

# Memorandum

**Date:** March 28, 2007

**Telephone:** (916) 654-4996

**To:** Jackalyne Pfannenstiel, Chairman  
James D. Boyd, Vice Chair  
Arthur H. Rosenfeld, Ph.D., Commissioner  
John L. Geesman, Commissioner  
Jeffrey Byron, Commissioner

**From:** **California Energy Commission – B. B. Blevins**  
1516 Ninth Street  
Sacramento, CA 95814-5512  
**Executive Director**

**Subject: VICTORVILLE 2 HYBRID POWER PROJECT, DATA ADEQUACY  
RECOMMENDATION (07-AFC-1)**

On February 28, 2007, City of Victorville submitted an Application for Certification (AFC) for the proposed Victorville 2 Hybrid Power Project (Victorville 2) in the City of Victorville, San Bernardino County, California. Victorville 2 would be a hybrid of natural gas-fired combined cycle generating equipment integrated with solar thermal generating equipment, and would have a net capacity of 563 megawatts. Primary equipment for the generating facility would include two natural gas-fired combustion turbine-generators, two heat recovery steam generators, one steam turbine-generator and 250 acres of parabolic solar-thermal collectors capable of contributing up to 50 MW of the steam turbine-generator's output. Victorville 2 would use a maximum of 3,150 acre-feet/year of tertiary-treated reclaimed water from Victorville Water Reclamation Authority, using a mechanical draft (wet) cooling tower, and recovering process wastewater from a zero liquid discharge system for treating process wastewater. The applicant proposes to use South Coast Air Quality Management District's Rule 1309.1 interpollutant, interbasin priority reserve credits to offset its NOx and VOC emissions. The generators would connect to a proposed switchyard and transmit project power via two 230 kV transmission lines, involving the construction or upgrade of 21 miles of transmission system. Staff has received a letter from the Mojave Desert Air Quality Management District stating that it considers the application complete. In addition, staff has received a letter from California Department of Fish and Game indicating issues to be addressed, and a letter from Lahontan Regional Water Quality Control Board confirming the AFC has properly identified applicable LORS.

Staff has completed its data adequacy review of the AFC and has determined that it does not meet all the requirements listed in Title 20, section 1704, and Division 2, Chapter 5, Appendix B of the California Code of Regulations for the 12-month process. Therefore, we recommend that the Energy Commission find the AFC inadequate and adopt the attached list of deficiencies. Of the 23 technical disciplines reviewed, we believe the information contained in the AFC is deficient in six areas for the 12-month process which are: Air Quality, Land Use, Traffic & Transportation, Transmission System Engineering, Visual and Water Resources.

Attached is a summary table and data adequacy worksheets for all technical disciplines. The worksheets for the aforementioned sections identify the additional information that we believe is necessary to fulfill the AFC data adequacy requirements. At the Energy Commission's business meeting on April 11, 2007, I will recommend that the Energy Commission adopt the list of deficiencies and not accept the AFC until the additional information specified in the data adequacy worksheets is supplied. If you have any questions, please call John Kessler, staff's Project Manager, at (916) 654-4679.

Attachment

**Attachment A  
 Overview of Energy Commission Staff's  
 Data Adequacy Determination  
 Victorville 2 Hybrid Power Project  
 07-AFC-1**

<b>Technical Area</b>	<b>Attachment B Page No.</b>	<b>Adequate ?</b>
<b>AIR QUALITY.....</b>	<b>4</b>	<b>NO</b>
<b>ALTERNATIVES.....</b>	<b>10</b>	<b>YES</b>
<b>BIOLOGICAL RESOURCES.....</b>	<b>11</b>	<b>YES</b>
<b>CULTURAL RESOURCES.....</b>	<b>18</b>	<b>YES</b>
<b>EFFICIENCY.....</b>	<b>22</b>	<b>YES</b>
<b>FACILITY DESIGN.....</b>	<b>24</b>	<b>YES</b>
<b>GEOLOGICAL HAZARDS.....</b>	<b>27</b>	<b>YES</b>
<b>HAZARDOUS MATERIALS HANDLING.....</b>	<b>29</b>	<b>YES</b>
<b>LAND USE.....</b>	<b>32</b>	<b>NO</b>
<b>NOISE.....</b>	<b>37</b>	<b>YES</b>
<b>PALEONTOLOGICAL RESOURCES.....</b>	<b>41</b>	<b>YES</b>
<b>PROJECT OVERVIEW.....</b>	<b>44</b>	<b>YES</b>
<b>PUBLIC HEALTH.....</b>	<b>47</b>	<b>YES</b>
<b>RELIABILITY.....</b>	<b>49</b>	<b>YES</b>
<b>SOCIOECONOMICS.....</b>	<b>51</b>	<b>YES</b>
<b>SOILS.....</b>	<b>56</b>	<b>YES</b>
<b>TRAFFIC AND TRANSPORTATION.....</b>	<b>58</b>	<b>NO</b>
<b>TRANSMISSION LINE SAFETY AND NUISANCE.....</b>	<b>62</b>	<b>YES</b>
<b>TRANSMISSION SYSTEM ENGINEERING.....</b>	<b>64</b>	<b>NO</b>
<b>VISUAL RESOURCES .....</b>	<b>68</b>	<b>NO</b>
<b>WASTE MANAGEMENT.....</b>	<b>71</b>	<b>YES</b>
<b>WATER RESOURCES.....</b>	<b>74</b>	<b>NO</b>
<b>WORKER SAFETY.....</b>	<b>78</b>	<b>YES</b>

**ATTACHMENT B**

**ENERGY COMMISSION STAFF'S  
List of Data Inadequacies**

**Victorville 2 Hybrid Power Project  
07-AFC-1**

**March 28, 2007**

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No.  0  Date  March 28, 2007

Technical Area:  Air Quality

Project:  Victorville 2 Hybrid Power Project

Technical Staff:  Tuan Ngo, P.E.

