

<b>DOCKETED</b>	
<b>Docket Number:</b>	26-OPT-01
<b>Project Title:</b>	Vaca Dixon Power Center Project
<b>TN #:</b>	268142
<b>Document Title:</b>	Cover Letter and CEC Opt-In Application Matrix_VDPC
<b>Description:</b>	Cover letter to the CEC regarding the Opt-In Application for the Certification of the Project and matrix identifying location of CEC Appendix B requirements within the Opt-In Application (Chapters 1 through 6).
<b>Filer:</b>	Grace Myers
<b>Organization:</b>	Rincon Consultants, Inc.
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	1/6/2026 12:06:30 PM
<b>Docketed Date:</b>	1/6/2026



January 6, 2026

Vaca Dixon BESS LLC and Arges BESS LLC  
4350 Executive Drive, Suite 320  
San Diego, California 92121

**Subject: Vaca Dixon Power Center Project Opt-In Application**

Dear Mr. Knight:

In accordance with the provisions of Title 20, California Code of Regulations, Section 1704, Appendix B, Vaca Dixon BESS LLC/Arges BESS LLC (Applicants) hereby submit this Opt-In Application, seeking authority to construct, operate, and eventually repower or decommission the Vaca Dixon Power Center Project (Project). The Project would be located on an approximately 10-acre site within the City of Vacaville in Solano County, California. The project includes two battery energy storage system (BESS) facilities; the Vaca Dixon BESS (57 megawatts [MW], 57 megawatt-hours [MWh]), and the Arges BESS (100 MW, 400 MWh), along with associated switchyard facilities, access roads, stormwater infrastructure, fencing, and control enclosures. The Vaca Dixon 57 MWh BESS would connect via a new 13.8-kilovolt (kV) overhead line to the existing 13.8/115 kV generator step-up transformer at the CalPeak Power Vaca Dixon Peaker Plant (VDPP), which is already tied to the adjacent Pacific Gas and Electric (PG&E) Vaca-Dixon Substation located north of Interstate-80 (I-80). The Arges 400 MWh BESS would connect to the PG&E substation through a new approximately 2,350-foot 115 kV overhead transmission intertie (gen-tie) line. For approximately 1,500 feet, the 13.8 kV and 115 kV gen-tie circuits would be co-located on shared steel monopole structures to cross I-80 and reach the PG&E substation parcel. The remaining span would connect the Vaca Dixon 57 MWh BESS to the VDPP transformer and the Arges 400 MWh BESS to the PG&E Vaca-Dixon Substation. The project would operate 24 hours per day, 7 days a week, 365 days a year, for a 35-year anticipated lifespan.

To facilitate your review of the application, we have attached a table showing the locations within this application where specific Opt-In Application requirements, including Appendix B requirements, are addressed.

Please contact us if you have any questions, concerns, or need any assistance as the California Energy Commission reviews our application package for the Vaca Dixon Power Center Project. We look forward to hearing from and working with you during the application process.

Sincerely,

A handwritten signature in black ink, appearing to read "D. Harmon".

Dan Harmon  
Senior Vice President  
Vaca Dixon BESS LLC and Arges BESS LLC

**Attachments**

Table 1 CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix



## CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
<b>(a) Executive Summary</b>		<b>Opt-In Application Chapter1, Executive Summary</b>		
<b>(1) Project Overview</b>				
(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.	Section 1.1, <i>Project Overview</i>	See referenced source document	
(B)	Identification of the location of the proposed site and related facilities by section, township, range, county, and assessor's parcel numbers.	Table 1-1, <i>Project Site Assessor's Parcel Numbers</i>	See referenced source document	
(C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Figure 1-1 <i>Regional Location and Project Vicinity</i>	See referenced source document	
(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.	Figure 5.5-1 through Figure 5.5-6b, Section 5.5, <i>Visual Resources</i>	Visual simulations that satisfy this requirement are available in the referenced source document	
(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.	Confidential Appendix A, <i>Property Owners Information</i>	See referenced source document	
<b>(2) Project Schedule</b>				
Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.		Section 1.2, <i>Project Schedule</i>	See referenced source document	
<b>(3) Project Ownership</b>				
(A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, the 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 1.3.1, <i>Project Applicant, Owner, and Operator</i>	See referenced source document	
(B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.3.1, <i>Project Applicant, Owner, and Operator</i>	See referenced source document	
(C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Section 1.3.1, <i>Project Applicant, Owner, and Operator</i>	See referenced source document	
<b>(b) Project Description</b>		<b>Opt-In Application Chapter2, Project Description</b>		
<b>(1) Generation Facility Description, Design, and Operation</b>				
(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.	Figure 2-3, <i>Project Parcels</i>	See referenced source document	
(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).	Figure 2-2, <i>Project Area and Components</i> Appendix C, <i>Project Plan Set</i>	See referenced source document	
(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.	Section 2.1, <i>Facility Description, Design, and Operation</i> Section 2.1.4, <i>Operations Methods and Activities</i> Section 2.1.5, <i>Water Supply and Use</i> Section 2.1.6, <i>Grading, Stormwater, and Drainage</i> Section 2.1.7, <i>Waste Management</i> Section 2.1.10, <i>Emergency Power</i> Section 2.1.11, <i>Auxiliary Systems</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(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 any other factors considered by the applicant.	Section 2.1.14 BESS Facilities Selection Section 2.2.1, Transmission Facilities Selection Section 6.1, Project Site Selection	See referenced source document	
<b>(2)</b>	<b>Transmission Lines Description, Design, and Operation</b>			
(A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figure 2-1, Regional Location Figure 2-10, Existing Transmission Lines Within One Mile of the Project Site	See referenced source document	Requested 10/9
(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.	Figures 5.5-3a and Figure 5.5-4b include existing and simulated views of the above ground section of the transmission line route.	See referenced source document	
(C)	A detailed description of the design, construction and operation of any electric transmission facilities, such as powerlines, 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, Transmission Lines Description, Design, and Operation Section 2.3, Project Construction	See referenced source document	Need to confirm schedule w/TH
(D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints; and	Section 2.2.1, Transmission Facilities Selection	See referenced source document	R. Ray prepared draft 9/26/24
(E)	A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact Study agreement and proof of payment to the interconnecting utility.  If the interconnection and operation of the proposed project will likely impact a transmission system that is not controlled by the interconnecting utility (or California Independent System Operator), provide evidence of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.	Appendix E, Interconnection Agreement and QC14 Phase 2 Study	See referenced source document	
<b>(3)</b>	<b>Applications for Geothermal Facilities</b>			
(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 (N/A)	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
(B)	Full-page color photographic reproductions of the geothermal leaseholds;	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
(C)	A description of the process by which the geothermal leasehold was selected and the consideration given to engineering constraints, site geology, environmental impacts, water, steam, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.  Include references to any environmental documents which address steam field development;	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
(D)	A detailed description of the type, quality, and characteristics of the geothermal resource, including pressure and temperature flow rates, constituents and concentrations of non-condensable gases, and constituent concentrations of dissolved solids, and descriptions and concentrations of any substances potentially harmful to public health and safety or to the environment;	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
(E)	Proposed locations of production and re-injection wells for the project. Include the applicant's assessment of geothermal resource adequacy, including the production history of those wells within the leaseholds dedicated to the project, including pressure decline curves as available; and	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
(F)	A discussion of the potential impacts on the temperature, mineral content, and rate of flow of thermal springs affected by the project.	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	N/A
<b>(c) Reserved</b>		<b>N/A</b>		
	No requirements under this section.	N/A	N/A	N/A

