2.3.1.1, Section 2.4 Pages 2-24, 2-31 – 2-32		
Appendix B (h) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	N/A
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.	Section 6.4 Pages 6.5 – 6-6		
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	N/A	N/A	N/A

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:

Technical Area: **Efficiency, Energy and Energy Resources** Project: Viracocha Hill BESS Technical Staff:

Project Manager: Docket: Technical Senior:

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

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____

Technical Area: **Executive Summary** Project: Viracocha Hill BESS Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	TOC identifies each section. Preparers identified in AFC Appendix 1B and Cultural Resources Appendix 5.3A - C		
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.	Sections 1, 1.2, 2.2.1, Figures 1-1, 1-4, 2-1		
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county, and assessor's parcel numbers.	Section 2.2.1.2		
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Section 2.2, Figures 1-1 and 1-2		
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figures 1-3 and 1-4		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____

Technical Area: **Executive Summary** Project: Viracocha Hill BESS Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities. Provide the direct mailing addresses for the owners and occupants of properties contiguous to the proposed power plant, related facilities, transmission lines, or other linear facilities as shown on the latest equalized assessment roll. Provide a map showing the parcels in the notice area.	Appendix 1A		
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 1.7		
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1, first paragraph		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____

Technical Area: **Executive Summary** Project: Viracocha Hill BESS Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 3, 3.1, Appendix 3A, Section 1.5		
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in (a)(3)(A) and (B).	Section 1.5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Facility Design** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 2, 2-1 through 2-36		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 2, 2-1 through 2-36		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 2.7, page 2-36		
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.	Section 2 2-1 through 2-36 Section 2.2 Section 2.2.1 Appendix 2A Engineering Design Criteria		
Appendix B (h) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 2.2.1 Section 2.2.1.4 Roads, Site Grading, Earthwork Figure 2-3 Figure 2-4		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Facility Design** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	Section 2.2.1 Section 2.2.1.4 Roads, Site Grading, Earthwork Figure 2-3 Figure 2-4		
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:			
Appendix B (h) (1) (D) (i)	The power generation system;	Not Applicable		
Appendix B (h) (1) (D) (ii)	The heat dissipation system;	Not Applicable		
Appendix B (h) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	Not Applicable		
Appendix B (h) (1) (D) (iv)	The atmospheric emission control system;	Not Applicable		
Appendix B (h) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Table 2-1, pg 2-7 through 2-8 Table 2-2, pg 2-9		
Appendix B (h) (1) (D) (vi)	The noise emission abatement system;	Section 5.7 Noise		
Appendix B (h) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	Not Applicable		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Facility Design** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (h) (1) (D) (viii)	Switchyards/transformer systems; and	Section 2.2.1.4 page 2-2 through 2-5 Section 2.2.2.3 Section 3.0 Transmission		
Appendix B (h) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Section 2.2.1.4 page 2-2 through 2-5		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Appendix 2A		
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.	Not applicable		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within	Not applicable		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Facility Design** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Not applicable		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Geological Hazards** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.4 Pages 5.4-1 – 5.4-17		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.4.1 Pages 5.4-1 – 5.4-7		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.4.8 Pages 5.4-16 – 5.4-17		
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	Section 5.4.1 Section 5.4.2 Section 5.4.3 Section 5.4.4 Pages 5.4-1 – 5.4-9		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Geological Hazards** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	Section 5.4.1.3 Pages 5.4-2 – 5.4-3		
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.	Section 5.4.1 Pages 5.4-1 – 5.4-7 Figure 5.4-1 Figure 5.4-2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Geological Hazards** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	Section 5.4.1.4 Figure 5.4-1		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 5.4.5 Table 5.4-1		
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 which would have	Section 5.4.6 Table 5.4-2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Geological Hazards** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.			
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.4.6 Table 5.4-2		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.4.7 Page 5.4-16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete Incomplete

Revision No. _____ Date: _____

Hazardous Materials

Handling

Project: Viracocha Hill BESS

Technical Staff:

Project Manager: _____

Docket: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.5 Page 5.5-1 – 5.5-25		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.5 Page 5.5-1 – 5.5-25		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.5.8 Pages 5.5-24 – 5.5-25		
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	Section 5.5 Page 5.5-1 – 5.5-25		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Hazardous Materials

Technical Area: **Handling**

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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) (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.	Table 5.5.2		
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.	Table 5.5-1, Figure 5.6-1		
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Tables 5.5-2 & 5.5-3		
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in offsite 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.	Sections 5.5.2.4 & 5.5.2.5 Page 5.5-12 – 5.5-14 [Modeling is not necessary due to limited potential for offsite impacts and sparse land use in the region around the Project site. Materials used are generally standard industrial		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:

Technical Area: **Hazardous Materials** Project: Viracocha Hill BESS Technical Staff:

Project Manager: Handling Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
		materials (mineral oils, diesel, etc), and batteries (lithium-ion and lead-acid). The most significant potential off-site impact is fire, discussed in Section 5.16]		
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.	Section 5.5.2.4 Pages 5.5-11 – 5.5-12		
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.5.2.4 Pages 5.5-11 – 5.5-12		
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 5.5.2.5 Pages 5.5-12 – 5.5-14		
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	Table 5.5-5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Hazardous Materials