Project Manager:  John Kessler

Docket:  07-AFC-1

Technical Senior:  Matthew Layton, P.E.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sec. 6.3.2, pp. 6.3-17 to 6.3-28 Sec. 6.3.4.2, pp. 6.3-57 to 6.3-83 Sec. 6.3.5, pp. 6.3-83 to 6.3-85	No	Provide a discussion of the emission reduction credits' <u>effectiveness</u> to mitigate the project oxides of sulfur (SOx) impact.  Provide discussions of the access to the South Coast Air Quality Management District's VOC priority reserve for ozone precursors (NOx and VOC) for mitigating the project's emissions.  Provide discussion of road dust (PM10/PM2.5)) reduction measures for mitigating the project's emission impacts.
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Letters from Mojave AQMD to CEC dated March 19, 2007 and to applicant dated March 19, 2007	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Sec. 6.3.4.2, pp. 6.3-63 to 6.3-74, Table 6.3-15 Table 2-3, page 2-20	No	Provide heat rates and capacity factors for the proposed facility components (e.g. Gas Turbines/Heat Recovery Steam Generators, Auxiliary Boiler, and Heat Transfer Fluid Heater).
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Sec. 6.3.3, pp. 6.3-29 to 6.3-47	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Sec. 6.3.3.4, pp. 6.3-46 to 6.3-57	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X   
 Technical Area:  Air Quality   
 Project Manager:  John Kessler

**DATA ADEQUACY WORKSHEET**

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Revision No.  0  Date  March 28, 2007   
 Technical Staff:  Tuan Ngo, P.E.   
 Technical Senior:  Matthew Layton, P.E.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Sec. 6.3.4.1, pp. 6.3-47 to 6.3-57	Yes	
Appendix B (g) (8) (F)	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.	Sec. 6.3.4.1, pp. 6.3-47 to 6.3-57	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Sec. 6.3.2.3, pp. 6.3-23 to 6.3-28	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Appendix G.5	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

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Technical Staff:  Tuan Ngo, P.E.

Project Manager:  John Kessler

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Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	Appendix G.5	Yes	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix G.1	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM <sub>10</sub> ) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO <sub>x</sub> ), sulfur dioxide (SO <sub>2</sub> ), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM <sub>10</sub> )] from construction-related equipment;	Sec. 6.3.4.2 Appendix G.5 Appendix G.1	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Air Quality  
 Project Manager: John Kessler

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Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Revision No. 0 Date March 28, 2007  
 Technical Staff: Tuan Ngo, P.E.  
 Technical Senior: Matthew Layton, P.E.

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO <sub>x</sub> , SO <sub>2</sub> , CO and PM <sub>10</sub> ) 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	Sec. 6.3.4.2 Appendix G.5	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a 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.	Sec. 6.3.4.3.2, pp. 6.3-82	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:	Sec. 6.3.5.2		
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Sec. 6.3.5.2, pp. 6.3-84	Yes	
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Sec. 6.3.5.2, pp. 6.3-84	No	Provide specific locations and quantity of each criteria air contaminant's (NO <sub>x</sub> , VOC, SO <sub>x</sub> , PM <sub>10</sub> , PM <sub>2.5</sub> ) emission reduction credits (ERC) that are earmarked to mitigate the project's emission impacts.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X

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Technical Staff: Tuan Ngo, P.E.

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Matthew Layton, P.E.

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Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Sec. 6.3.5.2, pp. 6.3-84	No	Please specify the methods or approaches such as shutdowns, road paving or other options that would be used to mitigate and reduce the project's emissions.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 6.3-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Sec. 6.3.1, pp. 6.3-1 to 6.3-16 Tables 6.3-1a and 6.3-1b	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Sec. 6.3.1.4, pp. 6.3-16 to 6.3-17 Table 6.3-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sec. 6.3.1, pp 6.3-3 to 6.3-17, Table 6.3-3	No	Although the AFC identifies applicable LORS, please provide a discussion of how the project will conform to requirements of applicable Federal, State and District's Rules and Regulations.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X

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Technical Staff: Tuan Ngo, P.E.

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Matthew Layton, P.E.

<b>SITING REGULATIONS</b>	<b>INFORMATION</b>	<b>AFC PAGE NUMBER AND SECTION NUMBER</b>	<b>ADEQUATE YES OR NO</b>	<b>INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS</b>
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Sec. 6.3.1.4, pp. 6.3-16 Table 6.3-2	Yes	
Appendix B (h) (4)	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.	Sec. 6.3.1.4, pp. 6.3-17 Table 6.3-3	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Alternatives  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Stan Yeh  
 Technical Senior: Eileen Allen

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Section 5.2.1, pages 5-8, 5-9	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Section 5.2, pages 5-3 thru 5-9	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Section 5.2.1, pages 5-4 thru 5-9	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Biological Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Misa Ward  
 Technical Senior: Rick York

Project: Victorville 2 Hybrid Power Project  
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Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Existing site conditions: Vol. I, Section 6.4.2.2, pgs. 6.4-10 to 6.4-13, Vol. II, Appendix H, Section 4.0, pgs. 17-23, Section 6.0, pgs. 32-84</p> <p>Direct, indirect, and cumulative impacts: Vol. I, Section 6.4.3, pgs. 6.4-27 to 6.4-46, Vol. II, Appendix H, Section 7.3, pgs. 88-108</p> <p>Mitigation measures: Vol. I, Section 6.4.4, pgs. 6.4-46 to 6.4-53, Vol. II, Appendix H, Section 8.0, pgs. 108-122</p> <p>Monitoring plans: Vol. I, Section 6.4.4, pgs. 6.4-46 to 6.4-53, Vol. II, Appendix H, Section 8.0, pgs. 108-122</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional overview: Vol. I, Section 6.4.2.1, pg. 6.4-9 to 6.4-10, Vol. II, Appendix H, Section 4.4.1, pg. 21</p> <p>Regional vicinity map: Vol. II, Appendix H.1, Map 1</p>	<p>Yes</p> <p>Yes</p>	



Adequacy Issue: Adequate  Inadequate   
 Technical Area: Biological Resources  
 Project Manager: John Kessler

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 Technical Senior: Rick York

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Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	<p>Description of all studies and surveys: Vol. I, Section 6.4.2.3, pgs. 6.4-16 to 6.4-14, Vol. II, Appendix H, Section 5.0, pgs. 24-32</p> <p>Copies of NDDDB field survey forms: Vol. II, Appendix H.7</p> <p>Dates/duration of studies, methods used, and names/qualifications of individuals conducting studies: Vol. I, Section 6.4.2.3, pgs. 6.4-16 to 6.4-14, Vol. II, Appendix H, Section 5.0, pgs. 24-32, Appendix H.8</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p>	

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Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	<p>Discussion of all permanent and temporary impacts: Vol. I, Section 6.4.3, pgs. 6.4-27 to 6.4-50, Vol. II, Appendix H, Section 7.0, pgs. 85-108</p> <p>Cooling tower drift impacts: Vol. I, Section 6.4.3.2, pg. 6.4-37</p> <p>Use and discharge of water during construction and operation: Vol. I, Section 6.4.3.2, pg. 6.4-42, Section 6.4.3.3, pgs. 6.4-45 to 6.4-46, Vol. II, Appendix H, Section 7.3, pgs. 104-107</p> <p>Impacts of the use of once-through cooling: N/A</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (E)	A discussion of the following:	--	--	
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Measures to avoid and/or reduce adverse impacts: Vol. 1, Section 6.4.4, pgs. 6.4-46 to 6.4-53, Vol. II, Appendix H, Section 8.0, pgs. 108-121	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Off-site mitigation: Vol. I, Section 6.4.3.4, pg. 6.4-46, Section 6.4.4, pg. 6.4-48-50, Vol. II, Appendix H, Section 7.3.4, pg. 108, Section 8.0, pgs. 112, 115, 188-119, 121-122	Yes	