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
<b>(d) Information for Projects Which Completed the NOI Process</b>		N/A		
(1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.	N/A	This Project has not completed the CEC's NOI process. Therefore, this section is not applicable.	N/A
(2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	N/A	This Project has not completed the CEC's NOI process. Therefore, this section is not applicable.	N/A
<b>(e) Facility Closure</b>		<b>Opt-In Application Chapter 3, Facility Closure</b>		
(1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 3.1, <i>Temporary Closure</i> Section 3.2, <i>Permanent Closure</i>	See referenced source document	
<b>(f) Alternatives</b>		<b>Opt-In Application Chapter 6, Alternatives</b>		
(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.	Chapter 6, <i>Alternatives</i>	See referenced source document	
(2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Chapter 6, <i>Alternatives</i>	See referenced source document	
<b>(g) Environmental Information</b>		<b>Opt-In Application Chapter 5, Environmental Analysis</b>		
(1)	General Information: For each technical area listed below, 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 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. Additional requirements specific to each technical area are listed below.	All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Environmental Setting" that includes existing regional and site conditions. All 17 sections also include a subsection titled "Impact Analysis" that provides a discussion of direct, indirect, and cumulative impacts related to Project construction, operation and maintenance, and closure, in addition to required mitigation measures to reduce impacts.  <i>Cumulative Projects</i> in Chapter 5, <i>Environmental Analysis</i> , describes the approach used to develop the cumulative setting and a list of cumulative projects is included in Table 51 with references to sources of cumulative project information.	See referenced source document	
<b>(2) Cultural Resources and Tribal Cultural Resources</b>		<b>Opt-In Application Section 5.1, Cultural Resources and Tribal Cultural Resources</b>		
(g)(1)	...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.	Section 5.1.1, <i>Environmental Setting</i> Section 5.1.3, <i>Impact Analysis</i> Section 5.1.4, <i>Cumulative Impacts</i>	See referenced source document	
(A)	A summary of the ethnology, prehistory, and history of the region with emphasis on the area within no more than a 5-mile radius of the project location. This regional summary must address the potential for buried cultural resources and tribal cultural resources to occur in the project area. The summary, together with literature search results, must inform the field methods employed for identifying cultural resources and tribal cultural resources in the project area.	Section 5.1.1, <i>Environmental Setting</i> Section 5.1.1.7, <i>California Historical Resources Information System Research</i> Section 5.1.3.1, <i>Methodology</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(B)	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.	Section 5.1.1.5, <i>Resources Inventory</i> Section 5.1.1.7, <i>California Historical Resources Information System Research</i> Table 5.1-1, <i>Built Environment Identified Within Cultural Resources Study Area</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(B)	Copies of California Department of Parks and Recreation (DPR) 523 forms (Title 14 CCR §4853) shall be provided for all cultural resources and tribal cultural resources (ethnographic, architectural, historical, and archaeological) identified in the literature search as being 45 years or older or of exceptional importance as defined in the National Register Bulletin Guidelines (36CFR60.4 (g)). A copy of the USGS 7.5-minute quadrangle map of the literature search area delineating the areas of all past surveys and noting the California Historical Resources Information System (CHRIS) identifying number shall be provided. Copies also shall be provided of all technical reports 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.	Confidential Appendix F, <i>Cultural Resources Technical Report</i> Appendix F.A, <i>California Historical Resources Information Search Results</i> Appendix F.C, <i>California Department of Parks and Recreation 523 Series Forms</i>	See referenced source document	
(C)	The results of new cultural resource and tribal cultural 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 five (5) years old. Surveys to identify new cultural resources and tribal cultural resources must be completed by (or under the direction of) individuals who meet the Secretary of the Interior's Professional Standards for the technical area addressed.	Section 5.1.1.6, <i>Archival Research</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(C)	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.	Section 5.1.1.5, <i>Resources Inventory</i> Section 5.1.1.6, <i>Archival Research</i> Table 5.1-1, <i>Built Environment Properties Identified Within Cultural Resources Study Area</i> Section 5.1.1.7, <i>California Historical Resources Information System Research</i> Section 5.1.1.9, <i>Archeological Field Survey and Results</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source documents The pedestrian surveys were limited to the Project Area exclusively as access to adjacent properties was not granted at the time of the surveys. The Project includes adjacent landowners that are not participating in the land transaction and are not required to provide access.	
(C)	New historic architecture field surveys in rural areas shall be conducted inclusive of the project site and the project linear facility routes, extending no less than 0.5 mile out from the proposed plant site and from the routes of all above-ground linear facilities. New historic architecture field surveys in urban and suburban areas shall be conducted inclusive of the project site, extending no less than one parcel's distance from all proposed plant site boundaries. New historic architecture field reconnaissance ("windshield survey") in urban and suburban areas shall be conducted along the routes of all linear facilities to identify, inventory, and characterize structures and districts that appear to be older than 45 years or that are exceptionally significant, whatever their age.	Section 5.1.1.5, <i>Resources Inventory</i> Section 5.1.1.10, <i>Architectural Survey and Results</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i> Appendix F.A, <i>California Historical Resources Information Search Results</i>	See referenced source document	
(C)	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). Information included in the technical report shall also be provided in the application, except that confidential information (archaeological sites, other sensitive resources, or areas of religious significance) shall be submitted under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq. At a minimum, the technical report shall include the following:	Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(C)	(i) The summary from Appendix B (g)(2)(A) and the literature search results from Appendix B (g)(2)(B).	Section 5.1.1.5, <i>Resources Inventory</i> Section 5.1.1.7, <i>California Historical Resources Information System Research</i> Table 5.1-1, <i>Built Environment Identified Within Cultural Resources Study Area</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(C)	(ii) The survey procedures and methodology used to identify cultural and tribal cultural resources and a discussion of the cultural and tribal cultural resources identified by the survey.	Section 5.1.1.5, <i>Resources Inventory</i> Section 5.1.3.1, <i>Methodology</i> Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(C)	(iii) Copies of all new and updated DPR 523(A) forms. If a cultural resource or tribal cultural resource may be impacted by the project, also include the appropriate DPR 523 detail form for each such resource.	Confidential Appendix F, <i>Cultural Resources Technical Report</i> Appendix F.C, <i>California Department of Parks and Recreation 523 Series Forms</i>	See referenced source document	
(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).	Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(C)	(v) The names and qualifications of the cultural resources specialists who contributed to and were responsible for literature searches, surveys, and preparation of the technical report.	Confidential Appendix F, <i>Cultural Resources Technical Report</i>	See referenced source document	
(D)	Provide: <ul style="list-style-type: none"><li>▪ A copy of the applicant's request to the Native American Heritage Commission (NAHC) for information on Native American sacred sites and lists of Native Americans interested in the project vicinity, and copies of any correspondence received from the NAHC.</li><li>▪ 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.</li><li>▪ A written summary of any oral responses.</li></ul>	Confidential Appendix F, <i>Cultural Resources Technical Report</i> Appendix F.B, <i>AB 52-specific contact list/Sacred Lands File Search Results</i>	See referenced source document	
(E)	Include in the discussion of proposed mitigation measures required by subdivision (g)(1): <ul style="list-style-type: none"><li>(i) A discussion of measures proposed to mitigate project impacts to known cultural and tribal cultural resources;</li><li>(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;</li><li>(iii) Educational programs to enhance employee awareness during construction and operation to protect cultural and tribal cultural resources.</li></ul>	Section 5.1.3, <i>Impact Analysis</i> , Impact CUL-2, <i>Mitigation Measures</i> ; Impact CUL-3, <i>Mitigation Measures</i>	See referenced source document	
<b>(3)</b>	<b>Land Use</b>	<b>Opt-In Application Section 5.2, Land Use</b>		
(g)(1)	...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.	Section 5.2.1, <i>Environmental Setting</i> Section 5.2.3, <i>Impact Analysis</i>	See referenced source document	
(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 5.2.1, <i>Environmental Setting</i>	See referenced source document	
(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 5.2.1.5, <i>Physical Land Uses within One Mile of the Project Site</i>	See referenced source document	
(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 5.2.1.7, <i>Recent Proposed Zone Changes and General Plan Amendments</i>	See referenced source document.	
(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 5.2.5, <i>Laws, Ordinances, Regulations, and Standards</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(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 5.2.1, <i>Environmental Setting</i> Figure 5.2-2, <i>Land Use Designations Within One Mile of the Project Site</i> Figure 5.23, <i>Zoning Designations</i> Figure 5.2-4, <i>Agricultural Uses Within One Mile of the Project Site</i> Figure 5.2-5, <i>Farmland Designations Within One Mile of the Project Site</i> Figure 5.2-6, <i>Existing Williamson Act Contracts Within One Mile of the Project Site</i>	See referenced source document	
(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 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.	Section 5.2.3, <i>Impact Analysis</i>	See referenced source document	
(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 linear and temporary laydown or staging area, will be located on a single legal parcel. The merger need not occur prior to a decision on the Application but must be completed prior to the start of construction.	Section 5.2.1, <i>Environmental Setting</i> Section 1.3.1, <i>Project Applicant, Owner, and Operator</i>		
(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: <ul style="list-style-type: none"> <li>(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; and</li> <li>(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</li> <li>(iii) Direct, indirect, and cumulative effects on agricultural land uses. If the proposed site or related facilities are subject to an Agricultural Land Conservation contract, provide a written copy and a discussion of the status of the expiration or canceling of such contract.</li> </ul>	Section 5.2.1.5, <i>Physical Land Uses within One Mile of the Project Site</i> Section 5.2.3, <i>Impact Analysis</i> , Impact LU-4 Section 5.2.4, <i>Cumulative Impacts</i> Figure 5.2-2, <i>Land Use Designations Within One Mile of the Project Site</i> Figure 5.2-3, <i>Zoning Designations</i> Figure 5.2-4, <i>Agricultural Uses Within One Mile of the Project Site</i> Figure 5.2-5, <i>Farmland Designations Within One Mile of the Project Site</i> Figure 5.2-6, <i>Existing Williamson Act Contracts Within One Mile of the Project Site</i>	See referenced source document	
<b>(4) Noise</b>		<b>Opt-In Application Section 5.3, Noise</b>		
(g)(1)	...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.	Section 5.3.1, <i>Environmental Setting</i> Section 5.3.3, <i>Impact Analysis</i>	See referenced source document	
(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 5.3-1, <i>Location of Sensitive Receptors</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be 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 L10, L50, and L90 values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported in units of dB(A).	Section 5.3.1.3, Existing Baseline Noise Environment Table 5.3-1, Short-Term (ST) Noise Level Measurement Results Table 5.3-2, Percentile Noise Level Descriptors (dBA) – Short Term (ST) Measurements Table 5.3-3, 24-Hour Long-Term (LT-1) Noise Measurement Results Table 5.3-4, 25-Hour Long-Term (LT-1) Noise Measurement Results Table 5.3-5, Percentile Noise Level Descriptors (dBA) – Long Term Measurement (LT-1) Table 5.3-6, 24-Hour Long-Term (LT-2) Noise Measurement Results Table 5.3-7, 25-Hour Long-Term (LT-2) Noise Measurement Results Table 5.3-8, Percentile Noise Level Descriptors (dBA) – Long Term Measurement (LT-2) Table 5.3-9, Short-Term Noise Level Measurement Results Table 5.3-10, Long-Term Noise Measurement Results Appendix I, Noise Study Appendix I.B, Ambient Noise Data	See referenced source document	
(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 5.3.3.2, Impact Evaluation Criteria Appendix I, Noise Study	See referenced source document	
(D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Section 5.3.3.2, Impact Evaluation Criteria Table 5.3-13, Estimated Noise Levels by Construction Phase at Surrounding Land Uses Figure 5.3-4, Receptor Locations and Operational Noise Contours Appendix I, Noise Study	See referenced source document	
(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 5.3.3.1, Methodology and Significance Thresholds Appendix I, Noise Study Appendix I.C, Construction Noise Modeling Data	See referenced source document	
(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 5.3.3, Impact Analysis, Impact NOI-1 Appendix I, Noise Study Appendix I.D, Operational Noise Modeling Data	See referenced source document	
<b>(5)</b>	<b>Traffic and Transportation</b>	<b>Opt-In Application Section 5.4, Traffic and Transportation</b>		
(g)(1)	...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.	Section 5.4.1, Environmental Setting Section 5.4.3, Impact Analysis		
(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.	Figure 5.4-1, Regional Transportation Facilities	See referenced source document	