Technical Area: **Handling**

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Table 5.5-6		
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.	Table 5.5-6		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.5.7 Page 5.5-24 Table 5.5-7		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Land Use** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.6 Pages 5.6-1 – 5.6-24		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.6.1 Pages 5.6-1 – 5.6-8		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.6.8 Pages 5.6-23 – 5.6-24		
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to	Section 5.6.1 Section 5.6.2 Section 5.6.3 Pages 5.6-1 – 5.6-20		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Land Use** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (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:	Section 5.6.1.2 Section 5.6.1.3 Section 5.6.1.4 Section 5.6.1.5 Pages 5.6-1 – 5.6-8		
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;	Section 5.6.1.5 Pages 5.6-2 – 5.6-8		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Land Use** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: ____ Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) (ii)	A discussion of any recent or proposed zone changes and/or general plan amendments; noticed by an elected or appointed board, commission, or similar entity at the state or local level;	Section 5.6.2.2 Pages 5.6-9 – 5.6-19		
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	Section 5.6.1.5 Pages 5.6-2 – 5.6-8		
Appendix B (g) (3) (A) (iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Section 5.6.1.5 Table 5.6-1 Figure 5.6-1 Figure 5.6-2 Pages 5.6-2 – 5.6-8		
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	Section 5.6.2.2 Table 5.6-3 Pages 5.6-9 – 5.6-19		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Land Use** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: ____ Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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	Section 5.6.2.2 Pages 5.6-9 – 5.6-19		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: Land Use Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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:	Section 5.6.1.5 Pages 5.6-2 – 5.6-8 Table 5.6-1 Figure 5.6-3		
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;	Section 5.6.1.3 Section 5.6.1.4 Page 5.6-2		
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	Section 5.6.1.3 Section 5.6.1.4 Page 5.6-2		
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	Section 5.6.1.3 Section 5.6.1.4 Section 5.6.2.2 Table 5.6-3		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Land Use** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: ____ Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	Page 5.6-2, 5.6-9 – 5.6-19		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 5.6.5 Pages 5.6-20 – 5.6-33 Table 5.6-3		
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	Section 5.6.6 Table 5.6-4 Page 5.6-23		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: Land Use Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	authority of the Commission to certify sites and related facilities.			
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Table 5.6-5		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.6.7 Page 5.6-23		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.7.3, pages 5.7-6 through 5.7-11		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.7.3, pages 5.7-6 through 5.7-11		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.7.9, page 5.7-16		
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,	Section 5.7.3, pages 5.7-6 through 5.7-11 Section 5.7.4, pages 5.7-11 through 5.7-12 Section 5.7.5, page 5.7-12		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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) (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.	Figure 5.7-1		
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	Section 5.7.2, pages 5.7-3 through 5.7-6		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for a lesser duration at the applicant's discretion, preferably during the same 25-hour period. The results of the noise level measurements shall be reported as hourly averages in Leq (equivalent sound or noise level), Ldn (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L 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.	Section 5.7.3, pages 5.7-6 through 5.7-11		
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places	Section 5.7.3, pages 5.7-6 through 5.7-11		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.			
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Section 5.7.3, pages 5.7-6 through 5.7-11		
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.	Section 5.7.3.3, pages 5.7-10 through 5.7-11		
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 5.7-11 Section 5.7.6 pages 5.7-12 through 5.7-16.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Table 5.7-11, Section 5.7.6, pages 5.7-12 through 5.7-16.		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.7.7, page 5.7-16		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has	Section 5.7.8, page 5.7-16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: _____
 Technical Area: **Noise** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	taken or plans to take to obtain such permits.			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Paleontological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.8 Pages 5.8.1 – 5.8.11		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.8.1 Pages 5.8.1 – 5.8.4		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.8.9 Page 5.8.11		
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	Section 5.8 Pages 5.8.1 – 5.8.11		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Paleontological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (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.	Section 5.8.1.1, Section 5.8.1.2.1, Section 5.8.1.2.2 Pages 5.8.1 – 5.8.4		
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.	Section 5.8.2, Section 5.8.3.1, Figure 5.8-1 Pages 5.8.5 – 5.8.7		
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	Section 5.8.1.2.2, Section 5.8.1.2.3 Pages 5.8.4 – 5.8.5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Paleontological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	and qualifications of the individuals conducting the surveys.			
Appendix B (g) (16) (D)	Information on the specific location of known palaeontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, showing occurrences of fossil finds, if known, within a 1-mile radius of the project and related facilities shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to California Code of Regulations, title 20, section 2501 et seq.	Appendix 5.8A (Confidential)		
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known palaeontologic resources, and a set of contingency measures for mitigation of potential impacts to unknown paleontological resources.	Section 5.8.5 Page 5.8.8		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall	Section 5.8.6 Table 5.8-3 Pages 5.8.8 – 5.8.10		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Paleontological Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 5.8.6 Page 5.8.9		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.8.7 Table 5.8-4 Page 5.8.10		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.8.8 Page 5.8.11		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Project: Viracocha Hill BESS Revision No. _____ Date: _____

Technical Area: **Project Description (formerly in Project Overview)** Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (b) (1)	In a section entitled, "Generation Facility Description, Design, and Operation" provide:	-		
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), (or appropriate map scale agreed to by staff) along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Confidential Appendix 1A Property Owners		
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);	Figures 2-1 and 2-2		
Appendix B (b) (1) (C)	A detailed description of the design, methods of construction (include depth of excavations and other ground disturbances) and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 2.2.1, pages 2-1 through 2-15 Section 2.2.2, pages 2-15 through 2-19 Figures 2.5a through 2.5c		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Project: Viracocha Hill BESS Revision No. _____ Date: _____

Technical Area: **Project Description (formerly in Project Overview)** Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected, and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and other factors considered by the applicant.	Section 6, Alternatives		
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);	Figures 1-1, 1-4, 2-1		
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.	Figure 1-5		
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as	Section 2.2.1.4, page 2-2 through 2-5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____

**Project Description
(formerly in Project
Overview)** Project: Viracocha Hill BESS

Technical Area: _____ Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights-of-way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Section 2.2.2.3, page 2-20		
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints; and	Section 3 and Section 6		
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.	Appendix 3A		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Project: Viracocha Hill BESS Revision No. _____ Date: _____

