

**DOCKETED**

<b>Docket Number:</b>	23-OPT-01
<b>Project Title:</b>	Fountain Wind Project
<b>TN #:</b>	251466
<b>Document Title:</b>	fwp_data_responses_2023-0802
<b>Description:</b>	N/A
<b>Filer:</b>	Caitlin Barns
<b>Organization:</b>	Stantec Consulting Services, Inc.
<b>Submitter Role:</b>	Applicant Consultant
<b>Submission Date:</b>	8/2/2023 11:37:56 AM
<b>Docketed Date:</b>	8/2/2023

Data Request Identifier	Request Source	Topic	Reviewer	Siting Regulations	Information	Opt-In Page Number And Section Number	Original Determination of Adequacy	Information Required To Make OPT Conform With Regulations	Response Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2	CEC Disposition No. 2	Applicant Response No. 3	CEC Disposition No. 3	Applicant Response No. 4	CEC Disposition No. 4	Applicant Response No. 5
AIR - 002	Deficiency Letter Matrix	Air Quality	Hughes	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.	Shasta County DEIR, Section 3.3 Air Quality (TN 48288-5); Shasta County DEIR, Section 3.10 Greenhouse Gas Emissions (TN 248288-12); Shasta County DEIR Appendix B Air Quality and Greenhouse Gas Emissions (TN 248291-4)	No	Background: Emergency Generator - The project would utilize a 268 horsepower (hp) emergency generator that would operate for testing and maintenance purposes. The emergency generator would require a permit to operate (PTO) from the Shasta County AQMD. Energy Commission staff will need to incorporate portions of the Shasta County AQMD engineering	5/23/2023 and 5-Jul and 2-Aug	An application for an Authority to Construct will be submitted to Shasta County AQMD. The Applicant will provide a determination of completeness once it is available from SCAQMD.	AIR-002 - The emergency generator will require an ATC/PTO from the Shasta County AQMD. Staff will need to include the permit conditions in our EIR. To ensure the AQMD has everything it needs to issue the ATC/PTO, please provide the application completeness letter from the Shasta County AQMD.	The Applicant prepared an application for an Authority to Construct for the Project's backup generator (TN# 250951 and 250952). Once the Applicant receives the notice that the application is complete from the Shasta County AQMD, it will be provided to CEC.	This item remains incomplete. Once the completeness determination has been provided by Shasta County AQMD the item will be data adequate.	The Applicant has provided all the information we have. The final action for this data request lies with the SCAQMD.				

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								evaluation and PTO into its EIR. Request : Emergency Generator - Please provide a completeness determination from the Shasta County AQMD confirming that the district has everything it needs to complete its review of this project and provide an engineering evaluation and permit to operate.										
PH-012	Deficiency Letter Matrix	Public Health	Hughes	Appendix B (i) (3)	As scheduled indicating when permit	Shasta County DEIR, Section 3.3 Air Quality	No	Please provide a schedule indicating when	4/3/2023 and 5-Jul and	Table of applicable permits, agency contact information, and the schedule to obtain legally binding enforceable agreement(s) with community-based organizations and/or permitting entities was submitted on April 3, 2023 (TN# 249533).	The information submitted is incomplete. The status of the permit schedules was listed as "to be determined".	The Applicant prepared an application for an Authority to Construct for the Project's backup generator (TN# 250951 and 250952). Once the Applicant receives the notice that the application is complete from the	This item remains incomplete. Once	The Applicant has provided all the information we have. The final action for this data request lies with the SCAQMD.				