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Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Employee awareness training: Vol. I, Section 6.4.4.1, pg. 6.4-47, Vol. II, Appendix H, Section 8.1.1, pg. 109, Section 8.1.5, pg. 116	Yes	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance and monitoring to ensure mitigation effectiveness: Vol. 1, Section 6.4.4.1, pg. 6.4-47, Vol. II, Appendix H, Section 8.1.1, pgs. 108-120	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Species of commercial and/or recreational value: Vol. I, Section 6.4.2.3, pg. 6.4-19, Vol. II, Appendix H, Section 6.5, pgs. 44-45	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:			
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Listed species with potential to occur: Vol. II, Appendix H, Table 4, pgs. 52-54, Table 5, pg. 54, Table 6, pg. 58, Table 7, pg. 66-70, Table 8, pg. 82, Table 9, pg. 84	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	Resources defined as 'areas of critical concern' and 'species of special concern': Vol. II, Appendix H, Table 4, pgs. 52-54, Table 5, pg. 54, Table 6, pg. 58, Table 7, pg. 66-70, Table 8, pg. 82, Table 9, pg. 84	Yes	

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Legislative acts-identified species: State or federally listed species: Vol. II, Appendix H, Table 4, pgs. 52-54, Table 5, pg. 54, Table 6, pg. 58, Table 7, pg. 66-70, Table 8, pg. 82, Table 9, pg. 84	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	LORS table: Vol. I, Section 6.4.1, pgs. 6.4-1 to 6.4-7, Table 6.4-1, pgs. 6.4-1 to 6.4-3, Vol. II, Appendix H, Section 2, pgs. 1-11.  Required permits table: Vol. I, Section 6.4.1.5, Table 6.4-3, pg. 6.4-9	Yes  Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Agency jurisdiction table: Vol. I Table 6.4-2, pg. 6.4-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Project LORS compliance: Vol. I, Section 6.4.1, pg. 6.4-1, Section 6.4.3, pgs. 6.4-27 to 6.4-46, Vol. II, Appendix H, Section 2.0, pgs. 1-8	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Agency jurisdiction table: Vol. I Table 6.4-2, pg. 6.4-8 Agency staff contacted: Vol. II, Appendix H, pgs. 125-126	Yes	

Adequacy Issue: Adequate  Inadequate

### DATA ADEQUACY WORKSHEET

Revision No. 0 Date March 28, 2007

Technical Area: Biological Resources

Project: Victorville 2 Hybrid Power Project

Technical Staff: Misa Ward

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	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.	Permit schedules: Vol. I, Section 6.4.1.5, Table 6.4-3, pg. 6.4-9	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Cultural Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Beverly E. Bastian  
 Technical Senior: Rick York

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	existing site conditions: Vol. 1, §2.3.1, p. 2-3  impacts: Vol. 1, §6.5.3.1, §6.5.3.3, pp. 6.5-25 to 6.5-31  mitigation measures: Not Applicable (no known cult. res., no impacts, no mitigation)  mitigation effectiveness: Not Applicable (no known cult. res., no impacts, no mitigation)  monitoring plans: Not Applicable (no known cult. res., no impacts, no mitigation)	Yes  Yes  Yes  Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	ethnology, prehistory, history summary: Vol. 1, §6.5.2.2 through §6.5.2.4, pp. 6.5-7 to 6.5-11  maps: Vol. 1, Fig. Fig. 6.5-1	Yes  Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Cultural Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Beverly E. Bastian  
 Docket: 07-AFC-1 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	literature search: Vol. 1, §6.5.2.5, pp. 6.5-11 to 6.5-19  new surveys: Vol. 1, §6.5.2.5, pp. 6.5-19 to 6.5-22  survey dates: Vol. 1, §6.5.2.5, pp. 6.5-19 to 6.5-22; Vol. 2, App. I, pp. 40-41  survey methods: Vol. 1, §6.5.2.5, p. 6.5-19; Vol. 2, App. I, p. 51  identification and qualifications of those conducting surveys: Vol. 2, App. I, pp. 40-41	Yes  Yes  Yes  Yes  Yes	
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources 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, § 2501 et seq.	project area sensitivity: Vol. 1, §6.5.3.1, p. 6.5-30  site presence and significance: Vol. 1, §6.5.2.7, pp. 6.5-19 to 6.5-23  confidential filing: Vol. 2, Appendix I	Yes  Yes  Yes	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	summary of Native American contacts: Vol. 1, §6.5.2.7, pp. 6.5-23 to 6.5-24; Vol. 2, Appendix I, pp. 39-40	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Cultural Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Beverly E. Bastian  
 Technical Senior: Rick York

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	mitigation: Not Applicable (no known cult. res., no impacts, no mitigation)  worker training: Vol. 1, §6.5.4, p. 6.5-32  mitigation for known resources: Not Applicable (no known cult. res., no impacts, no mitigation)  contingency mitigation: Vol. 1, §5.7.4, pp. 6.5-31 to 6.5-33	Yes  Yes  Yes  Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	table of LORS: §6.5.1, Table 6.5-1, pp. 6.5-1 to 6.5-2  discussion of LORS: Vol. 1, §6.5.1.1 through §6.5.1.3, pp. 6.5-1 to 6.5-2	Yes  Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	table of agencies: Not Applicable (no permits required, so no table)	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS conformity: Vol. 1, §6.5.1.1 through §6.5.1.3, pp. 6.5-1 to 6.5-5	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Cultural Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Beverly E. Bastian  
 Docket: 07-AFC-1 Technical Senior: Rick York

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	agency contacts: Vol. 1, §6.5.1.4, Table 6.5-2, p. 6.5-5	Yes	
Appendix B (h) (4)	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.	other permit schedule: Not Applicable (no permits required, so no schedule)  steps to obtain permits: Not Applicable (no permits required, so no steps)	Yes  Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Efficiency  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Revision No. 0 Date March 28, 2007  
 Technical Staff: Shahab Khoshmashrab  
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.2, 2.2, 2.3, 2.4, 2.4.5.1, 5.4, 6.3.4.1.3; Appendix D	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Figures 2-7a, 2-7b, 2-7c	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	§ 2.4.5.1	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	§§ 2.4.5.1, 6.3.4.1.3	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	§§ 2.4.5.1, 6.3.4.1.3	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	§ 5.4	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Efficiency  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Shahab Khoshmashrab  
 Technical Senior: Steve Baker

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Appendix D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Facility Design