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(B)	<p>If the proposed project including any linear facility is to be located within four miles of an airport, a planned or proposed airport runway, or an airport runway under construction, discuss the project's compliance with the applicable sections of the current Federal Aviation Regulation Part 77 - Safe, Efficient Use, and Preservation of the Navigable Airspace, specifically any potential to obstruct or impede air navigation generated by the project during construction or operation; such as, a thermal plume, a visible water vapor plume, glare, electrical interference, or surface structure height. The discussion should include:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) A thermal plume analysis that describes the plume's velocity;</li> <li>(iii) A discussion of the project's conformance with applicable Airport Land Use Compatibility Plan policies; and</li> <li>(iv) Copies of FAA Form 7460-1, Notice of Proposed Construction or Alteration, that were submitted or approved for any project component requiring notice.</li> </ul>	Section 5.4.1.1, <i>Existing Regional and Local Transportation Facilities</i>	<p>See referenced source document. The project would be located within four miles of the Nut Tree Airport. A discussion of conformity with FAA requirements is included in the referenced source documents.</p>	
(C)	<p>An evaluation of the project's potential impacts related to vehicle miles traveled (VMT) that may include:</p> <ul style="list-style-type: none"> <li>(i) The local jurisdiction's thresholds of significance;</li> <li>(ii) Methodologies (such as local VMT Evaluation Tool);</li> <li>(iii) VMT heat maps; and</li> <li>(iv) Transportation demand management plans and any documents supporting the project applicant's CEQA determination.</li> </ul>	Section 5.4.3, <i>Impact Analysis, Impact TRA-2</i> Appendix L, <i>Transportation Impact Study</i>	See referenced source document	
(D)	<p>An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines (including light rail), bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:</p> <ul style="list-style-type: none"> <li>(i) Road classification and design capacity;</li> <li>(ii) Current daily average and peak traffic counts;</li> <li>(iii) Current and projected levels of service before project development, during construction, and during project operation;</li> <li>(iv) Weight and load limitations;</li> <li>(v) Estimated percentage of current traffic flows for passenger vehicles and trucks; and</li> <li>(vi) An identification of any road features affecting public safety.</li> </ul>	Section 5.4.1.1, <i>Existing Regional and Local Transportation Facilities</i> Figure 5.4-2, <i>Local Transportation Facilities Overview</i> Section 5.4.1.2, <i>Existing Traffic Conditions and Level of Service</i> Appendix L, <i>Transportation Impact Study</i>	See referenced source documents	
(E)	<p>An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified in subsection (g)(5)(D). Also include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(D). Include:</p> <ul style="list-style-type: none"> <li>(i) Estimated one-way trip lengths for workers, deliveries, and truck haul trips generated by the construction of the project.</li> <li>(ii) Description of public roadways and intersections temporarily or permanently altered by construction and operation including the duration of activities.</li> </ul>	Section 5.4.3, <i>Impact Analysis, Impact TRA-1</i> Appendix L, <i>Transportation Impact Study</i>	See referenced source documents.	
(F)	<p>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.</p>	Section 5.4.3, <i>Impact Analysis, Impact TRA-5</i>	See referenced source document	
<b>(6) Visual Resources</b>		<b>Opt-In Application Section 5.5, Visual Resources</b>		
(g)(1)	<p>...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.</p>	Section 5.5.1, <i>Environmental Setting</i> Section 5.5.3, <i>Impact Analysis</i>	See referenced source document	

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(A)	<p>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 above-ground project-related linear facilities. Include:</p> <ul style="list-style-type: none"> <li>(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: <ul style="list-style-type: none"> <li>a. Any designated scenic vista and scenic resource in an adopted federal, state, county, or city government planning document, plan, or regulation.</li> <li>b. A natural feature or object that is a part of the land, such as a geologic distinguishing characteristic (e.g., laccolith), geomorphologic feature (e.g., gorge), or other terrain feature (e.g., a water body, open space, or tree recognized for its aesthetic, botanical, and ecological value, or age, rarity, and size).</li> <li>c. A man-made feature or object that embodies the 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.</li> <li>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 sharp in contrast?</li> </ul> </li> </ul>	Section 5.5.3, <i>Impact Analysis</i>		
(A)	(ii) Describe the existing nighttime lighting on the project site and in the vicinity.	Section 5.5.3, <i>Impact Analysis</i>	See referenced source document	Section 5.5.1.2, <i>Project Site and Vicinity</i>
(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 5.5.3, <i>Impact Analysis</i> , <i>Impact VIS-3</i>	See referenced source document	
(C)	<p>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:</p> <ul style="list-style-type: none"> <li>(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.</li> <li>(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.</li> <li>(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.</li> <li>(iv) Using the photograph from the KOP provide a spatially accurate and realistically photo manipulated computer simulated image of the project (photo-realistic simulation) one-year after completion of construction (existing condition plus proposed project).</li> <li>(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.</li> <li>(vi) Provide a copy of the KOP photograph(s) and photo-realistic simulation(s) in an electronic file.</li> </ul>	Section 5.5.3, <i>Impact Analysis</i> , <i>Impact VIS-3</i>	See referenced source document	