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					s outside the authority of the Commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	(TN 48288-5)		the necessary permits from the Shasta County AQMD will be obtained .	2-Aug		Once the district deems the application complete we can identify this as data adequate.	Shasta County AQMD, it will be provided to CEC.	the completeness determination has been provided by Shasta County AQMD the item will be data adequate.					
TR AF-001	Deficiency Letter Matrix	Traffic and Transportation	Robinson Islamker	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	TN 248288-16: DEIR Transportation; Section 3.14.3.2, Pages 3.14-10 – 3.14-16 TN 248288-14: DEIR Greenhouse Gas Emissions ; Section 3.10.3.2, Pages 3.10-17 – 3.14-19 NOT DOCKETED: Fountain Wind	No	Please expand the analysis of Impact 3.14-2 Impact 3.14-2 of Section 3.14.3 (Direct and Indirect Effects) presents the analysis of the project relative to CEQA Guidelines	6/16/2023 and 10-Jul and 2-Aug	See Section 8.1 of the revised Traffic Study (TN# 250644) for a discussion of carpooling as a means to reduce construction-related VMT.	Thank you for discussing potential measures for reducing commute VMT during construction. The acknowledgment that carpooling is a viable TDM strategy is helpful. However, quantification of the potential reduction in VMT through implementation of carpooling should be provided.  A table to summarize the VMT calculation provided in Section 8.1	See Exhibit 4 of the updated Traffic Impact Analysis (TN# 250985).	Thank you for providing the inputs for the VMT calculation in Exhibit 4. Please confirm the total VMT calculation, which shows 4,766, 749. It	Please see updated traffic responses (TN# 251461) and Traffic Study (TN# 251464 and 251463).				

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					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.	Project Draft EIR Appendix H (Transportation), Westwood Traffic Study, Fountain Wind Power, Shasta County, California, February 11, 2020, Page 17 File was obtained from the following site on 1/30/2023 : <a href="https://www.shastacounty.gov/sites/default/files/attachments/planning/page/361/appendix_h_transportation.pdf">https://www.shastacounty.gov/sites/default/files/attachments/planning/page/361/appendix_h_transportation.pdf</a>		Section 15064.3 (b), which relates to the evaluation of a project's transportation impacts. Specifically, analysis using vehicle miles of travel (VMT) is identified as the most appropriate measure for the analysis of transportation impacts. The analysis of Impact 3.14-2 relies on GHG analysis in Section 3.10, GHG Emissions, since the intent of SB 743 is to encourage			(Page 15) of the revised report (TN# 250644) should be provided to show how the VMT was calculated. Including information like workdays, vehicles, trips, and trip length will eliminate the need for readers to have to "back into" the calculation.  Similarly, the calculation of VMT per capita in the 4th paragraph Section 8.1 (Page 15) of the revised report (TN# 250644) should identify the assumed vehicle occupancy.		appears that the Total Aggregate for Compaction Deliveries may have been double counted.  However, Exhibit 4 of the updated Traffic Impact Analysis (TN# 250985) does not quantify the potential reduction in VMT through implementation of carpooling.  Also, the calcul					

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								ge land use and transportation planning decisions and investments that reduce VMT, thereby reducing GHG emissions. As explained in Section 3.14-2, absent an adopted VMT threshold, the County decided to rely on an established environmental standard that is protective of resources of legislative concern. The less-than-significant impact finding is in part a result					ation of VMT per capita in the 4th paragraph Section 8.1 (Page 16) of the revised report (TN# 250985) should identify the assumed vehicle occupancy. It appears to be 2 employees per vehicle. Please conform and update the analysis accordingly.					

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								nted to reduce VMT during construction, although identified in Appendix H, Page 17.										
TR AF-004	Deficiency Letter Matrix	Traffic and Transportation	Robinson Islam Ker	Appendix B (g) (5) (C) (i)	Road classification and design capacity;	TN 248288-16: DEIR Transportation; Section 3.14.1.2 (Environmental Setting), Page 3.14-4 (Table 3.14-2) <b>NOT DOCKETED:</b> Fountain Wind Project Draft EIR Appendix H (Transportation), Westwood Traffic Study, Fountain Wind Power, Shasta County, California, February 11, 2020, Page 2-3. <b>File was obtained</b>	No	Please update the capacities documented in Table 3.14-2. The hourly capacities presented are base capacity values, representative of ideal conditions. Base capacities do not account for the impacts of heavy vehicles, grades or other sources of friction that will lower	6/16/2023 and 10-Jul and 2-Aug	The capacities have been updated in Table 1.1 of the revised Traffic Study (TN# 250644) as requested.	Thank you for updating the capacity analysis. The information submitted in Table 1.1 of the revised report (TN# 250644) and the technical calculation provided in Appendix D was responsive to the request.  A description of the methodology applied and the software used to complete the capacity analysis is missing.	See updated Traffic Impact Analysis (TN# 250985). Roadway capacity analysis was performed with HCS Software for the pre-construction, construction, and post-construction scenarios. Traffic data collected by Caltrans in 2020 and roadway characteristics observed from desktop review (i.e., speed limit, number and width of lanes, etc.) were used to calculate roadway capacity. Project access Level of Service (LOS) methodology is described in Section 8.2.	Please describe in the text of Section 8.2 of the updated Traffic Impact Analysis (TN# 250985) which Highway Capacity Manual (HCM) methodologies were applied using the Highway Capacity Softw	Please see updated traffic responses (TN# 251461) and Traffic Study (TN# 251464 and 251463).				