**Project Description
(formerly in Project
Overview)**

Technical Area: _____ Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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 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:	Not Applicable		
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;	Not Applicable		
Appendix B (b) (3) (B)	Full-page color photographic reproductions of the geothermal leaseholds;	Not Applicable		
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,	Not Applicable		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Project: Viracocha Hill BESS Revision No. _____ Date: _____

**Project Description
(formerly in Project
Overview)**

Technical Area: _____ Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;			
Appendix B (b) (3) (D)	A detailed description of the type, quality, and characteristics of the geothermal resource, including pressure and temperature flow rates, constituents and concentrations of non-condensable gases, and constituent concentrations of dissolved solids, and descriptions and concentrations of any substances potentially harmful to public health and safety or to the environment;	Not Applicable		
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	Not Applicable		
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.	Not Applicable		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____

Project Description
(formerly in Project Overview) Project: Viracocha Hill BESS

Technical Area: _____ Technical Staff: _____

Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 2.2.4, page 2-25 through 2-26		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____

Revision No. ____ Date: ____

Technical Area: **Public Health**

Project: Viracocha Hill BESS

Technical Staff: ____

Project Manager: Sarah Madams

Docket: ____

Technical Senior: ____

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.	Sections 5.9.3.3 and 5.9.3.4 pages 5.9-4 through 5.9-9.		
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	Sections 5.9.3.5, 5.9.4, 5.9.5, and 5.9.6 pages 5.9-9 through 5.9-13.		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.9.10 pages 5.9-16 through 5.9-17.		
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	Section 5.9, Sections 5.9.1 through 5.9.3 pages 5.9-1 through 5.9-12.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete ___

Revision No. ___ Date: _____

Technical Area: **Public Health**

Project: Viracocha Hill BESS

Technical Staff: _____

Project Manager: Sarah Madams

Docket: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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).	Section 5.9.3.5 pages 5.9-9 through 5.9-12.		
Appendix B (g) (9) (B)	A listing of the input data and output results, in both electronic and print formats, used to	Provided as separate electronic file		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:

Technical Area: Public Health Project: Viracocha Hill BESS Technical Staff:

Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Section 5.9.5 page 5.9-13.		
Appendix B (g) (9) (D)	A map showing sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 5.5-1		
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;	Section 5.9.2 pages 5.9-1 through 5.9-2.		
Appendix B (g) (9) (E) (ii)	An acute exposure is one that occurs over a time period of less than or equal to one (1) hour; and	Section 5.9.3 pages 5.9-2 through 5.9-3.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:

Technical Area: Public Health Project: Viracocha Hill BESS Technical Staff:

Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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.	Section 5.9.3 pages 5.9-2 through 5.9-3.		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 5.9.7 pages 5.9-13 through 5.9-15.		
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	Section 5.9.8 page 5.9-16.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____

Technical Area: Public Health Project: Viracocha Hill BESS Technical Staff: ____

Project Manager: Sarah Madams Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	authority of the Commission to certify sites and related facilities.			
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.9.8, page 5.9-16		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.9.9 page 5.9-16.		

DATA COMPLETNESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Reliability** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	N/A	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	N/A	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	N/A	N/A	N/A
Appendix B (h) (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		
Appendix B (h) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the	Section 2.3.2.1, 2.4 Pages 2-27, 2-31 – 2-32		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Reliability** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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;	Section 2.2.3, 2.2.3.1.1, 2.3.1.1, 2.3.1.2 Pages 2-24 – 2-26		
Appendix B (h) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	Section 2.3.1, 2.3.1.1, 2.3.1.2 Page 2-26		
Appendix B (h) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	Section 5.15.1.6, Section 5.4, 5.4.1.3, 5.4.2.2 Pages 5.15-5, 5.4-9, Appendix 5.4A and 5.4B		
Appendix B (h) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability including equipment redundancy; and	Sections 2.3.2.1, 2.3.2.2 Page 2-27		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Reliability** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
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	See individual sections		
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,	Appendix 1D, see individual sections		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
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 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Appendix 1C, see individual sections		
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.	See individual sections.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.10 Pages 5.10-1 – 5.10-18		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.10 Pages 5.10-1 – 5.10-18		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.10.8 Pages 5.10-16 – 5.10-18,		
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,	Section 5.10.1 Section 5.10.2 Section 5.10.4 Pages 5.10-1 – 5.10-14, 5.10-14		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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:	Section 5.10.1 Pages 5.10-1 – 5.10-6		
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;	Section 5.10.1.3 Section 5.10.1.4 Pages 5.10-2 – 5.10-4		
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 5.10.1.1 Pages 5.10-1 – 5.10-2		
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Section 5.10.1.3 Page 5.10-3		
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by occupation required for construction and operation of the project;	Section 5.10.2.3 Page 5.10-9		
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing and current vacancy rate; and	Section 5.10.1.2 Page 5.10-2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: ____ Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (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.	Section 5.10.1.5 Section 5.10.1.6 Section 5.10.1.7 Pages 5.10-4 – 5.10-6		
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:	Section 5.10.2.3 Section 5.10.2.4 Pages 5.10-7 – 5.10-11 Pages 5.10-11 – 5.10-13		
Appendix B (g) (7) (B) (i)	An estimate of the number of workers to be employed each month by occupation during construction, and for operations, an estimate of the number of	Section 5.10.2.3 Section 5.10.2.4 Pages 5.10-7 – 5.10-8 Page 5.10-11		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-9 Page 5.10-11		
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-9 Page 5.10-11		
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-9 Page 5.10-12		
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 or more, information on schools	Section 5.10.2.3 Page 5.10-11 Section 5.10.2.4 Page 5.10-13		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;	Section 5.10.5 Page 5.10-14		
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;	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-10 Page 5.10-12		
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project;	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-10 Page 5.10-12		
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost (plant and equipment) of the project;	Section 5.10.2.3 Page 5.10-10		
Appendix B (g) (7) (B) (x)	An estimate of sales taxes generated during construction and separately during an operational year of the project;	Section 5.10.2.3 Section 5.10.2.4 Pages 5.10-10 – 5.10-11 Page 5.10-12		
Appendix B (g) (7) (B) (xi)	An estimate of property taxes generated during an operational year of the project;	Section 5.10.2.4 Page 5.10-12		
Appendix B (g) (7) (B) (xii)	The expected direct, indirect, and induced income and employment	Section 5.10.2.3 Section 5.10.2.4 Page 5.10-10		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	effects due to construction and operation of the project; and	Page 5.10-12		
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.	Section 5.10.2.4 Pages 5.10-13 – 5.10-14		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Section 5.10.5 Pages 5.10-14 – 5.10-15		
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,	Section 5.10.6 Page 5.10-16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. ____ Date: ____
 Technical Area: **Socioeconomics** Project: Viracocha Hill BESS Technical Staff: ____
 Project Manager: ____ Docket: ____ Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	but for the exclusive authority of the Commission to certify sites and related facilities.			
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.10.6 Page 5.10-16		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.10.7 Page 5.10-16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Soils** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