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(D)	<p>Show and describe the project in the landscape.</p> <p>(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).</p> <p>(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.</p> <p>(iii) Describe project specific architectural treatment or design technique mitigation unique to the project's siting at the location (e.g., camouflage, disguise, screen), if any.</p> <p>(iv) Provide a project specific conceptual landscape design plan that conforms with the city municipal code or county government code. Include:</p> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul> <p>(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.</p> <ul style="list-style-type: none"> <li>a. Provide a list of the project-specific luminaires, identify the design (e.g., full cutoff, semi cutoff, noncutoff) 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.</li> <li>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).</li> </ul>	<p>Section 5.5.3, <i>Impact Analysis</i></p> <p>Appendix C, <i>Project Plan Set</i></p> <p>Figure 2-4, <i>Vaca Dixon Power Center Project Site Plan – Full Site</i></p> <p>Appendix N, <i>Lighting Plan</i></p> <p>Section 5.5.3, <i>Impact Analysis, Impact VIS-4</i></p> <p>Section 5.5.3.1, <i>Project Lighting</i></p>		
(E)	<p>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:</p> <p>(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.</p> <p>(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).</p> <p>(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.</p>	N/A		There are no Project components that would produce visible water vapor plumes.
(7)	<b>Socioeconomics</b>	<b>Opt-In Application Section 5.6, Socioeconomics</b>		
(g)(1)	...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.	<p>Section 5.6.1, <i>Environmental Setting</i></p> <p>Section 5.6.3, <i>Impact Analysis</i></p>		
(A)	<p>A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:</p> <p>(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;</p> <p>(ii) The social characteristics, including population and demographic and community trends;</p> <p>(iii) Existing and projected unemployment rates;</p> <p>(iv) Availability of skilled workers by occupation required for construction and operation of the project;</p> <p>(v) Availability of temporary and permanent housing and current vacancy rate; and</p> <p>(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 construction schedule.</p>	<p>Section 5.6.1, <i>Environmental Setting</i></p> <p>Section 5.6.3, <i>Impact Analysis</i></p> <p>Appendix Q, <i>Socioeconomic Technical Report</i></p>	See referenced source document	

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(B)	<p>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:</p> <ul style="list-style-type: none"> <li>(i) An estimate of the number of workers to be employed each month by occupation during construction, and for operations, an estimate of the number of permanent operations workers during a year;</li> <li>(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;</li> <li>(iii) An estimate of the potential population increase caused directly and indirectly by the project;</li> <li>(iv) The potential impact of population increase on housing during the construction and operations phases;</li> <li>(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 protection, emergency services, parks and recreation facilities, libraries, and other public facilities. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operating phases;</li> <li>(vi) An estimate of applicable school impact fees;</li> <li>(vii) An estimate of the total construction payroll and separate estimates of the total operation payroll for permanent and short-term (contract) operations employees;</li> <li>(viii) An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project;</li> <li>(ix) An estimate of the capital cost (plant and equipment) of the project.</li> <li>(x) An estimate of sales taxes generated during construction and separately during an operational year of the project.</li> <li>(xi) An estimate of property taxes generated during an operational year of the project.</li> <li>(xii) The expected direct, indirect, and induced income and employment effects due to construction and operation of the project; and</li> <li>(xiii) A discussion of impacts to environmental justice populations by technical areas and whether any impacts would disproportionately affect the environmental justice populations.</li> </ul>	<p>Section 5.6.3, <i>Impact Analysis</i>  Section 5.6.3.3, <i>Environmental Justice</i>  Appendix Q, <i>Socioeconomic Technical Report</i></p>	See referenced source documents	
(8)	<b>Air Quality</b>	<b>Opt-In Application Section 5.7, Air Quality</b>		
(g)(1)	...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.	<p>Section 5.7.1, <i>Environmental Setting</i>  Section 5.7.3, <i>Impact Analysis</i></p>	See referenced source document	
(A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	<p>Section 5.7.3.1, <i>Methodology</i>  Appendix R, <i>Air Quality and Greenhouse Gas Emissions Study</i></p>	See referenced source document	
(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.	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	
(C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 5.7.3, <i>Impact Analysis, Impact AQ-3</i>	See referenced source document	
(D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	N/A	This Project is not a geothermal facility. Therefore, this section is not applicable.	
(E)	The emission rates of criteria pollutants and greenhouse gases (CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O, and SF <sub>6</sub> ) from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all on-site secondary emission sources.	<p>Section 5.7.3, <i>Impact Analysis</i>  Section 5.7.3.1, <i>Methodology</i>  Appendix R, <i>Air Quality and Greenhouse Gas Emissions Study</i>  Appendix R.B, <i>CalEEMod Output Files</i></p>	See referenced source document	
(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 5.7.3, <i>Impact Analysis</i>	See referenced source document	

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(F)	(ii) A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the commercial operations date, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests.	N/A	The Project is not a stationary source facility and does not include a planned initial commissioning phase.	
(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 5.7.1.3, <i>Background Air Quality</i>	See referenced source document	
(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 district.  (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.  (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.	Appendix R, <i>Air Quality and Greenhouse Gas Emissions Study</i>	See referenced source documents	
(I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:  (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 (PM10) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NOx), sulfur dioxide (SO2), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM10) and particulate matter less than 2.5 microns in diameter (PM2.5) from construction-related equipment;  (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 (NOx, SO2, CO and PM10 and PM2.5) 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; and  (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 six mile radius which 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.  (iv) an air dispersion modeling analyses of the impacts of the initial commissioning phase emissions on state and federal ambient air quality standards for NOx, SO2, CO, PM10 and PM2.5.	Section 5.7.3, <i>Impact Analysis</i> Section 5.7.4, <i>Cumulative Impacts</i> Appendix R, <i>Air Quality and Greenhouse Gas Emissions Study</i>	See referenced source document	
(J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:  (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  (ii) Potential offset sources, including location, and quantity of emission reductions.	N/A	Based on the planned project emission detailed in Section 5.7.3, <i>Impact Analysis</i> , of Section 5.7 Air Quality, emission offset strategies are not planned to be implemented.	
(K)	A detailed description of the mitigation, if any, which an applicant may propose, for all project 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.	Based on planned criteria pollutant emissions, mitigation is not proposed for the project.	See referenced source document	
<b>(9) Public Health</b>		<b>Opt-In Application Section 5.8, Public Health</b>		
(g)(1)	...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.	Section 5.8.1, <i>Environmental Setting</i> Section 5.8.3, <i>Impact Analysis</i>	See referenced source document	
(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 shall 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 5.8.1.2, <i>Health Studies</i> Section 5.8.3, <i>Impact Analysis</i> , Impact PH-1	See referenced source document	
(B)	A listing of the input data and output results, in both electronic and print formats, used to prepare the HARP health risk assessment.	Appendix R, <i>Air Quality and Greenhouse Gas Emissions Study</i>	See referenced source document	

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(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 5.8.1.2, <i>Health Studies</i>	See referenced source document	
(D)	A map showing sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Figure 5.81, <i>Sources and Sensitive Receptors</i>	See referenced source document	
(E)	For purposes of this section, the following definitions apply:	Section 5.8.1.1, <i>Receptors</i>	See referenced source document	
	(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 5.8.1.2, <i>Health Studies</i>		
	(ii) An acute exposure is one which occurs over a time period of less than or equal to one (1) hour.			
	(iii) A chronic exposure is one which is greater than twelve (12) percent of a lifetime of seventy (70) years.			
<b>(10)</b>	<b>Hazardous Materials Handling</b>	<b>Opt-In Application Section 5.9, Hazardous Materials Handling</b>		
(g)(1)	...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.	Section 5.9.1, <i>Environmental Setting</i>	See referenced source document	
		Section 5.9.3, <i>Impact Analysis</i>		
(A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Section 5.9.1.2, <i>Project Hazardous Materials Use</i>	See referenced source document	
(B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 5.9-1a through Figure 5.9-1e, <i>Sensitive Receptors Within 6 Miles of the Project</i>	See referenced source document	
(C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 5.9.1.2, <i>Project Hazardous Materials Use</i> Section 5.9.3, <i>Impact Analysis</i>	See referenced source document	
(D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be substituted after the application is complete.	Section 5.9.3, <i>Impact Analysis, Impact HAZ-1</i>	The Project would not involve the handling of acutely hazardous materials that would have the potential to generate significant off-site consequences, and as such, no protocol for modeling of hazardous materials releases is included and no modelling is proposed.	
(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 5.9.1.2, <i>Project Hazardous Materials Use</i>	See referenced source document	
(F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.9.3, <i>Impact Analysis, Impact HAZ-1</i>	See referenced source document	
(G)	A discussion of the fire and explosion risks associated with the project.	Section 5.9.3, <i>Impact Analysis, Impact HAZ-1</i>	See referenced source document	
<b>(11)</b>	<b>Worker Safety</b>	<b>Opt-In Application Section 5.10, Worker Safety</b>		
(g)(1)	...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.	Section 5.10.1, <i>Environmental Setting</i>	See referenced source document	
		Section 5.10.3, <i>Impact Analysis</i>		
(A)	A description of the safety training programs which will be required for construction and operation personnel.	Section 5.10.2.4, <i>Training and Safety Programs</i>	See referenced source document	