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						from the following site on 1/30/2023 : <a href="https://www.shastacounty.gov/sites/default/files/fileattachments/planning/page/3361/appendix_h_transportation.pdf">https://www.shastacounty.gov/sites/default/files/fileattachments/planning/page/3361/appendix_h_transportation.pdf</a>		the capacity of a freeway or highway lane.					are (HSC) .					
TR-AF-007	Deficiency Letter Matrix	Traffic and Transportation	Robinson Islam Ker	Appendix B (g) (5) (C) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	TN 248288-16: DEIR Transportation; Section 3.14.1.2 (Environmental Setting), Page 3.14-3 – 3.14-4, (Table 3.14-2) <b>NOT DOCKETED:</b> Fountain Wind Project Draft EIR Appendix H (Transportation), Westwood Traffic Study, Fountain Wind Power, Shasta County,	No	Please update roadway capacity and intersection operations analysis . As outlined above, the roadway capacity analysis was conducted using base capacity values that do not account for the impacts of heavy vehicles , grades or other sources of	6/16/2023 and 10-Jul and 2-Aug	The analyses have been revised as requested. Results are presented in Table 1.1 and Appendix D of the revised Traffic Study (TN# 250644).	Please refer to response to TRAF-004.	See updated Traffic Impact Analysis (TN# 250985). Roadway capacity analysis was performed with HCS Software for the pre-construction, construction, and post-construction scenarios. Traffic data collected by Caltrans in 2020 and roadway characteristics observed from desktop review (i.e., speed limit, number and width of lanes, etc.) were used to calculate roadway capacity. Project access Level of Service (LOS) methodology is described in Section 8.2.	Please refer to response to TRAF-004.	Please see updated traffic responses (TN# 251461) and Traffic Study (TN# 251464 and 251463).				

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						California, February 11, 2020, Page 12-16 <b>File was obtained from the following site on 1/30/2023</b> : <a href="https://www.shastacounty.gov/sites/default/files/fileattachments/planning/page/3361/appendix_h_transportation.pdf">https://www.shastacounty.gov/sites/default/files/fileattachments/planning/page/3361/appendix_h_transportation.pdf</a>		friction that will lower the capacity of a freeway or highway lane. In addition, the analysis needs to be updated based on new traffic count data.										
LU-001	Deficiency Letter Matrix	Land Use	Vahidi Inouye Ker	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	TN 248288: DEIR Forestry Resources; Section 3.8.3.2; pages 3.8-3 to 3.8-4 TN 248289-1: FEIR Vol 1; Section 1.2.3.2; page 1-16 TN 248312: Timber Conversion Permit; page 25 TN 248322: Executive Summary	No	Please provide details on timber conversion activities for a comprehensive Forestry analysis. The DEIR Forestry Resources Section 3.8 did not discuss the direct or indirect impacts associat	6/1/2023 and 1-Aug and 2-Aug	Timber removal activities are required to install the turbines and other project features. However, this timber removal would occur with or without the project since the project is being proposed on land under active timber harvest and zoned and permitted for timber harvest. As such, timber removal activities are part of the baseline conditions. CEQA does not require an analysis of a reduction of baseline activities unless that reduction would itself result in significant environmental impacts, which is not the case here.	The information submitted is incomplete. TN 250448 (land_use_fwp_responses) is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(1).  Per the Warren-Alquist Act Siting Regulation Appendix B (g)(1), the Applicant must "...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative	Please see analysis presented in timber harvest memorandum (TN# 251438).						