Project: Victorville 2 Hybrid Power Project

Technical Staff: Steve Baker

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	§§ 1.3.6, 2.4.6; Appendices D.1, D.2, D.3, D.4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Appendices D.1, D.2, D.3, D.4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 1.1, 1.2, 1.3.6, 1.3.17, 2.1, 2.3.1, 2.3.2, 2.4.1, 2.4.2, 2.4.3.1, 2.4.3.2, 2.4.3.4, 2.4.5.1, 2.4.5.2, 2.4.5.3, 2.4.6, 2.4.6.1, 2.4.6.2, 2.4.6.3, 2.4.6.4, 2.4.6.5, 2.4.7.1, 2.4.7.2, 2.4.7.4; Table 2-1; Figures 2-1, 2-4, 2-5; Appendices C, D, N	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.6-2	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Facility Design

Project: Victorville 2 Hybrid Power Project

Technical Staff: Steve Baker

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	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.	§ 6.6.1.5	Yes	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§§ 1.3.6, 2.3.1, 2.3.2; Chapter 6.6; Appendix C	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Appendices C, D.1, D.2	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment	Appendix D.1	Yes	
Appendix B (i) (1) (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:	—		
Appendix B (i) (1) (D) (i)	The power generation system;	§§ 2.1, 2.4.1, 2.4.2, 2.4.3.1, 2.4.3.2, 2.4.3.4, 2.4.6, 2.4.6.1, 2.4.6.2; Figure 2-5; Appendix D.3	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Facility Design  
 Project Manager: John Kessler

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	§§ 2.1, 2.4.1, 2.4.3.2, 2.4.5.2, 2.4.5.3, 2.4.6.5, 2.4.7.2, 2.4.7.4; Figure 2-4	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.1, 2.1, 2.4.5.2, 2.4.6.5, 2.4.7.2, 2.4.7.4; Chapter 6.17	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	§ 2.4.5.6; Chapter 6.3	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 1.1, 1.2, 2.1, 2.4.5.4; Chapter 6.16	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§§ 2.4.4, 2.5, 2.5.1	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	§§ 2.4, 6.7	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Geological Hazards  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Dal Hunter, Ph.D., C.E.G.  
 Docket: 07-AFC-1 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.6.2, Pages 6.6-3 through 6.6-5; Section 6.6.3, Pages 6.6-11 through 6.6-13; and in Appendix C.	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Section 6.6.2, Pages 6.6-2 through 6.6-6; Figure 6.6-4, Map Sheets 1 through 3; Section 6.6.2.5, Pages 6.6-10 through 6.6-11; and in Appendix C.	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 6.6-1, 2 Pages; Figure 6.6-3; Figure 6.6-4, Map Sheets 1 through 3; Section 6.6.2.1, Pages 6.6-3 through 6.6-4; Section 6.6.2, Pages 6.6-4 through 6.6-10; Section 6.6.3.1, Page 6.6-11; Section 6.6.3.2, Page 6.6-12; and Appendix C.	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Figure 6.6-4, Map Sheets 1 through 3; and Section 6.6.2.5, Pages 6.6-10 through 6.6-11.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Geological Hazards  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Dal Hunter, Ph.D., C.E.G.  
 Docket: 07-AFC-1 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Section 6.6.1, Pages 6.6-1 through 6.6-2; Table 6.6-1; and Section 6.6.3, Pages 6.6-12 through 6.6-13.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Section 6.6.1, Pages 6.6-1 through 6.6-2; and Tables 6.6-1 and 6.6-2.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.6.3, Pages 6.6-12 through 6.6-13.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.6.1.4, Page 6.6-2; and Table 6.6-2.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Hazardous Materials Handling  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Rick Tyler  
 Technical Senior: Rick Tyler

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.7	Yes	
Appendix B (g) (10) (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.	Table 6.7-3	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 6.11-2	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Sections 6.7 / Table 6.7-3	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 6.7.4.3	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Sections 6.7.1.2	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Hazardous Materials Handling  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Rick Tyler  
 Technical Senior: Rick Tyler

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 6.7.5	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 6.7.4.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Table 6.7-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.7-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.7	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.7-2	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: **Hazardous Materials Handling**  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Rick Tyler  
 Docket: 07-AFC-1 Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.7.1.5	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area:  Land Use

Project:  Victorville 2 Hybrid Power Project

Technical Staff:  Shaelyn Strattan

Project Manager:  John S. Kessler

Docket:  07-AFC-1

Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§6.8.2 (p. 6.8-7); §2.3.1, p. 2-3; §§6.8.3, 6.8.4 (pp. 6.8-16 thru 18)	Yes	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning 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:	§6.8.2.1, pp. 6.8-8 thru 11; Tables 6.8-4,5,6; Figs. 6.8-1, 4	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	§6.2.2.1 (p.6.2-4) §6.4 (pp. 6.4-9 thru 55); All Figs. and Tables §6.5.2.5 (pp. 6.5-11 thru 22); Tables 6.5-3,4; Appendix 1 §6.6.2.5 (pp.6.6-10,11,25-27); Fig. 6.6-4 §6.15.2, 2.2, 2.5 (pp. 6.15-5, 6, 8-12); Fig. 6.15-1 (p. 6.15-20)	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	§6.8.2.1 (pp. 6.8-8 thru 6.8-11)	No	Please discuss any zoning changes and future land use development for properties within San Bernardino County, City of Adelanto, and City of Hesperia jurisdictions within one mile of the proposed site and one-quarter mile of linear facilities. Because a General Plan Amendment has been approved by San Bernardino County and will go into effect in April 2007, please include any General Plan changes that would affect properties within one mile of the proposed site and one-quarter mile of linear facilities that are within county jurisdiction.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area:  Land Use   
 Project Manager:  John S. Kessler

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Technical Staff:  Shaelyn Strattan   
 Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	§6.8.2.1 (pp. 6.8-9 thru 6.8-10)	Yes	
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figs. 6.8-1 thru 6.8-5	No	<ol style="list-style-type: none"> <li>1. Please incorporate General Plan and zoning designation references for San Bernardino County lands into Fig. 6.8-3, including County land designations within one mile of the proposed site and one-quarter mile of linear facilities.</li> <li>2. Please provide an additional figure that identifies San Bernardino County and City of Hesperia General Plan and zoning designation references for all areas within one-quarter mile of all segments of the Transmission Line Route (TLR).</li> </ol>

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No.  0  Date  March 28, 2007

Technical Area:  Land Use   
 Project Manager:  John S. Kessler

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Technical Staff:  Shaelyn Strattan   
 Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses.	§6.8.2.1 (pp. 6.8-8 thru 6.8-11, 16-18)	No	<ol style="list-style-type: none"> <li>1. Please discuss the compatibility of the proposed project with potential residential housing within one mile of the northern boundary of the project in San Bernardino County and consistency with the San Bernardino General Plan and County Development Code (Title 8, San Bernardino Municipal Code).</li> <li>2. References in the San Bernardino County Development Code §85.01 address potential land use inconsistencies with the SCLA Specific Plan. Please discuss the compatibility of the proposed project and SCLA Specific Plan with the provisions of San Bernardino County Development Code, §85.01 (Airport Overlay District).</li> <li>3. AFC §6.8.3.2 indicates that some project equipment would exceed the City of Victorville Municipal Code height ordinance limit. Please identify and discuss the review requirements, findings, and conditions normally required for a variance/exemption to Municipal Code site and/or development standards.</li> </ol>
Appendix B (g) (15) (B)	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:	§6.2.2.1 (p6.2-4,5); Fig. 6.2-1 (2 pgs.)	Yes	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and		N/A	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area:  Land Use   
 Project Manager:  John S. Kessler