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(B)	A complete description of the fuel handling system and the fire suppression system.	Section 5.10.2.4, <i>Training and Safety Programs, BESS Safety and Fire Suppression</i> Appendix T, <i>Vaca Dixon BESS Hazard Mitigation Analysis</i> Appendix U, <i>Arges BESS Hazard Mitigation Analysis</i> Appendix V, <i>Vaca Dixon BESS Hazard Consequence Analysis</i> Appendix W, <i>Arges BESS Hazard Consequence Analysis</i>	See referenced source document	
(C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows: <u>Construction Health and Safety Program:</u> * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509); * Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920); * Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514- 1522).  <u>Operation Health and Safety Program:</u> * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203); * Fire Prevention Plan (8 Cal. Code Regs., § 3221); * Emergency Action Plan (8 Cal. Code Regs., § 3220); * Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401- 3411).	Section 5.10.2.4, <i>Training and Safety Programs</i>	See referenced source document	
(12)	<b>Waste Management</b>	<b>Opt-In Application Section 5.11, Waste Management</b>		
(g)(1)	...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.	Section 5.11.1, <i>Environmental Setting</i> Section 5.11.3, <i>Impact Analysis</i>	See referenced source documents	
(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 5.11.1.1, <i>Site Investigations</i> Appendix G, <i>August 2025 Phase I ESA</i> Appendix X, <i>January 2025 Phase I ESA</i>	See referenced source documents	
(B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Section 5.11.1, <i>Environmental Setting</i>	See referenced source document	
(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 Title 23, California Code of Regulations, § 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 5.11.1.3, <i>Waste Disposal</i>	See referenced source document	
(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 5.11.3, <i>Impact Analysis</i>	See referenced source document	
(13)	<b>Biological Resources</b>	<b>Opt-In Application Section 5.12, Biological Resources</b>		
(g)(1)	...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.	Section 5.12.1, <i>Environmental Setting</i> Section 5.12.3, <i>Impact Analysis</i>	See referenced source document	

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(A)	A regional overview and discussion of terrestrial and aquatic biological resources, with particular attention to sensitive biological resources within ten (10) miles of the project. In the discussion include a list of the USGS topographic quadrangle(s) utilized to search records from the California Natural Diversity Database (CNDDDB), and a citation which includes the date the CNDDDB was accessed. Include a map at a scale of 1:6,000 (under confidential cover) and at 1:350,00 (for public) showing sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Label the biological resources and survey areas as well as the project facilities. Sensitive biological resources include the following:	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Figure 5.126, <i>10-mile CNDDDB Data</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(A)	(i) species listed under state or federal Endangered Species Acts;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-3, <i>Special-Status Plant Species with the Potential to Occur within the BSA</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(A)	(ii) species receiving consideration during environmental review under CEQA Guidelines 14 CCR Section 15380;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(A)	(iii) species identified as state Fully Protected;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i>	See referenced source document	
(A)	(iv) species covered by Migratory Bird Treaty Act;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Section 5.12.3, <i>Impact Analysis, Impact BIO-1</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(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, or where applicable, in Local Coastal Programs or in relevant decisions of the California Coastal Commission or other responsible agency;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(A)	(vi) locally significant species that are rare or uncommon in a local context such as county or region or is so designated in local or regional plans, policies, or ordinances;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-3, <i>Special-Status Plant Species with the Potential to Occur within the BSA</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(A)	(vii) plant species listed as rare under the California Native Plant Protection Act;	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-3, <i>Special-Status Plant Species with the Potential to Occur within the BSA</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i>	See referenced source document	
(A)	(viii) established native resident or migratory wildlife corridors or wildlife nursery sites.	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Section 5.12.3, <i>Impact Analysis, Impact BIO-3</i>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(A)	Include a map at a scale of 1:6,000 (under confidential cover) and at 1:350,000 (for public) showing sensitive biological resource location(s) in relation to the project site and related facilities and any boundaries of a local Habitat Conservation Plan or similar open space land use plan or designation. Label the biological resources and survey areas as well as the project facilities.	Figure 5.12-6, 10-mile CNDB Data	See referenced source document	
(B)	Include a list of the species and habitat(s) actually 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.	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-3, <i>Special-Status Plant Species with the Potential to Occur within the BSA</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i>	See referenced source document	
(B)	Maps or aerial photographs shall include the following:	Section 5.12.1.3, <i>Sensitive Biological Species</i> Appendix Y.B, <i>CNDB Figure</i> Figure 5.12-7, <i>Species Observations with CNDB Data Surrounding the BSA</i>	See referenced source document	
(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 CNDB, and the associated areas where biological surveys were conducted. Label the biological resources and survey areas as well as the project facilities.	N/A	The Project does not require the use of fossil fuel generators during operation; therefore, nitrogen deposition rates were not evaluated.	
(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 5.12.1.3, <i>Sensitive Biological Species</i> Figure 5.12-7, <i>Aquatic Delineated Features within the BSA</i>	See referenced source document	
(B)	(iii) An aerial photo map depicting state and federal jurisdictional features including state waters and wetlands delineated on maps at a scale of (1:2,400) showing any potential jurisdictional features delineated out to 250 feet from the edge of disturbance if jurisdictional features occur within 250 feet of the project site and/or related facilities that would be included with a US Army Corps of Engineers Section 404 Permit application, Regional Water Quality Control Board (RWQCB) application, or a 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.	Section 5.12.1.3, <i>Sensitive Biological Species</i> Figure 5.12-7, <i>Aquatic Delineated Features within the BSA</i>	See referenced source document	
(B)	(iv) Provide Geographic Information System (GIS) data (shapeand/or geodatabase files) for all data mapped for biological resources.	Section 5.12.1.1, <i>Existing Conditions</i>	See referenced source document	
(C)	A discussion of the biological resources at the proposed project site and related facilities. Related facilities include, but are not limited to, laydown and parking areas, gas and water supply pipelines, transmission lines, and roads. The discussion shall address the distribution of vegetation community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and other appropriate biological resources including the following:	Section 5.12.1.1, <i>Existing Conditions</i>	See referenced source document	
(C)	(i) A list of sensitive species and habitats with a potential to occur (as defined in (A) above) and include status (state, federal, California Native Plant Society, global rank, state rank).	Section 5.12.1.3, <i>Sensitive Biological Resources</i> Table 5.12-3, <i>Special-Status Plant Species with the Potential to Occur within the BSA</i> Table 5.12-4, <i>Special-Status Wildlife Species with the Potential to Occur within the BSA</i> Appendix Y, <i>Biological Resources Technical Study</i> Appendix Y.B, <i>Species Compendia</i>	See referenced source document	
(C)	(ii) 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.	N/A	The Project does not require the use of fossil fuel generators during operation; therefore, nitrogen deposition rates were not evaluated.	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(D)	<p>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 CNDB records and field survey forms completed by the applicant's biologist(s).</p> <p>Identify the date(s) the surveys were completed, methods used to complete the surveys, and the name(s) and qualifications of the biologists conducting the surveys. Include:</p> <ul style="list-style-type: none"> <li>(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.</li> <li>(ii) If the project or any related facilities could impact federal or state jurisdictional wetland, provide completed Army Corps of Engineers wetland delineation forms and/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.</li> </ul>	<p>Section 5.12.1.2, <i>Field Surveys</i>  <i>Appendix Y, Biological Resources Technical Study</i>  <i>Appendix Y.D, Burrowing Owl Survey Report</i>  <i>Appendix Y.I, Crotch's Bumble Bee Survey Report</i>  <i>Appendix Y.J, Aquatic Resources Delineation Report</i></p>	See referenced source document	
(E)	<p>Impacts discussion of all impacts (direct, indirect, and cumulative) to biological resources from project site preparation, construction activities, plant operation, maintenance, closure, and decommissioning. Discussion shall also address sensitive species habitat impacts from air emissions (i.e. nitrogen deposition).</p>	Section 5.12.3, <i>Impact Analysis</i>	See referenced source document	
(F)	<p>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:</p> <ul style="list-style-type: none"> <li>(i) All measures proposed to avoid and/or reduce adverse impacts to biological resources.</li> <li>(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.</li> <li>(iii) Educational programs to enhance employee awareness during construction and operation to protect biological resources.</li> </ul>	<p>Section 5.12.3, <i>Impact Analysis</i>  <i>Section 5.12.4, Recommended Avoidance and Minimization Measures</i></p>	See referenced source document	
(G)	<p>A discussion of compliance and monitoring programs to ensure the effectiveness of impact avoidance and mitigation measures incorporated into the project.</p>	<p>Section 5.12.4, <i>Recommended Avoidance and Minimization Measures</i></p>	See referenced source document	
(H)	<p>Submit copies of any preliminary correspondence between the project applicant and state and federal resource agencies regarding whether federal or state permits from other agencies such as the U. S. Fish and Wildlife Service, the National Marine Fisheries Service, the U.S. Army Corps of Engineers, the CDFW, and the RWQCB will be required for the proposed project.</p>	<p>Appendix Y.M, <i>United States Fish and Wildlife Service Meeting Minutes</i></p>		
(14)	Water Resources	Opt-In Application Section 5.13, <i>Water Resources</i>		
(g)(1)	<p>...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.</p>	<p>Section 5.13.1, <i>Environmental Setting</i>  <i>Section 5.13.3, Impact Analysis, Impact WAT-1</i>  <i>Section 5.13.7, Permits and Permit Schedule</i></p>	See referenced source document	
(A)	<p>All the information required to apply for the following permits, if applicable, including:</p> <ul style="list-style-type: none"> <li>(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);</li> </ul>	<p>Section 5.13.1, <i>Environmental Setting</i>  <i>Section 5.13.3, Impact Analysis, Impact WAT-1</i>  <i>Section 5.13.7, Permits and Permit Schedule</i></p>	See referenced source document	
We have the (A)	<p>(ii) Construction and Industrial Waste Discharge and/or Industrial Pretreatment permits from wastewater treatment agencies;</p>	<p>Section 5.13.1, <i>Environmental Setting</i>  <i>Section 5.13.3, Impact Analysis, Impact WAT-1</i>  <i>Section 5.13.7, Permits and Permit Schedule</i></p>	See referenced source document	
(A)	<p>(iii) Nationwide Permits and/or Section 404 Permits from the U.S. Army Corps of Engineers; and</p>	<p>Section 5.13.1, <i>Environmental Setting</i>  <i>Section 5.13.7, Permits and Permit Schedule</i></p>	See referenced source document	
(A)	<p>(iv) Underground Injection Control Permit(s) from the U.S. Environmental Protection Agency, California Division of Oil and Gas, and RWQCB.</p>	<p>Section 5.13.7, <i>Permits and Permit Schedule</i></p>	See referenced source document	
(B)	<p>A detailed description of the hydrologic setting of the project. The information shall include a narrative discussion and on maps at a scale of 1:24,000 (or appropriate scale approved by staff), describing the chemical and physical characteristics of the following nearby water bodies that may be affected by the proposed project:</p> <ul style="list-style-type: none"> <li>(i) Ground water bodies and related geologic structures;</li> <li>(ii) Surface water bodies;</li> <li>(iii) Water inundation zones, such as the 100-year flood plain and tsunami run-up zones;</li> <li>(iv) Flood control facilities (existing and proposed); and</li> <li>(v) Groundwater wells within 1/2 mile if the project will include pumping.</li> </ul>	<p>Section 5.13.1, <i>Environmental Setting</i>  <i>Figure 5.13-2, Groundwater</i>  <i>Figure 5.13-7 Surface Waters</i></p>	See referenced source document	