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					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.	and Project Description; Section 4.4.1.2; page 9		ed with the quantity of timber that would be removed, the process for removing the timber, where the timber would be shipped and processed, and site treatment activities following timber removal. The information regarding quantity of timber to be removed and the removal/treatment procedures was not included in the 2020			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.”  The proposed project would introduce a non-timber production land use within a County-designated Timber Production District. Activities to prepare the site for installation of wind turbines and appurtenant infrastructure (i.e., timber removal and soil disturbance) would involve changes to the baseline conditions of the project site. Per CEQA Guidelines Section 15126.2(a), an EIR must evaluate the “...changes in the existing physical conditions in the							

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								DEIR Project Description. While the 2021 Timber Conversion Permit (TCP) included additional details on the proposed timber conversion activities, none of these specific timber-related activities were analyzed under CEQA in the 2020 DEIR or 2021 FEIR. Furthermore, as stated in page 25 of the Timberland Conversion Permit (TCP), the applicant did not			affected area...at the time environmental analysis is commenced.” The Draft EIR Forestry Resources Section 3.8 did not discuss the direct or indirect impacts associated with the quantity of timber that would be removed, the process for removing the timber, where the timber would be shipped and processed, and site treatment activities following timber removal. The information regarding quantity of timber to be removed and the removal/treatment procedures was not included in the 2020 Draft EIR Project Description.  The specific information still needed to analyze impacts to Forestry Resources includes the following: --Provide details on timber conversion activities for a comprehensive Forestry analysis							

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								prepare an analysis of Timber Supply Depletion for consideration in the CEQA document. A Timber Supply Depletion analysis was to be prepared at a later date as part of the Timber Harvest Plan (THP).			(i.e., quantity of timber that would be removed, the process for removing the timber, where the timber would be shipped and processed, and site treatment activities following timber removal).							
AIR - 013	Deficiency Letter Matrix	Air Quality	Hughes	Appendix B (g) (8) (I) (i)	An evaluation of the project's direct and cumulative air quality impacts, consisting of: A screening level air	Shasta County DEIR, Section 3.3 Air Quality (TN 48288-5); Shasta County DEIR Appendix B Air Quality and Greenhouse Gas Emissions (TN 248291-4)	No	Provide the air quality modeling analysis to determine construction related impacts consistent with the revised construction emission	23-May and 29-Jun and 28-Jul and 2-Aug	Please see updated air quality modeling analysis (TN# 250273).	AIR-013 - The response (TN 250273) provides emissions rates without an evaluation of impacts to ambient air quality. The required ambient air quality impact analysis will determine downwind concentrations of criteria pollutants during project construction activities. The evaluation will compare the	See response to AIR-010.	The response is insufficient. Specifically, project PM10 emissions during construction would exceed Shasta County	See air quality response memo with dispersion modeling results (TN# 251208).				

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					quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM10) emissions from grading, excavation and site disturbance, as well			estimates and assumptions as requested under Appendix B (g)(8)(A) requirements above. Otherwise, provide a detailed justification of why such modeling isn't required for this project based on the revised construction emission estimates and assumptions as requested under Appendix B (g)(8)(A) requirements above.			results to the California Ambient Air Quality Standards (CAAQS) and National Ambient Air Quality Standards (NAAQS). Applicant may choose to use a screening model (e.g., AERSCREEN or SCREEN3) or refined model (e.g., AERMOD).		AQMD thresholds of significance. Data provided (TN 250818) shows PM10 for year 1 as 433.15 pounds per day. The Shasta County significance thresholds are 80 lb/day for Level A and 137 lb/day for Level B. The 2003 Shasta County protocol indicates that emissions excee					