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.	Sections 5.11.1 – 5.11.8 Pages 5.11-1 – 5.11-17	Yes	None.
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	Sections 5.11.1 Pages 5.11-1 – 5.11-4	Yes	None.
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.11.8 Pages 5.11-16 – 5.11-17	Yes	None.
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	Sections 5.11.1 - 5.11.4 Pages 5.11-1 – 5.11-10	Yes	None.

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Soils** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figure 5.11-1; Page 5.11-3		
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil;	Section 5.11.1.2 Pages 5.11-1 – 5.11-4		
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	Section 5.11.1.2 Pages 5.11-1 – 5.11-4		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Soils** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	pollutants in the soil-vegetation system;			
Appendix B (g) (15) (A) (iii)	The location of any proposed fill disposal or fill procurement (borrow) sites; and	Section 5.11.2 Pages 5.11-5 – 5.11-10		
Appendix B (g) (15) (A) (iv)	The location of any contaminated soils that could be disturbed by project construction.	Section 5.11.2.2.1, Section 5.14.1.1 Pages 5.11-5 – 5.11-6		
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:	Section 5.11.2 Pages 5.11-5 – 5.11-10		
Appendix B (g) (15) (B) (i)	The quantification of accelerated soil loss due to wind and water erosion; and	Section 5.11.2 Pages 5.11-5 – 5.11-10		
Appendix B (g) (15) (B) (ii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 5.11.2 Pages 5.11-5 – 5.11-10		
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	Section 5.11.5 Table 5.11-3 Pages 5.11-10 – 5.11-12		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Soils** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 5.11.5 Table 5.11-4 Pages 5.11-10 – 5.11-12		
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.	Table 5.11-4 Pages 5.11-15 – 5.11.16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ___ Incomplete ___
 Technical Area: **Soils** Project: Viracocha Hill BESS Revision No. ___ Date: _____
 Project Manager: _____ Docket: _____ Technical Staff: _____
 Technical Senior: _____

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.	Section 5.11.7 Page 5.11-16		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.12 Pages 5.12-1 – 5.12-33		
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	Not applicable.		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.12.9 Pages 5.12-33		
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to	Section 5.12.1 Section 5.12.2 Section 5.12.3 Section 5.12.5 Pages 5.12-1 – 5.12-18, 5.12-24		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Section 5.12.1 Figures 5.12-1 & 5.12-2 Pages 5.12-1 – 5.12-9		
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	Section 5.12.1.6 Pages 5.12-9		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	navigation generated by the project during construction or operation; such as, a thermal plume, a visible water vapor plume, glare, electrical interference, or surface structure height. The discussion should include:			
Appendix B (g) (5) (B) (i)	A map at a scale of 1:24,000 that displays the airport or airstrip runway configuration, the airport influence area including all safety zones, and the proposed power plant site and related facilities.	Not applicable. No airport within 4 miles.		
Appendix B (g) (5) (B) (ii)	A thermal plume analysis that describes the plume's velocity;	Not applicable.		
Appendix B (g) (5) (B) (iii)	A discussion of the project's conformance with applicable Airport Land Use Compatibility Plan policies; and	Not applicable.		
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.	Not applicable.		
Appendix B (g) (5) (C)	An evaluation of the project's potential impacts related to vehicle miles traveled (VMT) that may include:	Section 15.12.2.4 Page 5.12-17		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (5) (C) (i)	The local jurisdiction's thresholds of significance;	Section 15.12.2.4 Page 5.12-17		
Appendix B (g) (5) (C) (ii)	Methodologies (such as local VMT Evaluation Tool);	Section 15.12.2.4 Page 5.12-17		
Appendix B (g) (5) (C) (iii)	VMT heat maps; and	Not applicable. The project results in fewer than 110 trips per day, the project is assumed to cause less than significant transportation impact. Therefore, a detailed VMT analysis (including VMT heat maps) is not required.		
Appendix B (g) (5) (C) (iv)	Transportation demand management plans and any documents supporting the project applicant's CEQA determination.	Not applicable. Project is assumed to cause less-than-significant transportation impact. Therefore, a transportation demand management plan is not needed.		
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	Section 5.12.1 Figure 5.12-2 Pages 5.12-1 – 5.12-9		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	identified, include the following, where applicable:			
Appendix B (g) (5) (D) (i)	Road classification and design capacity;	Section 5.12.1.1 Pages 5.12-1 – 5.12-8		
Appendix B (g) (5) (D) (ii)	Current daily average and peak traffic counts;	Section 5.12.1.1 Pages 5.12-1 – 5.12-8		
Appendix B (g) (5) (D) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Section 5.12.1.1 Pages 5.12-1 – 5.12-8 Section 5.12.2 Pages 5.12-9 – 5.12-18		
Appendix B (g) (5) (D) (iv)	Weight and load limitations;	Section 5.12.1.2 Page 5.12-8		
Appendix B (g) (5) (D) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Section 5.12.1.1.4 Page 5.12-4 – 5.12-7		
Appendix B (g) (5) (D) (vi)	An identification of any road features affecting public safety.	Section 5.12.1 Pages 5.12-1 – 5.12-9		
Appendix B (g) (5) (E)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified in (g)(5)(D). Also include anticipated project specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact	Section 5.12.2 Pages 5.12-9 – 5.12-18		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	of construction of any facilities identified in (g)(5)(D). Include:			
Appendix B (g) (5) (E) (i)	Estimated one-way trip lengths for workers, deliveries, and truck haul trips generated by the construction of the project.	Section 5.12.2 Pages 5.12-9 – 5.12-18		
Appendix B (g) (5) (E) (ii)	Description of public roadways and intersections temporarily or permanently altered by construction and operation including the duration of activities.	Section 5.12.2 Pages 5.12-9 – 5.12-18		
Appendix B (g) (5) (F)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Section 5.12.3 Page 5.12-18		
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	Section 5.12.6 Table 5.12-9 Pages 5.12-24 – 5.12-31		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Section 5.12.8 Table 5.12-10 Pages 5.12-32 – 5.12-33		
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.12.8 Table 5.12-10 Pages 5.12-32 – 5.12-33		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of	Section 5.12.8 Table 5.12-11		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____ Revision No. 0 Date: 1/24/2025
 Technical Area: **Traffic and Transportation** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: _____ Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Pages 5.12-32 – 5.12-33		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Transmission System**