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
(C)	<p>A description of the water to be used and discharged by the project. This information shall include:</p> <ul style="list-style-type: none"> <li>(i) Source(s) of the primary and back-up water supplies and the rationale for their selection;</li> <li>(ii) The expected physical and chemical characteristics of the source and discharge water(s) including identification of both organic and inorganic constituents before and after any project-related treatment. For source waters with seasonal variation, provide seasonal ranges of the expected physical and chemical characteristics. Provide copies of background material used to create this description (e.g., laboratory analysis);</li> <li>(iii) Average and maximum daily and annual water demand and wastewater discharge for both the construction and operation phases of the project;</li> <li>(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;</li> <li>(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. In the event that a will-serve letter or letter of intent cannot be provided, identify the most likely water purveyor and discuss the necessary assurances from the water purveyor to serve the project.</li> <li>(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 (e.g., surface water, groundwater), and provide the status of all appropriate agencies' approvals for the proposed use, environmental impact analysis on the specific transfers and/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);</li> <li>(vii) Provide water mass balance and heat balance diagrams for both average and maximum flows that include all process and/or ancillary water supplies and wastewater streams. Highlight any water conservation measures on the diagram and the amount that they reduce water demand.</li> <li>(viii) For all projects which have a discharge, provide a copy of the will-serve letter, permit or contract with the public or private entity that will be accepting the wastewater 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.</li> <li>(ix) In the event that a will-serve letter, permit, or contract cannot be provided, identify the most likely wastewater/storm water entity and discuss why the applicant was unable to secure the necessary assurances to serve the project's wastewater/storm water needs. Also, discuss the term of the wastewater service to the project, whether the wastewater entity has adequate permit capacity for the volume of wastewater from the project and has adequate permit levels for the chemical/physical characteristics of the project's wastewater and storm water for the life of the project, and any issues or conditions/restrictions the wastewater entity may impose on the project.</li> </ul>	Section 5.13.1.6, <i>Water Supply</i>	See referenced source document	
(D)	<p>Identify all project elements associated with stormwater drainage, including a description of the following:</p> <ul style="list-style-type: none"> <li>(i) Monthly and/or 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.</li> <li>(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;</li> <li>(iii) All assumptions and calculations used to calculate runoff and to estimate changes in flow rates between pre- and post-construction; and</li> <li>(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.</li> </ul>	Section 5.13.1.3, <i>Stormwater</i>	See referenced source document	
(E)	<p>An impacts analysis of the proposed project on water resources and a discussion of conformance with water-related Laws, Ordinances, Regulations, and Standards (LORS) and Policy. This discussion shall include:</p> <ul style="list-style-type: none"> <li>(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;</li> <li>(ii) If the project will pump groundwater, an estimation of aquifer drawdown based on a computer modeling study shall be conducted by a professional geologist and include the estimated drawdown on neighboring wells within 0.5 mile of the proposed well(s), any effects on the migration of groundwater contaminants, and the likelihood of any changes in existing physical or chemical conditions of groundwater resources shall be provided;</li> </ul>	Section 5.13.1.6, <i>Water Supply</i> Section 5.13.3, <i>Impact Analysis, Impact WAT-2</i>	See referenced source document	
(E)		N/A	The Project will not pump groundwater. Therefore, this section is not applicable.	