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Technical Staff:  Shaelyn Strattan   
 Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.		N/A	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	--	--	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	§6.2.3.1 (pp. 6.2-7,8)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	§6.8.1 (pp. 6.8-1 thru 6.8-7)	No	Please incorporate references to the applicable portions of the San Bernardino County LORS into Table 6.8-1, as they relate to project land use compatibility and siting.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	§6.8.1.4 (pp. 6.8-6, 7)	No	Please identify Agencies with jurisdiction to issue applicable permits and/or enforce San Bernardino County, City of Adelanto, and City of Hesperia Laws, Ordinances, Regulations and Standards (LORS) into Table 6.8-2, as they relate to land use.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X

**DATA ADEQUACY WORKSHEET**

Revision No.  0  Date  March 28, 2007

Technical Area:  Land Use   
 Project Manager:  John S. Kessler

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Technical Staff:  Shaelyn Strattan   
 Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§6.8.1 (pp. 6.8-1,2)	No	Please identify and discuss the applicable portions of the San Bernardino County LORS and permitting requirements as they relate to project land use compatibility and siting, and compatibility with SCLA and City of Victorville LORS.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§6.8.1.4 (pp. 6.8-6, 7)	No	Please incorporate contact information for Agencies with jurisdiction to issue applicable permits and/or enforce San Bernardino County, City of Adelanto, and City of Hesperia LORS into Table 6.8-2, as they relate to project land use.
Appendix B (h) (4)	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.	§6.8.1.5 (pp. 6.8-7)	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Noise  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.2, 1.3.9, 2.2, 2.3.1, 2.4.3.1, 2.4.8; Chapter 6.9	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figure 6.9-1	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Noise  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L <sub>eq</sub> (equivalent sound or noise level), L <sub>dn</sub> (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L <sub>10</sub> , L <sub>50</sub> , and L <sub>90</sub> values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	§§ 1.3.9, 6.9.2.2; Table 6.9-3	Yes	
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	§ 6.9.3.2	Yes	
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	§§ 6.9.3.1, 6.9.3.2; Tables 6.9-4, 6.9-5; Figures 6.9-2, 6.9-3, 6.9-4	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	§§ 6.9.3.1, 6.9.3.2; Tables 6.9-4, 6.9-5; Figure 6.9-2	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Noise  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Steve Baker  
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	§ 6.9.3.2; Table 6.9-5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	§§ 6.9.1.1, 6.9.1.2; Table 6.9-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	§ 6.9.1.3; Table 6.9-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 6.9.3.1, 6.9.3.2, 6.9.3.3; Tables 6.9-4, 6.9-5; Figures 6.9-2, 6.9-3, 6.9-4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 6.9.1.3; Table 6.9-2	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Noise

Project: Victorville 2 Hybrid Power Project

Technical Staff: Steve Baker

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Paleontological Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Dal Hunter, Ph.D., C.E.G.  
 Docket: 07-AFC-1 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.10.2.4, Pages 6.10-7 through 6.10-9; Section 6.10.3, Pages 6.10-10 through 6.10-13; Figure 6.10-1, Map Sheets 1 through 7; and in Appendix J.	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Section 6.10.2, Pages 6.10-6 through 6.10-9; Table 6.10-3; Figure 6.10-1, Map Sheets 1 through 7; and in Appendix J.	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Section 6.10.2.2, Pages 6.10-5 through 6.10-6; Section 6.10.2.4, Pages 6.10-7 through 6.10-9; Section 6.10.2.5, Pages 6.10-9 through 6.10-10; Figure 6.10-1, Map Sheets 1 through 7; and in Appendix J.	Yes	
Appendix B (g) (16) (C)	A summary of all 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 6.10.2.1, Page 6.10-5; Section 6.10.2.4, Pages 6.10-8 through 6.10-9; Section 6.10.2.5, Pages 6.10-9 through 6.10-10; and in Appendix J.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Paleontological Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Dal Hunter, Ph.D., C.E.G.  
 Docket: 07-AFC-1 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, 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, § 2501 et seq.	Section 6.10.2.1, Page 6.10-5; Section 6.10.2.5, Page 6.10-9; and in Appendix J.	Yes	
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Section 6.10.3.2, Pages 6.10-11 through 6.10-13; and in Appendix J.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Section 6.10.1, Pages 6.10-1 through 6.10-4; Table 6.10-1; and in Appendix J.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Tables 6.10-1 and 6.10-2; Section 6.10.1, Pages 6.10-3 through 6.10-4; and in Appendix J.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Paleontological Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Dal Hunter, Ph.D., C.E.G.  
 Docket: 07-AFC-1 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.10.1, Pages 6.10-2 through 6.10-4.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, of an official within each agency who will serve as a contact person for the agency.	Table 6.10-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Project Overview  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Stan Yeh  
 Technical Senior: Eileen Allen

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.		N/A	Please see the individual technical areas for a determination regarding the adequacy of this item.
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and		N/A	Please see the individual technical areas for a determination regarding the adequacy of this item.
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference		N/A	Please see the individual technical areas for a determination regarding the adequacy of this item.
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Sections 5.0 thru 7.0	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Section 1.1, 1.2, 2 Figures 1-1 thru 2-1	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Section 2.2, page 2-3 Appendix B	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Project Overview  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Stan Yeh  
 Technical Senior: Eileen Allen

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Section 1.2, page 1-2, 1-3 Figure 1-1,1-2 Section 2.1, page 2-2, 2-3 Figures 2-1,2-3a Figures 6.8-1,6.8-2	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figures 2-3b, 6.15-5a thru 6.15-7b	Yes	
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix A	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 2.4.8, Page 2-36, 2-37	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1.1, page 1-1 Section 2.1, page 2-1	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 2.4.4, page 2-15	Yes	
Appendix B (a) (3) (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 2.1, page 2-2	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Project Overview  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
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 Technical Senior: Eileen Allen

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), 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 2-1, 6.8-2 Appendix B	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figure 2-1 thru 2-6b, 6.8-2	Yes	
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 2-4 and 2-5, Pages 2-4 thru 2-44	Yes	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 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, 6.8-2	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figure 6.15-5a thru 6.15-7b	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 4.0	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Public Health  
 Project Manager: John Kessler