Project Manager: **Safety and Nuisance**

Project: Viracocha Hill BESS

Docket:

Technical Staff:

Technical Senior:

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)	<u>Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.</u>	Section 3	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	<u>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</u>	Section 3	N/A	N/A
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	<u>A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.</u>	Section 3	N/A	N/A
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials	Confidential Appendix 3A, Section 2.5 and 3.2.2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete _____

Revision No. _____ Date: _____

Technical Area: **Transmission System**

Project Manager: **Safety and Nuisance**

Project: Viracocha Hill BESS

Technical Staff: _____

Docket: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (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.	Confidential Appendix 3A		
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 3.3, 3.4, 3.5, 3.5.1 Pages 3-2 – 3-6		
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 3.3, 3.4, 3.5, 3.5.1 Pages 3-2 – 3-6		
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 them but could proposed project, and a	See individual subject areas		

DATA COMPLETENESS WORKSHEET

Completeness: Complete _____ Incomplete _____

Revision No. ____ Date: _____

Technical Area: **Transmission System**

Project Manager: **Safety and Nuisance**

Project: Viracocha Hill BESS

Technical Staff: _____

Docket: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and			
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Appendix 1 D. See individual subject areas		
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.	Appendix 1C. See individual subject areas		
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.	See individual subject areas		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Transmission System**

Project Manager: **Design**

Project: Viracocha Hill BESS

Technical Staff:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 3 Electrical Transmission Line		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 3 Electrical Transmission Line		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference.	Section 3 Electrical Transmission Line		
Appendix B (h) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 3.2.2 and 3.2.4 Page 3-2 and Confidential AFC Appendix 3A		
Appendix B (h) (2) (B)	A discussion of the extent to which the proposed electric transmission	Section 3.2.2 Page 3-2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Transmission System**

Design

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	and Confidential AFC Appendix 3A		
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators.	Section 3.1, 3.2, and 3.2.1 Pages 3-1 – 3-1, Figure 3-1, and Confidential AFC Appendix 3A		
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 6 Pages 6-1 – 6-6 and Confidential AFC Appendix 3A		
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards,	See individual subject areas.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Transmission System**

Design

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	See appendix 1D and individual subject areas		
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.	See appendix 1C and individual subject areas		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Revision No. Date:

Technical Area: **Transmission System**

Design

Project: Viracocha Hill BESS

Technical Staff:

Project Manager:

Docket:

Technical Senior:

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.	See individual subject areas.		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: Sarah Madams Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.13.2.1, pages 5.13-6 through 5.13-12		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.13.5, page 5.13-35 through 5.13-39		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.13.8, pages 5.13-39-5.13-40		
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,	Section 5.13.1, 5.13-1 through 5.13-6 Section 5.13.2.3, pages 5.13-15 through 5.13-32 Section 5.13.3, page 5.13-35 Section 5.13.4, page 5.13-35		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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:	Section 5.13.1, 5.13-1 through 5.13-6		
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:	Figure 5.13.1, Table 5.13-1, page 5.13-2 through 5.13-4		
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.	Figure 5.13.1, Table 5.13-1, page 5.13-2 through 5.13-4		
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), geomorphologic feature (e.g.,	Figure 5.13.1, Table 5.13-1, page 5.13-2 through 5.13-4		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Figure 5.13.1, Table 5.13-1, page 5.13-2 through 5.13-4		
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?	Section 5.13.2.3, pages 5.13-15		
Appendix B (g) (6) (A) (ii)	Describe the existing nighttime lighting on the project site and in the vicinity.	Section 5.13.2.1, page 5.13-12 Section 5.13.2.3, page 5.13-32		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. _____ Date: _____
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff: _____
 Project Manager: Sarah Madams Docket: _____ Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (B)	In accordance with CEQA Guidelines as found in 14 CCR Division 6, Chapter 3, Appendix G Environmental Checklist Form, I. Aesthetics c, if the project is to be constructed within an "urbanized area" as defined in Public Resources Code section 21071, explain the project's conformance with the city/county General Plan, and city municipal code or county government code (e.g., zoning) governing scenic quality.	Section 5.13.2.4, page 5.13-32 through 5.13-34		
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:	Section 5.13.1.3, page 5.13-6 Section 5.13.2.3, pages 5.13-15 through 5.13-32		
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.	Figure 5.13.2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (C) (ii)	If an object of aesthetic significance is not in the vicinity of the project, a KOP is to be selected based on importance to stakeholders, visibility, direct public selection, worst-case scenario, or other reason. Explain the reason the KOP was chosen. At a minimum two KOPs are to be selected.	Section 5.13.2.3, pages 5.13-15 through 5.13-32		
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.	Figure 5.13-3a		
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	Figure 5.13-3b		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	construction (existing condition plus proposed project).			
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.	Figure 5.13-3a, Figure 5.13-3b		
Appendix B (g) (6) (C) (vi)	Provide a copy of the KOP photograph(s) and photo-realistic simulation(s) in an electronic file.	Provided separately as electronic file.		
Appendix B (g) (6) (D)	Show and describe the project in the landscape.	Section 1 Executive Summary Figures 1-2, 1-3, 1-4 Section 5.13.2, pages 3.13-6 through 3.13-34		
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).	Section 1, Figure 1-3 Section 2, Figure 2-1, Figure 2-2;		
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.	Table 5.13-4, page 5.13-13		
Appendix B (g) (6) (D) (iii)	Describe project specific architectural treatment or design	Section 5.13.2.2, pages 5.13-12 through 5.13-13		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	technique mitigation unique to the project's siting at the location (e.g., camouflage, disguise, screen), if any.			
Appendix B (g) (6) (D) (iv)	Provide a project specific conceptual landscape design plan that conforms with the city municipal code or county government code. Include:	N/A		
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.	N/A		
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.	Pending		
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.	Pending		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (D) (v) a.	Provide a list of the project-specific luminaires, identify the design (e.g., full cutoff, semi cutoff, non cutoff) and indicate if the luminaires have the International Dark-Sky Association Fixture Seal of Approval to the extent feasible consistent with safety and security considerations. Show the project-specific luminaires locations on a diagram or elevation.	Pending		
Appendix B (g) (6) (D) (v) b.	Describe reflectance, the intensity of the specular reflectance from the exterior surface of the project's large buildings, structures, and major equipment offsite to the surrounding area (e.g., the light reflected from the shiny surface). The reflectance of the object—how bright it shines—depends on the intensity of the light striking it and the materials from which it is made (e.g., glass, reinforced concrete, structural steel).	Section 5.13.2.2, page 5.13-13		
Appendix B (g) (6) (E)	If the project is to use a cooling tower emitting a publicly visible water vapor plume (visible plume) in the atmosphere provide the following information:	N/A		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (g) (6) (E) (i)	Provide the cooling tower's number of fan cells, the fan cell stack height and diameter, the exhaust mass flow rate, heat rejection rate, and exhaust temperature.	N/A		
Appendix B (g) (6) (E) (ii)	Provide fogging curves specific to the cooling tower's exhaust discharge for at least three ambient air temperature conditions (a low, average, and high temperature condition).	N/A		
Appendix B (g) (6) (E) (iii)	Explain if the project's forecasted visible plume emitted in the atmosphere by the cooling tower would eliminate or obstruct an existing public view of a designated or recognized scenic vista, scenic resource, and the existing visual character or quality of public views of the site and its surroundings.	N/A		
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	Section 5.13.5, pages 5.13-35 through 5.13-36 Table 5.13-13		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Visual Resources** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Table 5.13-14, Section 5.13.6, page 5.13-39		
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.	Table 5.13-14, page 5.13-39		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has	Section 5.13.7		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: Visual Resources Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Sarah Madams Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	taken or plans to take to obtain such permits.			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Waste Management** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.14 Pages 5.14-1 – 5.14-17		
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.14.1.1 Page 5.14-1		
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;_	Section 5.15.8 Pages 5.14-16 – 5.14-17		
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the	Section 5.14.1 Pages 5.14-1 – 5.14-4		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Waste Management** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	approach, list or projection or a combination, used to develop the cumulative setting for the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
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.	Section 5.14.1.1 Page 5.14-1		
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or	Section 5.14.1.2.1 Table 5.14-1 Section 5.14.1.2.2 Table 5.14-2		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Waste Management** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Pages 5.14-1 – 5.14-4		
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.	Section 5.14.2.3.1 Table 5.14-3 Pages 5.14-5 – 5.14-7		
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.	Section 5.14.2.3 Pages 5.14-5 – 5.14-8		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Waste Management** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (1) (A)	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed; and	Table 5.14-4		
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.	Table 5.14-5		
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.	Table 5.14-5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Waste Management** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

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.	Section 5.14.7 Page 5.14-16		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.15 Pages 5.15-1 – 5.15-21		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.15 Pages 5.15-1 – 5.15-21		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.15.7 Pages 5.15-20 – 5.15-21		
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	Sections 5.15.1 through 5.15.4 Pages 5.15-1 – 5.15-12		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

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);	Not Applicable		
Appendix B (g) (14) (A) (ii)	Construction and Industrial Waste Discharge or Industrial Pretreatment permits from wastewater treatment agencies;	Not Applicable		
Appendix B (g) (14) (A) (iii)	Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and	Not Applicable		
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.	Not Applicable		
Appendix B (g) (14) (B)	A detailed description of the hydrologic setting of the project. The information shall include a narrative discussion and on maps at a scale of 1:24,000 (or appropriate scale	Section 5.15.1.3 Figure 5.15-1 Section 5.15.1.4 Pages 5.15-2 – 5.15-4		