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					as the combustion emissions [nitrogen oxides (NOx), sulfur dioxide (SO2), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM10) and particulate matter less than 2.5 microns in diameter (PM2.5) from construction-related equipment;								ding the thresholds should be evaluated for potential violation of ambient air quality standards using dispersion modeling. Applicant may choose to use screening models or a refined analysis, as needed.					
AIR-014	Deficiency Letter	Air Quality	Hughes	Appendix B (g)	A screening level	Shasta County DEIR, Section	No	Provide the air quality modelin	23-May and	Emission calculations for the 268 hp emergency generator are included in the updated air quality modeling analysis (TN# 250273).	AIR-014 - The response (TN 250273) indicates that emissions	See response to AIR-010.	The response is insuffi	See air quality response memo with dispersion				

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	er Matrix			(8) (i) (ii)	air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct criteria pollutant (NOx, SO2, CO, PM10, and PM2.5 ) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes	3.3 Air Quality (TN 48288-5); Shasta County DEIR Appendix B Air Quality and Greenhouse Gas Emissions (TN 248291-4)		g analysis for the readiness testing and maintenance of the 268 hp emergency generator. Otherwise, provide a detailed justification of why such modeling isn't required for this project. Including a description of the engine location on the site, the distance to sensitive receptors, etc.	29-Jun and 28-Jul and 2-Aug		during typical operation will be much lower than those during project construction activities. The applicant may evaluate impacts to ambient air quality during construction activities (Request AIR-013) and discuss why additional modeling may not be necessary for characterizing the impacts of typical operation.		cient. The response should provide a detailed justification of why dispersion modeling isn't required for typical operation of the project, including scenarios of emergency generator use.	modeling results (TN# 251208).				



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					of operati on. Identif y and includ e in the modeli ng of each operati ng mode the estima ted maxim um emissi ons rates and the assumed meteo rologic al conditi ons;													
CUL-003	Deficien cy Lett er Mat rix	Cultur al Reso urces	De Oliv eira Hat heway Ro ark	Appendi x B (g) (2) (B)	The results of a literatu re search to identif y cultura l resour ces within an area not less than a 1-mile radius	Stantec Consultin g Services (Stantec), 2019. Foun tain Wind Energy Pro ject Cultur al Resource s Phase 1 Inventory of 4,463 Acres, Sha sta County, California. Prepared for Foun tain	No	Provide a copy of the Northea st Informat ion Center request let ter, USGS 7.5' quadran gle map of the literatur e search area delineat ing the areas of	29-Jun and 31-Jul and 2-Aug	A records search at the Northeast Information Center (NEIC) of the Califor nia Historic Resources Information System (CHRIS) was conducted by NEIC personnel on September 13, 2017 (NEIC File No. D17-150) to obtain and review previous cultural resource records, cultural resource studies, and any additional documentation pertaining to properties located within a 0.25-mile extent of the Survey Area. Full reports were requested as IC File #NE23-64. In addition, a supplement al record search of the Project Site and a 1-mile buffer was initiated on May 16, 2023. The results are discussed in the updated Cultural Resources Phase I Inventory Section 7.1 and Appendix B, Tables 1 and 2 ("rpt_ftn wind_cul_ resources_ jun2023_ compiled_ Part1" through "_Part4") and Section 3.3 of the Historical Resources Evaluation Report (HRER) ("fwp_rpt_ hrer_ submittal_ final_ compiled"). Up	The information submitted is incomplete. Please provide a map showing the record search results (previously recorded resources and previous studies) as outlined in Appendix B.	See updated figures (CUL-003_ CUL2-02) docketed 7/31/2023. TN number not yet posted because of confidential ity.						