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Obed Odoemelam  
 Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.11, pages 6.11-8 and 6.11-9. Section 6.3, pages 6.3-17 and 6.3-18	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Section 6.11, pages 6.11-14 and 6.11-17.	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 6.11, pages 6.11—9 through 6.11-13.	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Section 6.11, page 6.11-39.	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Section 6.11, page 6.11-39.	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Public Health  
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Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Obed Odoemelam  
 Technical Senior: Matt Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Section 6.11, pages 6.11-2 and 6.11-3.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Section 6.11, page 6.11-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.11, pages 6.11-27 through 6.11-30.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.11, page 6.11-8.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.11, page 6.11-4.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Reliability  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Shahab Khoshmashrab  
 Technical Senior: Steve Baker

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.2, 1.3.6, 2.1, 2.2, 2.3, 2.4.6, 6.6; Appendices C, D	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.1, 2.1, 2.4.5.1; Appendix C	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	—	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§ 2.4.2	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.1, 2.0, 2.1, 2.4, 2.4.5.3, 2.4.5.6, 5.4, 6.3	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.3.6, 2.4.5.2, 6.6, 6.17; Appendices C, D	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 1.1, 2.1, 2.4, 2.4.3, 2.4.5.2, 2.4.5.8, 2.4.6	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§§ 2.4.2, 2.4.3, 2.4.3.4	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Reliability  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Shahab Khoshmashrab  
 Technical Senior: Steve Baker

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	§§ 1.3.6, 6.6.1; Table 6.6-1; Appendix D	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Socioeconomics  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Joseph Diamond Ph. D.  
 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing Site Conditions: Section 6.12.2 Affected Environment, pages 6.12-3&4. Section 6.12.2.1 Regional Setting, page 6.12-4. Section 6.12.2.2 Local Setting, page 6.12-4. Section 6.12.3 Environmental Impacts, pages 6.12-18 to 34. Section 6.12.3.5 Cumulative Impacts, pages 6.12-36&37. Section 6.12.4 Mitigation Measures, page 6.12-37. Section 6.12.1.5 Required Permits and Permitting Schedule, page 6.12-3.	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Section 6.12.2.5 Economy and Employment, pages 6.12-7 to 10. Section 6.12.2.8 Fiscal Resources, pages 6.12-15 to 17.	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Section 6.12.2.3 Population, pages 6.12-4 to 6. Section 6.12-3.4 Environmental Justice, pages 6.12-34 to 36.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Socioeconomics  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Joseph Diamond Ph. D.  
 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Section 6.12.2.5 Economy and Employment. Pages 6.12-8 & 6.12-10.	Yes	
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Section 6.12.3.2 Construction Phase Impacts, Project Work Force and Population, pages 6.12-19 and 6.12-23 to 29 and Population, page 6.12-29. Section 6.12.3.3 Operation Phase Impacts, Project Work Force and Population, page 6.12-32.	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Section 6.12.2.4 Housing, pages 6.12-6&7. Section 6.12.3.2 Construction Phase Impacts, Housing, page 6.12-29.	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, 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, and school districts. 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.	Section 6.12.2.6 Public Services and Utilities, pages 6.12-10 to 15.	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:			

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Socioeconomics  
 Project Manager: John Kessler

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Revision No. 0 Date March 28, 2007  
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 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Table 6.12-13 VV2 Const Workforce by Skill, pages 6.12-20 to 22.	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	Section 6.12.3.2 Construction Phase Impacts, Project Work Force and Population, pages 6.12-19. Section 6.12.3.3 Operation Phase Impacts, Project Work Force and Population, page 6.12-32.	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	Same as above.	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	Section 6.12.3.2 Construction Impacts, Housing, page 6.12-29. Section 6.12.3.3 Operation Phase impacts, Housing, page 6.12-32.	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. 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 operation phases;	Section 6.12.3.2 Construction Phase Impacts, Public Services, Utilities and Schools, pages 6.12-30&31. Section 6.12.3.3 Operation Phase Impacts, Public Services, Utilities, and Schools, pages 6.12-32&33.	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Section 6.12.3.3 Operation Phase Impacts, Schools, page 6.12-33.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Socioeconomics  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Joseph Diamond Ph. D.  
 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Section 6.12.3.2 Construction Phase Impacts, Employment and Economy, page 6.12-30. Section 6.12.3.3 Operation Phase Impacts, Employment, page 6.12-32.	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Section 6.12.3.2 Construction Phase Impacts, Employment and Economy, page 6.12-30. Section 6.12.3.3 Operation Phase Impacts, Fiscal Resources, pages 6.12-33 & 34.	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Section 6.12.3.3 Operation Phase Impacts, Fiscal Resources, pages 6.12-33 & 34.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Section 6.12.1, LORS Compliance, pages 6.12-1.	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Section 6.12.1, LORS Compliance, pages 6.12-1.	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Socioeconomics  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Joseph Diamond Ph. D.  
 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.12.1.5 Required Permits and Permitting Schedule, page 6.12-3.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.12.1.4 Involved Agencies and Local Contacts, page 6.12-3.	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Soils  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend-Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 6.2-7 to 6.2-15 Sections 6.2.3 & 6.2.4	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figure 6.2-1 Mapsheets 1& 2, Figure 6.2-2 Mapsheets 1 through 7	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Table 6.2-3	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Section 6.2.2	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:			
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	Table 6.2-3	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Page 6.3-80 -6.3-81 Section 6.3.2.2.3	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Soils  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Ellie Townsend-Hough  
 Docket: 07-AFC-1 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Table 6.2-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.2-2	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.2.1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.2-2	Yes	
Appendix B (h) (4)	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.	Table 6.2-3	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Traffic and Transportation  
 Project Manager: John S. Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Shaelyn Strattan  
 Technical Senior: Eric Knight

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§6.8.2.1 (pp. 6.8-9 thru 6.8-11); 6.13.2 thru 6.13.4 (pp. 6.13-8 thru 6.13-29) Figs. 6.8-1 thru 6.8-4; 6.13-1 thru 6.13-4	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	§6.13.1.3 (pp. 6.13-5, 6) Fig. 6.13-1 Table 6.13-1	Yes	
Appendix B (g) (5) (B)	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.	§§6.13.2.1, 6.13.2.2, 6.13.2.4, 6.13.4.5 §6.8.2.1 (pp. 6.8-9 thru 6.8-11)	No	1. As noted in the AFC Table of Contents, Figure 16.13-3 should be the Transportation Facilities map. In both the print and electronic copy of the AFC, Figure 16.13-3 presents Peak Month Project Construction Traffic. Please provide the topographical maps at a scale of 1:24,000 that show all existing and planned transportation facilities including the SCLA and corridors in all jurisdictions that may be affected by or serve the proposed project. Include proposed rail line routes for the Intermodal project.
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	§6.13.2.1 (pp. 6.13-8 thru 6.13-11);	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Table 6.13-5	No	Please provide current daily averages for roadways that may be affected by or serve the proposed project.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Traffic and Transportation  
 Project Manager: John S. Kessler