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(E)	(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 5.13.3, <i>Impact Analysis</i>	See referenced source document	
(E)	(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."	Section 5.13.1.6, <i>Water Supply</i> Section 5.13.3, <i>Impact Analysis, Impact WAT-1</i>	See referenced source document	
	(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."			
	(vi) The effects of the project on the 100-year flood plain, flooding potential of adjacent lands or water bodies, or other water inundation zones.			
	(vii) All assumptions, evidence, references, and calculations used in the analysis to assess these effects.			
<b>(15)</b>	<b>Soils</b>	<b>Opt-In Application Section 514, <i>Soils</i></b>		
(g)(1)	...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.	Section 5.14.1, <i>Environmental Setting</i> Section 5.14.3, <i>Impact Analysis</i>	See referenced source document	
(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: (i) The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; (ii) An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system; (iii) The location of any proposed fill disposal or fill procurement (borrow) sites; and (iv) The location of any contaminated soils that could be disturbed by project construction.	Section 5.14.1, <i>Environmental Setting</i> Section 5.14.3, <i>Impact Analysis</i> Figure 5.14-1, <i>NRCS Soils Overview Map</i>	See referenced source document The Project does not have identified off-site fill disposal or fill procurement (borrow) sites.	
(B)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include: (i) The quantification of accelerated soil loss due to wind and water erosion; and (ii) The effect of power plant emissions on surrounding soil-vegetation systems.	Section 5.14.1.4, <i>Potential for Soil Loss and Erosion</i> Section 5.14.3, <i>Impact Analysis, Impact SOI-1</i>	See referenced source document The Project is not a power plant; therefore, no power plant emissions would occur.	
<b>(16)</b>	<b>Paleontologic Resources</b>	<b>Opt-In Application Section 5.15, <i>Paleontological Resources</i></b>		
(g)(1)	...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.	Section 5.15.1, <i>Environmental Setting</i> Section 5.15.3, <i>Impact Analysis</i>	See referenced source document	
(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 5.15.1, <i>Environmental Setting</i>	See referenced source document	
(B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic 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 5.15.1, <i>Environmental Setting</i>	See referenced source document	
(C)	A summary of all local museums, literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Section 5.15.1.4, <i>Resource Assessment Criteria</i>	See referenced source document. Based on a review of historical and modern aerial imagery, the Project site contains no bedrock exposures and has been extensively disturbed with grading and agricultural activities. Therefore, a paleontological resources field survey was not conducted.	

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(D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, showing occurrences of fossil finds, if known, within a one-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 Title 20, California Code of Regulations, Section 2501 et seq.	Section 5.15.1, <i>Environmental Setting</i> Section 5.15.1.4, <i>Resource Assessment Criteria</i>	See referenced source document A formal fossil locality search of the University of California Museum of Paleontology identified no fossil localities within one mile of the project site.	
(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 paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 5.15.3 <i>Impact Analysis, Impact PAL-1, Mitigation Measures</i>	See referenced source document	
<b>(17)</b>	<b>Geological Hazards and Resources</b>	<b>Opt-In Application Section 5.16, Geological Hazards and Resources</b>		
(C)(1)	...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.	Section 5.16.1, <i>Environmental Setting</i> Section 5.16.3, <i>Impact Analysis</i>		
(A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities, including linear facilities.	Section 5.16.1, <i>Environmental Setting</i>	See referenced source document	
(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 5.16.1.4, <i>Potential Geologic Hazards</i> Figure 5.16-1a through 5.16-1c, <i>Surface Geology Within Two Miles of Project Site</i> Figure 5.162, <i>Regional Quaternary Faults</i>	See referenced source document	
(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 5.16.1.5, <i>Geologic Resources of Recreational, Commercial, or Scientific Value</i> Figure 5.16-3, <i>Geologic Resources of Recreational, Commercial, or Scientific Value</i>	See referenced source document	
<b>(18)</b>	<b>Transmission System Safety and Nuisance</b>	<b>Opt-In Application Chapter 4, Engineering</b>		
(g)(1)	...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.	Section 4.2, <i>Transmission System Design</i> Section 4.2.2, <i>Transmission System Safety and Nuisance</i>	See referenced source document	
(A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 4.2, <i>Transmission System Design</i> Section 4.2.2, <i>Transmission System Safety and Nuisance</i> Chapter 2, <i>Project Description</i>	See referenced source document	
(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 4.2, <i>Transmission System Design</i> Section 4.2.2, <i>Transmission System Safety and Nuisance</i>	See referenced source document	
(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 4.2, <i>Transmission System Design</i> Section 4.2.2, <i>Transmission System Safety and Nuisance</i>	See referenced source document	
<b>(19)</b>	<b>Wildfire</b>	<b>Opt-In Application Section 5.17, Wildfire</b>		
(g)(1)	...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.	Section 5.17.1, <i>Environmental Setting</i> Section 5.17.3, <i>Impact Analysis</i>	See referenced source document	
(A)	A map showing State Responsibility Areas (SRA), as defined in Public Resources Code section 4102, relative to the proposed project.	Figure 5.17-1, <i>State Responsibility Areas Within and Near the Project Site</i>	See referenced source document	
(B)	A map showing state Fire Hazard Severity Zones, as defined in 14 CCR section 1280.01, relative to the proposed project.	Figure 5.17-2, <i>Fire Hazard Severity Zones Within and Near the Project Site</i>	See referenced source document	

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(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: (i) Local emergency response or evacuation plans and a description of how the proposed project could influence their effectiveness.	Section 5.9.3, <i>Impact Analysis, Impact HAZ-4</i> Section 5.10.2.4, <i>Training and Safety Programs</i> Section 5.17.3, <i>Impact Analysis, Impact WF-1</i>	See referenced source document	
(C)	(ii) A discussion of how potential project pollutants could be contained onsite during a wildfire event.	Section 5.9, <i>Hazardous Materials Handling, Impact HAZ-1</i> Section 5.10, <i>Worker Safety</i> Section 5.17.3, <i>Impact Analysis, Impact WF-1</i>	See referenced source document	
(C)	(iii) A description of infrastructure that would be built or maintained (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate the risk of wildfire.	Section 5.17.3, <i>Impact Analysis Impact WF-2</i>	See referenced source document	
(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 5.17.3, <i>Impact Analysis Impact WF-3</i>	See referenced source document	
<b>(h) Engineering</b>	<b>Opt-In Application Chapter 4, Engineering</b>			
<b>(1)</b>	<b>Facility Design</b>			
(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 climate conditions, and flooding hazards, if applicable.	Section 4.1.1, <i>Site Conditions</i>	See referenced source document.	
(B)	A discussion of any measures proposed to improve adverse site conditions.	Section 4.1.1, <i>Site Conditions</i> Section 4.1.2, <i>Improvement Measures</i>	See referenced source document.	
(C)	A description of the proposed foundation types, design criteria (include 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 4.1.3, <i>Foundation Design</i>	See referenced source document.	
(D)	For each of the following facilities and/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: (i) The power generation system; (ii) The heat dissipation system; (iii) The cooling water supply system, and, where applicable, pre-plant treatment procedures; (iv) The atmospheric emission control system; (v) The waste disposal system and on-site disposal sites; (vi) The noise emission abatement system; (vii) The geothermal resource conveyance and re-injection lines (if applicable); (viii) Switchyards/transformer systems; and (ix) Other significant facilities, structures, or system components proposed by the applicant.	Section 4.1.4, <i>Facility Description</i> Section 2.1, <i>Facility Description, Design, and Operation</i> Appendix C, <i>Project Plan Set</i>	See referenced source documents. The Project does not include an atmospheric emission control system, noise emission abatement system, waste disposal systems, geothermal resource conveyance or re-injection lines.	
<b>(2)</b>	<b>Transmission System Design</b>			
(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 capability and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 4.2, <i>Transmission System Design</i>	See referenced source document.	
(B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 4.2.2, <i>Transmission System Safety and Nuisance</i>	See referenced source document.	
<b>(3)</b>	<b>Reliability</b>			
(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	Fuel availability is not applicable because battery storage projects do not rely on a fuel source.	