Completeness: Complete ☐ Incomplete ☐
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET

Project: Viracocha Hill BESS

Docket: _____

Revision No. _____ Date: _____

Technical Staff: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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;	Section 5.15.1.5 Figure 5.15-2 Pages 5.15-5 – 5.15-6		
Appendix B (g) (14) (B) (ii)	Surface water bodies;	Section 5.15.1.3 Figure 5.15-1 Pages 5.15-2, 5.15-4		
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;	Section 5.15.1.6 Figure 5.15-3 Pages 5.15-5, 5.15-7		
Appendix B (g) (14) (B) (iv)	Flood control facilities (existing and proposed); and	Sections 5.15.1.7 and 5.15.2.3 Pages 5.15-5, 5.15-8 – 5.15-11		
Appendix B (g) (14) (B) (v)	Groundwater wells within ½ mile if the project will include pumping.	Section 5.15.1.5 Figure 5.15-2 Pages 5.15-5 – 5.15-6		
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;	Section 5.15.2.1 Pages 5.15-8 – 5.15-29		
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	Section 5.15.2.1 Pages 5.15-8 – 5.15-9		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	inorganic constituents before and after any project-related treatment. For source waters with seasonal variation, provide seasonal ranges of the expected physical and chemical characteristics. Provide copies of background material used to create this description (that is, laboratory analysis);			
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project;	Section 5.15.2.1 Pages 5.15-8 – 5.15-9		
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;	Section 5.15.2.1 Pages 5.15-8 – 5.15-9		
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,	Section 5.15.2.1 Pages 5.15-8 – 5.15-9		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET

Project: Viracocha Hill BESS

Docket: _____

Revision No. ____ Date: _____

Technical Staff: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	identify the most likely water purveyor and discuss the necessary assurances from the water purveyor to serve the project;			
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);	--		
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	--		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

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) (viii)	<p>For all projects which have a discharge, provide a copy of the will-serve letter, permit or contract with the public or private entity that will be accepting the wastewater and contact storm water from the project. The letter, permit or contract, if possible, shall identify the discharge volumes and the chemical or physical characteristics under which the wastewater and contact storm water will be accepted.</p> <p>In the event that a will-serve letter, permit, or contract cannot be provided, identify the most likely wastewater/storm water entity and discuss why the applicant was unable to secure the necessary assurances to serve the project's wastewater/storm water needs. Also, discuss the term of the 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</p>	--		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	life of the project, and any issues or conditions/restrictions the wastewater entity may impose on the project.			
Appendix B (g) (14) (D)	Identify all project elements associated with stormwater drainage, including a description of the following:	--		
Appendix B (g) (14) (D) (i)	Monthly and seasonal precipitation and stormwater runoff and drainage patterns for the proposed site and surrounding area that may be affected by the project's construction and operation;	Sections 5.15.1.2 and 5.15.1.7 Pages 5.15-1, 5.15-5		
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;	Section 5.15.2.3 Figure 2-3 Figure 2-4 Pages 5.15-10 – 5.15-11		
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	Appendix 5.15A		
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.	Section 5.15.2.3 Section 5.15.5.2		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET

Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

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) (E)	An impacts analysis of the proposed project on water resources and a discussion of conformance with water-related LORS and policy. This discussion shall include:	--		
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source, including, but not limited to, water availability for other uses during construction or after the power plant begins operation, consistency of the water use with applicable RWQCB basin plans or other applicable resource management plans, and any changes in the physical or chemical conditions of existing water supplies as a result of water use by the power plant;	Section 5.15.2.1 Page 5.15-8		
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	Not applicable		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET

Project: Viracocha Hill BESS

Docket: _____

Revision No. ____ Date: _____

Technical Staff: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	conditions of groundwater resources shall be provided;			
Appendix B (g) (14) (iii)	The effects of construction activities and plant operation on water quality and to what extent these effects could be mitigated by best management practices;	Section 5.15.2.3 Pages 5.15-9 – 5.15-11		
Appendix B (g) (14) (iv)	If not using a zero liquid discharge project design for cooling and process waters, include the effects of the proposed wastewater disposal method on receiving waters, the feasibility of using pre-treatment techniques to reduce impacts, and beneficial uses of the receiving waters. Include an explanation why the zero liquid discharge process is "environmentally undesirable," or "economically unsound;"	Not applicable		
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;"	Section 5.15.1.7.1 and 5.15.1.7.2		
Appendix B (g) (14) (vi)	The effects of the project on the 100-year flood plain, flooding	Section 5.15.2.4 Page 5.15-11		

Completeness: Complete ____ Incomplete ____
 Technical Area: **Water Resources**
 Project Manager: _____

DATA ADEQUACY WORKSHEET
 Project: Viracocha Hill BESS
 Docket: _____

Revision No. ____ Date: ____
 Technical Staff: ____
 Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	potential of adjacent lands or water bodies, or other water inundation zones; and			
Appendix B (g) (14) (vii)	All assumptions, evidence, references, and calculations used in the analysis to assess these effects.	Section 5.15 Pages 5.15-1 – 5.15-10		
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	Section 5.15.5 Table 5.15-2 Pages 5.15-12 – 5.15-19		
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.	Table 5.15-3		

Completeness: Complete ____ Incomplete ____

Technical Area: **Water Resources**

Project Manager: _____

DATA ADEQUACY WORKSHEET

Project: Viracocha Hill BESS

Docket: _____

Revision No. ____ Date: _____

Technical Staff: _____

Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Table 5.15-3		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.15.6 Table 5.15-3 Pages 5.15-19 – 5.15-20		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐

Technical Area: **Wildfire**

Project: Viracocha Hill BESS

Revision No. _____ Date: _____

Project Manager: _____

Docket: _____

Technical Staff: _____

Technical Senior: _____

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.	Sections 5.16.1 (pages 5.16-1 through 5.16-6), 5.16.2 (pages 5.16-6 through 5.16-10), 5.16.3 (pages 5.16-10), and 5.16.5 (pages 5.16-11 through 5.16-19)		
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	Sections 5.16.1 (pages 5.16-1 through 5.16-6), 5.16.2 (pages 5.16-6 through 5.16-10), 5.16.3 (pages 5.16-10), and 5.16.5 (pages 5.16-11 through 5.16-19)		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference;	Section 5.16.8 (pages 5.16-20 through 5.16-21), along with Sections 5.16.2.2 (pages 5.16-7 through 5.16-10) and 5.16.5 (pages 5.16-11 through 5.16-19)		
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation. Describe the approach, list or projection or a combination, used to develop the cumulative setting for	Section 5.16.1 (pages 5.16-1 through 5.16-6), Sections 5.16.2.2 and 5.16.3 (pages 5.16-7 through 5.16-10), Section 5.16.4 (page 5.16-11). Section 5.16.3 (page 5.16-10). Table 5.16-2 (pages 5.16-11 through 5.16-12).		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Wildfire** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	the proposed project. Include any reference materials used such as general plan or other adopted local, regional, or statewide plan.			
Appendix B (g) (19) (A)	A map showing State Responsibility Areas (SRA,) as defined in Public Resources Code section 4102, relative to the proposed project.	Figure 5.16.1		
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.	Figure 5.16.2		
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.	Section 5.16.1.8 (pages 5.16-3 through 5.16-6) and Section 5.16.2.2 (pages 5.16-7 and 5.16.-8)		
Appendix B (g) (19) (C) (ii)	A discussion of how potential project pollutants could be contained onsite during a wildfire event.	Section 5.16.2.2 (pages 5.16-8 and 5.16-9)		
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	Section 5.16.2.2 (pages 5.16-9)		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐
 Technical Area: **Wildfire** Project: Viracocha Hill BESS
 Project Manager: _____ Docket: _____ Revision No. _____ Date: _____
 Technical Staff: _____
 Technical Senior: _____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE 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.	Section 5.16.2.2 (page 5.16-10)		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Worker Safety** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Section 5.17 Pages 5.17-1 – 5.17-20		
Cal. Code Regs. Tit. 20 § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Section 5.17.1 Page 5.17-1		
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.	Section 5.17.6 Page 5.17-20		
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	Section 5.17 Section 5.17.1 Section 5.17.2 Pages 5.17-1 – 5.17-5		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ____ Incomplete ____

Revision No. ____ Date: ____

Technical Area: **Worker Safety**

Project: Viracocha Hill BESS

Technical Staff: ____

Project Manager: ____

Docket: ____

Technical Senior: ____

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	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.	Section 5.17.2.3 Page 5.17-5		
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 2.3.3.1.2, page 2-31 Section 5.5.2.5, page 5.5-12 Section 5.17.2.4 Page 5.17-13		
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:	Section 5.17.2.3 Page 5.17-5		
	<ul style="list-style-type: none"> Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509); 	Section 5.17.2.4 Page 5.17-5		
	<ul style="list-style-type: none"> Fire Protection and Prevention Plan (8 Cal. Code Regs., section 1920); 	Section 5.17.2.3 Pages 5.17-5 – 5.17-6		
	<ul style="list-style-type: none"> Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522) 	Section 5.17.2.3 Pages 5.17-8 – 5.17-9		
	Operation Health and Safety Program:			
	<ul style="list-style-type: none"> Injury and Illness Prevention Program (8 Cal. Code Regs., §3203); 			

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Worker Safety** Project: Viracocha Hill BESS Technical Staff:
 Project Manager: Docket: Technical Senior:

SITING REGULATIONS	INFORMATION	APPLICATION SECTION NUMBER AND PAGE NUMBER	COMPLETE YES OR NO	INFORMATION REQUIRED TO MAKE APPLICATION CONFORM WITH REGULATIONS
	<ul style="list-style-type: none"> Fire Prevention Plan (8 Cal. Code Regs., § 3221); 	Section 5.17.2.4 Page 5.17-9		
	<ul style="list-style-type: none"> Emergency Action Plan (8 Cal. Code Regs., § 3220); 	Section 5.17.2.3 Page 5.17-9		
	<ul style="list-style-type: none"> Personal Protective Equipment Program (8 Cal. Code Regs., §§3401-3411). 	Section 5.17.2.3 Pages 5.17-9 – 5.17-10		
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	Section 5.17.3 Table 5.17-5		
Appendix B (i) (1) (B)	Tables that identify each agency with jurisdiction to issue applicable permits, leases, and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies that would have permit approval or enforcement authority, but for the exclusive authority of the Commission to certify sites and related facilities.	Section 5.17.3 Table 5.17-5 & Table 5.17-6		

DATA COMPLETENESS WORKSHEET

Completeness: Complete ☐ Incomplete ☐ Revision No. Date:
 Technical Area: **Worker Safety** Project: Viracocha Hill BESS Technical Staff:
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Appendix B (i) (2)	The name, title, phone number, address (required), and email address (if known), of an official who was contacted within each agency, and provide the name of the official who will serve as a contact person for Commission staff.	Section 5.17.4 Table 5.17-6		
Appendix B (i) (3)	A schedule indicating when permits outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.17.5 Table 5.17.7		