**DATA ADEQUACY WORKSHEET**

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 Technical Senior: Eric Knight

Project: Victorville 2 Hybrid Power Project  
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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Tables 6.13-5, 6.13-6	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	§6.13.3.2 (pp. 6.13-17, 18)	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	None provided	No	Please provide a breakdown of current traffic flows on roadways that may be affected by or serve the proposed project, distinguishing between passenger vehicles and trucks.
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	None provided	No	Please provide a discussion of any road features that could affect public safety along roadways that may serve the proposed project.
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	§§2.1, 2.2 (pp. 2-1 thru 2-3), 2.4.7; §2.4.1 (pp. 6.13.2.1, 6.13.2.2 (pp. 6.13-8 thru 6.13-11); §6.8.2.1 (pp. 6.8-9 thru 6.8-11) Figs. 2-4, 6.13-1, 6.13-2, 6.13-5	No	Please provide topographical maps at a scale of 1:24,000 specifying the type and location of any new, planned or programmed transportation facilities in the project vicinity, including along the transmission line route, including those necessary for the construction and operation of the proposed project.
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. 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)(C).	§§6.13.3.2 thru 6.13.5.5 (pp. 6.13-15 thru 6.13-29) Tables 6.13-6 thru 6.13-10	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Traffic and Transportation  
 Project Manager: John S. Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: Shaelyn Strattan  
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (E)	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.	§6.13.5.3 (pp. 6.13-18, 19) Table 6.7-3 §6.7.4.2 (pp. 6.7-10, 14-19) §§6.7.4.3, 6.7.4.4, 6.7.4.5 (pp. 6.7-20 thru 6.7.23)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Table 6.13-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.13-2	No	Please identify agencies with jurisdiction to issue applicable permits and/or enforce LORS in San Bernardino County, City of Adelanto, and City of Hesperia jurisdictions into Table 6.13-2, as they relate to traffic and transportation issues. Also include contact information for SCLA Airport Operations and the San Bernardino County Airport Land Use Commission.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§6.13.2.3 (p. 6.13-12); 6.13.3.2, 6.13.3.3 (pp. 6.13-15 thru 6.13-29)	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.13-5	No	Please provide contact information, including email address if available, for all agencies with potential LORS jurisdiction for traffic/transportation-related issues, as noted in Table 6.13-1. Also, see Request for Appendix B(h)(1)(B) above.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Traffic and Transportation  
 Project Manager: John S. Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power Project Technical Staff: Shaelyn Strattan  
 Docket: 07-AFC-1 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	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.	Table 6.13-3	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Transmission Line Safety and Nuisance  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Revision No. 0 Date March 28, 2007  
 Technical Staff: Obed Odoemelam  
 Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 1.0, pages 1-1 and 1-4. Section 3.0, page 3-1, Section 6.14, pages 6.14-1 through 6.14-6.	Yes	
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 6.14, pages 6.14-2, 6.14-6, and 6.14-12.	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 6.14, pages 6.13 through 6.14-18.	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 6.14, pages 6.14-6 through 6.14-8.	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Section 6.14, pages 6.14-2 through 6.14-5.	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: **Transmission Line Safety and Nuisance**

Project: Victorville 2 Hybrid Power Project

Technical Staff: Obed Odoemelam

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Matthew Layton

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Section 6.14, pages 6.14-5 and 6.14-6.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.14, pages 6.14-6 through 6.14-21.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 6.14, page 6.14-6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.14, page 6.14-6.	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Transmission System Eng.  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Sudath Arachchige  
 Technical Senior: Mark Hesters

Project: Victorville 2 Hybrid Power project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 2.5 pages 2-38 to 42 Section 2.4 pages 2-15 to 2-18 Figure 2-11 Interconnection One Line Diagram	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Section 2.5 pages 2-38 to 42 Section 2.4 pages 2-15 to 2-18 Figure 2-11 Interconnection One Line Diagram	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Transmission System Eng.  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power project  
 Docket: 07-AFC-1

Technical Staff: Sudath Arachchige  
 Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 2.5 pages 2-38 to 42 Section 2.4 pages 2-15 to 2-18  Figure 2-11 Interconnection One Line Diagram  Appendix F Interconnection System Impact Study (SIS)  Facilities Study - pages 20 to 21	No	<ol style="list-style-type: none"> <li>In reference to the System impact Study (SIS) dated October 16, 2006, please provide the following information:           <ul style="list-style-type: none"> <li>Power flow diagrams for identified N-0, N-1 and N-2 overloads, with and without the proposed Victorville 2 for contingencies under 2009 Heavy Summer &amp; 2010 Light Spring conditions.</li> <li>Electronic copies of *.sav *.drw*.dyd and *.swt GE PSLF files and EPCL contingency files in a CD (if available).</li> </ul> </li> <li>Provide a detailed one line diagram of the Victorville 2 230kV switchyard showing all equipment and their respective ratings for the generator interconnection with the switchyard. Please include any bus duct connectors or cables, 18kV breakers on the low side, generator step-up transformers, short overhead line or conductors with its configuration, buses, breakers, and disconnect switches on the 230kV side.</li> <li>For each of the proposed transmission segments as summarized below, please provide a full description consisting of the following: one line diagrams showing pre- and post-project facilities, pole and tower configurations including dimensions, line clearances at circuit crossings, pole and tower locations for transmission line routes, conductor sizes and conductor termination points at substations.           <p><u>Segment 1:</u> The construction of approximately 4.3 miles of 230kV transmission line between the project site and the south of the HDPP.</p> <p><u>Segment 2:</u> The addition of a second circuit approximately 5.7 mile long HDPP-Victor 230kV line.</p> <p><u>Segment 3:</u> The installation of approximately 11 miles of new 230kV transmission towers and two conductor sub-bundled 1590 ACSR conductors from the Victor substation to the existing Lugo substation. Additionally, segment 3 will require relocating an existing 115kV line.</p> </li> </ol>

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Transmission System Eng.  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Sudath Arachchige  
 Technical Senior: Mark Hesters

Project: Victorville 2 Hybrid Power project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 2.5 pages 2-38 to 42 Section 2.4 pages 2-15 to 2-18  Figure 2-11 Interconnection One Line Diagram  Appendix F Interconnection System Impact Study (SIS)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Appendix D Engineering Design Criteria  Section 2.0 Design codes and Standards  Table 6.14-1 Pages 6.14-1 and 6.14-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.13-3 Page 6.13-7  Table 6.14-6 Pages 6.14-5 and 6.14-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h) (1) (A).	Appendix D Section 3.0 Pages 6.14-1 and 6.14-2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Transmission System Eng.  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Project: Victorville 2 Hybrid Power project Technical Staff: Sudath Arachchige  
 Docket: 07-AFC-1 Technical Senior: Mark Hesters