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(B)	<p>A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:</p> <ul style="list-style-type: none"> <li>(i) Expected overall availability factor, and annual and lifetime capacity factors;</li> <li>(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;</li> <li>(iii) Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;</li> <li>(iv) Special design features adopted by the applicant or resource supplier to ensure power plant reliability including equipment redundancy; and</li> <li>(v) For technologies not previously installed and operated in California, the expected power plant maturation period.</li> </ul>	Section 4.3.2, <i>Facility Reliability</i>	See referenced source document.	
<b>(4)</b>	<b>Efficiency</b>			
(A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Section 4.4, <i>Efficiency</i>	See referenced source document.	
(B)	Annual fuel consumption in BTUs for each mode of operation, including hot restarts and cold starts.	Section 4.4, <i>Efficiency</i>	See referenced source document.	
(C)	Annual net electrical energy produced in MWh for each mode of operation, including starts and shutdowns.	Section 4.4, <i>Efficiency</i>	See referenced source document.	
(D)	Number of hours the plant will be operated in each design condition in each year.	Section 4.4, <i>Efficiency</i>	See referenced source document.	
(E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	This Project is not a cogeneration facility. Therefore, this section is not applicable.	
(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.	N/A	N/A	N/A
<b>(5)</b>	<b>Demonstration, if applicable</b>			
(A)	Justification for the request for demonstration status, based on the criteria contained in the most recently adopted Electricity Report.	N/A	This Project is not a demonstration project. Therefore, this section is not applicable.	
(B)	<p>A demonstration plan containing the following elements:</p> <ul style="list-style-type: none"> <li>(i) A description of the technology to be demonstrated;</li> <li>(ii) The objectives of the demonstration;</li> <li>(iii) The plans for acquiring the data necessary to verify the state demonstration objectives;</li> <li>(iv) The schedule for implementing the demonstration tasks;</li> <li>(v) The expected date of commencement of commercial operation of the facility, if applicable, and</li> <li>(vi) A description of contingent actions to be implemented if individual demonstration tasks are technologically unsuccessful.</li> </ul>	N/A	This Project is not a demonstration project. Therefore, this section is not applicable.	
<b>(i) Compliance with Laws, Ordinances, Regulations and Standards</b>		<b>Opt-In Application Chapter 5, <i>Environmental Analysis</i></b>		
<b>(1)</b>	<b>Tables which identify:</b>			
(A)	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.	All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Laws, Ordinances, Regulations, and Standards" that includes federal, state, and local laws, ordinances, regulations and standards that pertain to the Project.	See referenced source document.	

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(B)	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.	All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Agencies and Agency Contacts" that includes 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 related to the technical area covered in that section.	See referenced source document.	
(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.	All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Agencies and Agency Contacts" that includes the contact information for any applicable federal, state or local agency official who have been contacted regarding the Project related to the technical area covered in that section.	See referenced source document	
(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.	All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Permits and Permit Schedule" that identifies applicable permits and their schedules related to the technical area covered in that section.	See referenced source document	

#### Article 4.1 Certification of Nonfossil-Fueled Powerplants, Energy Storage Facilities, and Related Facilities

<b>§ 1875.</b>	<b>Scope.</b>		
	This Article implements Chapter 6.2 of Division 15 of the Public Resources Code related to certification of nonfossil-fueled powerplants, energy storage facilities, and related facilities, as defined in section 25545(b) of the Public Resources Code. Note: Authority cited: Sections 25213, 25218(e), and 25545.12, Public Resources Code. Cal. Code Regs. Tit. 20, Section 1875	N/A	This application has been prepared for certification of nonfossil-fueled powerplants, energy storage facilities, and related facilities as defined in section 25545(b) of the Public Resources Code.
	1. New article 4.1 (section 1875-1882) and section filed 10-24-2022 as an emergency; operative 10-24-2022 (Register 2022, No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code section 25545.12.		
	Note: Authority cited: Sections 25213, 25218 and 25545.12, Public Resources Code. Reference: Sections 25545 and 25545.1, Public Resources Code.		
	1. New article 4.1 (section 1875 -1882) and section filed 10-24-2022 as an emergency; operative 10/24/2022 (register 2022, No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code section 25545.12.		
	Note: Authority cited: Sections 25213, 25218(e), and 25545.12, Public Resources Code. Reference: Sections 25545, and 25545.1, Public Resources Code.		
<b>§ 1876.</b>	<b>Filing of Opt-in Application.</b>		
	Current through Register 2024 Notice Reg. No. 14, April 5, 2024. Applications filed under this article shall be known as "opt-in" applications. All opt-in applications shall be filed following the requirements set forth in sections 1208 and 1208.1 of title 20. All opt-in applications shall be authorized and verified as set forth in section 1707 of title 20. Cal. Code Regs. Tit. 20, Section 1876	N/A	The application shall be filed following the requirements set forth in Section 1208 and 1208.1
	1. New section filed 10-24-2022 as an emergency; operative 10-24-2022 (Register 2022, No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code section 25545.12.		

Tit. 20 § B App. B	Data Request	Source Document/Section	Data Response	Filename in Docket
	<p>Note: Authority cited: Sections 25213, 25218 and 25545.12, Public Resources Code. Reference: Sections 25545, 25545.1, 25545.2 and 25545.4, Public Resources Code.</p> <p>1. New section filed 10-24-2022 as an emergency; operative 10/24/2022 (register 2022. No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code 25545.12.</p>			
<b>§ 1876.5.</b>	<b>Pre-filing Consultation.</b>			
	<p>Current through Register 2024 Notice Reg. No. 14, April 5, 2024</p> <p>(a) At least 30 days before submitting an opt-in application under this Article, the applicant shall meet with staff to discuss information requirements for the opt-in application.</p> <p>(b) Staff shall invite the local government(s) that would have had permitting authority over the site and related facility, but for Chapter 6.2 of Division 15 of the Public Resources Code, and may invite other relevant state and federal agencies, to participate in the meeting(s) held pursuant to subdivision (a).</p> <p>Cal. Code Regs. Tit. 20, Section 1876</p> <p>1. New section filed 10-24-2022 as an emergency; operative 10-24-2022 (Register 2022, No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code section 25545.12.</p>	N/A	A pre-application meeting for the Project was held on October 2, 2025.	
	<p>Note: Authority cited: Sections 25213, 25218 and 25545.12, Public Resources Code. Reference: Sections 25545, 25545.1, 25545.2 and 25545.4, Public Resources Code.</p> <p>1. New section filed 10-24-2022 as an emergency; operative 10/24/2022 (register 2022. No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code 25545.12.</p>			
<b>§ 1877.</b>	<b>Contents of Opt-in Application.</b>	Table 1, <i>CEC Opt-In Application and Appendix B Requirements Crosswalk Matrix</i>		
	<p>Current through Register 2024 Notice Reg. No. 14, April 5, 2024</p> <p>(a) The opt-in application shall contain all the information specified by Appendix B of this chapter and meet the general requirements set forth in section 1704(a) of title 20. For categories of information contained in Appendix B not relevant to the project, the application shall include a discussion explaining why a category does not apply. 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 sections 1602(a)(1)(A)-(F).</p> <p>(b) The opt-in application shall contain an explanation of how the facility meets one or more of the definitions of "facility" in Public Resources Code section 25545(b). 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), 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.</p> <p>(c) The opt-in application shall contain all certifications required by Public Resources Code sections 25545.3.3 and 25545.3.5. The executive director may request, and the applicant shall provide, documentation verifying any certification in the opt-in application. Unless confidential information is requested by the executive director, all supporting documentation shall be filed as a public record.</p> <p>(d) The opt-in application shall identify and discuss 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, the opt-in application shall include a plan for submitting the application and any discussions that have occurred with the relevant state agency with authority over the project.</p>	Appendix Z, <i>Facility Definition</i>	See referenced source document	
		Appendix O, <i>Public Resources Code Section 25545.3.3 and 25545.3.5 Required Certifications</i>		
		All 17 sections included in Chapter 5, <i>Environmental Analysis</i> , include a subsection titled "Permits and Permit Schedule" that identifies applicable permits and their schedules related to the technical area covered in that section.	See referenced source document	

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	(e) The opt-in application shall 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). For projects on such a site, the opt-in application shall include documentation of the approval of the public agency having ownership or control of the land.	Section 5.2.1.5, <i>Physical Land Uses within One Mile of the Project Site</i>	See referenced source document	
	(f) The opt-in application shall contain 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 shall provide the submitted information to the local government for review and comment.	Appendix AA, <i>Public Resources Code Section 21183 and 21183.6</i>	See referenced source document	
	(g) The opt-in application shall include the 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 J, <i>Community Benefits Plan</i>		
	(h) The opt-in application shall include a discussion of whether the project meets the requirements of Public Resources Code sections 21183 and 21183.6. Cal. Code Regs. Tit. 20, Section 1876	Appendix AA, <i>Public Resources Code Section 21183 and 21183.6</i>	See referenced source document	
	1. New section filed 10-24-2022 as an emergency; operative 10-24-2022 (Register 2022, No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code section 25545.12.			
	Note: Authority cited: Sections 25213, 25218 and 25545.12, Public Resources Code. Reference: Sections 25545, 25545.1, 25545.2 and 25545.4, Public Resources Code.			
	1. New section filed 10-24-2022 as an emergency; operative 10/24/2022 (register 2022. No. 43). This action is a deemed emergency and shall remain in effect until amended by the Commission pursuant to Public Resources Code 25545.12.			

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