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.13-2,6.14-6 Pages 6.14-5 and 6.14-6	Yes	
Appendix B (h) (4)	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.	Table 6.13-3, Page 6.13-7 Table 6.14-6, Pages 6.14-5 to 6	No	Please provide the expected dates for the CA ISO preliminary and final approvals.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate  X   
 Technical Area:  Visual Resources   
 Project Manager:  John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No.  0  Date  March 28, 2007

Project:  Victorville 2 Hybrid Power Project   
 Docket:  07-AFC-1

Technical Staff:  David Flores   
 Technical Senior:  Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg. 6.15.15-5 Sec. 6.15.2.2 AFC pg. 6.15-18 & 19 Sec. 6.15-18 AFC pg. 6.15-19 Sec. 6.15-4	YES	
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	AFC pg. 6.15-5 & 6 Sec. 6.15.2.1 through 6.15.2.1 through 6.15-7	YES	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 6.15-3 through 6.15-7	YES	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	AFC pg. 2-32 through 34 Sec. 2.4.5.8 Figures 2-6a and 2-6b	YES	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	AFC pg. 6.15-5 & 6 Sec. 6.15.2.1	YES	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	AFC pg. 6.15-12 through 14 Sec. 6.15.3.2 & 6.15.3.3	YES	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Visual Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: David Flores  
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	AFC pg.6.15-5 through 9 Sec. 6.15.2 through 6.15.2.5	YES	
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	AFC pg. 2-32 through 34 Sec. 6.15.2 through 6.15.2.5	YES	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figure 6.15-5a & 5b Figure 6.15-6a & 6b Figure 6.15-7a & 7b Figures 2-13a through 2-18b	YES	
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	AFC pg. 6.15-11 & 12 Sec. 6.15.3.1 AFC pg. 6.15-14 through 16 Sec. 6.15.3.4 Table 6.15-3	NO	Although a brief discussion on the visual effects of light and glare is discussed from the natural gas-fired generating portion of the project, there is no discussion of the effects of glare from the solar array portion of the project. Discuss the effects of the solar arrays from public viewing areas, especially from the KOP 3, which has been identified as the nearest residence.

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Visual Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

Technical Staff: David Flores  
 Technical Senior: Eric Knight

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	AFC pg. 6.15-1 through 4 Sec. 6.15.1 through 6.15.1.2 Table 6.15-2	YES	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 6.15-4 Sec. 6.15.1.3 Table 6.15-2	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 6.15-2 through 4 Sec. 6.15.1. through 6.15.1.2	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 6.15-4 Sec. 6.15.1.3 Table 6.15-2	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	n/a	N/A	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Waste Management  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Pages 1-1 thru 1-14, Section 1; Pages 2-1 thru 2-44, Section 2	Yes	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Pages 4-1 thru 4-2, Section 4	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 6.16-9 to 6.16-16 Sections 6.16.3 and 6.6.16.4	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment 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.	Appendix M	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Waste Management  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Table 6.16-6	Yes	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under 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.	Table 6.16-4	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Table 6.16-5 Table 6.16-6	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Table 6.16-1	Yes	

Adequacy Issue: Adequate  Inadequate   
 Technical Area: Waste Management  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-1

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 6.16-2 Table 6.16-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 6.16-1 to 6.16-4 Section 6.16.1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 6.16-2	Yes	
Appendix B (h) (4)	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.	Table 6.16-3	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Pages 6.16-14 to 6.16-16 Section 6.16.4	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 6.16.3	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Water Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend-Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-01

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.17.3 Section 6.17.4	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	Pages 6.17-1 to 6.17-7 Section 6.17.1 Table 6.17-1	Yes	
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Not applicable	NA	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Page 6.17-8 Table 6.17-3	Yes	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:			
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Pages 6.17-9 to 6.17-11 Section 6.17.2.2 Figure 6.17-1	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Pages 6.17-11 to 6.17-12 Section 6.17.2.3 Figure 6.17-1	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Page 6.17-12 Section 6.17.2.3 Page 6.17-18 Section 6.17.3.3 Figure 6.17-2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Water Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend-Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-01

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Pages 2.20 to 2.24 Section 2.4.5.2 Page 6.16-12 to 6.17-13 Section 6.17.2.4	Yes	
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Pages 2-20 to 2-26 Sections 2.4.5.2 through 2.4.5.4 Figure 2-12a & Figure 2-12b, Figure 2-12c	Yes	.
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Pages 2-20 to 2-26 Sections 2.4.5.2 through 2.4.5.4 Figure 2-12a & Figure 2-12b, Figure 2-12c	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Pages 2-20 to 2-26 Sections 2.4.5.2 through 2.4.5.4 Figure 2-12a & Figure 2-12b, Figure 2-12c	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:			
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Page 6.17-9 Section 6.17.2.1; Pages 6.17-11 & 12, Section 6.17.2.3	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Page 2-34 & 35 Section 2.4.6.7; Page 6.17-14 Section 6.17.3.1 Page 6.17-17 Section 6.17.3.2	No	Please provide the design criteria and conceptual drainage plans/BMPs for the construction and operational phases of the project.
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:			

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X  
 Technical Area: Water Resources  
 Project Manager: John Kessler

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007  
 Technical Staff: Ellie Townsend-Hough  
 Technical Senior: Paul Richins

Project: Victorville 2 Hybrid Power Project  
 Docket: 07-AFC-01

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Page 6.17-16, Section 6.17.3.2	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Page 2-34 & 35 Section 2.4.6.7; Page 6.17-14 Section 6.17.3.1 Page 6.17-17 Section 6.17.3.2	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Page 6.17-18 Section 6.17.3.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Tables 6.17-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Tables 6.17.2 and Table 6.17-3	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 6.17-1 to 6.17-7 Sections 6.17.1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Tables 6.17.2	Yes	

Adequacy Issue: Adequate \_\_\_\_\_ Inadequate X

**DATA ADEQUACY WORKSHEET**

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Technical Area: **Water Resources**

Project: Victorville 2 Hybrid Power Project

Technical Staff: Ellie Townsend-Hough

Project Manager: John Kessler

Docket: 07-AFC-01

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	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.	Table 6.17-3	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Worker Safety

Project: Victorville 2 Hybrid Power Project

Technical Staff: Rick Tyler

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 6.8	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Table 6.18-8	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Section 6.18.3.1	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 6.18	Yes	
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	Section 6.18	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	Section 6.18	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	Section 6.18	Yes	
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	Section 6.18	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	Section 6.18	Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220); Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	Section 6.18	Yes	

Adequacy Issue: Adequate  Inadequate

**DATA ADEQUACY WORKSHEET**

Revision No. 0 Date March 28, 2007

Technical Area: Worker Safety

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Technical Staff: Rick Tyler

Project Manager: John Kessler

Docket: 07-AFC-1

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of 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;	Table 6.18-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits 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.	Sections 6.18 Table 6.18-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 6.18	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.18-4	Yes	
Appendix B (h) (4)	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.	Table 6.18-5	Yes	