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					around the project site and not less than one-quarter (0.25) mile on each side of the linear facilities. Identify any cultural resources listed pursuant to ordinance by a city or county or recognized by any local historical or archaeological society or museum. Literature search	Wind LLC. December 2019. Section 6.1 CHRIS Record Search Results, pp. 2, 15, 18, Appendix B DEIR, p. 3.6-6 Cultural Report Author Qualifications Confidential Appendix C: DPR Forms		all past surveys and noting the CHRIS identifying number, and response letter. Describe efforts to identify any cultural resources listed or recognized by a city, county, or local historical and archaeological societies or museums. Provide copies of California Department of Parks and Recreation (DPR) 523 forms (Title 14 CCR section 4853)		dated records search, DPRs, and reports are provided (filenames with “NEIC” and “DPR”). Regarding efforts to identify any cultural resources listed or recognized by a city, county, or local historical and archaeological societies or museums, Shasta County does not maintain a historic register nor do the communities on Round Mountain and Burney. An electronic search of the online database of the Shasta Historical Society did not identify any relevant resources.								

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					all technical reports whose survey coverage is wholly or partly within .25 mile of the area surveyed for the project under section (g)(2)(C), or which report on any archaeological excavations or architectural surveys within the literature search area.													
CUL2-02	Deficiency Letter Attachment	Cultural Resources	Not specified	Not specified	The original record search conducted	Not specified	No	This data request is made in addition to	29-Jun and 31-Jul and	See response to CUL-003.	The information subitted is incomplete. Please provide a map showing the record search results	See updated figures (CUL-003_CUL2-02) docketed 7/31/2023. TN number not yet posted because of confidentiality.						

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	ent B				by Stantec was for a 0.25-mile area surrounding the original project site. Current CEC guidelines require that cultural documentation shall include the results of a record search within an area not less than a 1-mile radius around the project site and not less than one-quarter (0.25)			previously requested information in the Data Adequacy Worksheet. If Stantec staff determine that the original records search boundaries are inadequate, then Stantec shall conduct a new records search within an area not less than a 1-mile radius around the project site and not less than one-quarter (0.25) mile on each side of the linear facilities	2-Aug		(previously recorded resources and previous studies).							

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					n of the project site has been provided. The current project site is known to be smaller than the original project site, and it is understood that Stantec is evaluating whether or not the original records search boundary entirely covers the current project site.													
MO R-026	Deficiency	Mandatory Opt-in	Vahidi Alle	Cal. Code	A discussion of	TN 248322: Executive	No	Permit Schedule. The	3-Apr and	Table of applicable permits, agency contact information, and the schedule to obtain legally binding enforceable agreement(s) with	The information submitted is incomplete. TN	During the original CEQA process with Shasta County, the Applicant had multiple discussions with CDFW and						

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	Letter Matrix	Requirements	n Inouye Kaufman Ker Hughes	Regs., tit. 2, § 1877(d)	whether the applicant has submitted any local, state, or federal permit applications. For any required permit that has not yet been submitted to the relevant state agency, include a plan for submitting the application and any discussions that have occurred with the state	Summary and Project Description; Section 5 (Project Permits), Table 3 (List of Potential Permits and Status), pgs. 16 to 17		<p>“List of Potential Permits and Status” provided in Table 3 does not identify the steps involved or the schedule for obtaining the permits that are outside the authority of the commission.</p> <p>Please provide the following: 1. Provide the schedule for obtaining permits.</p>	27-Jun and 2-Aug	community-based organizations and/or permitting entities was submitted on April 3, 2023 (TN# 249533).	<p>249533 (Data Response 1 - Permit Table and Schedule) is not an adequate response to the Warren-Alquist Act Siting Regulation Cal. Code Regs., tit. 2, § 1877(d).</p> <p>Per the Warren-Alquist Act Siting Regulation Cal. Code Regs., tit. 2, § 1877(d), “<i>For any required permit that has not yet been submitted to the relevant state agency, include a plan for submitting the application and any discussions that have occurred with the state agency with authority over the project.</i>”</p> <p>The specific information still needed is: --Discussions that have occurred with the State agencies (e.g., California Department of Fish and Wildlife) with permitting authority over the project. --Plan for submitting each required permit application.</p>	submitted an application for a Lake and Streambed Alteration Agreement (TN# 248329-2). Under the Warren-Alquist Act, the CEC jurisdiction supersedes CDFW's otherwise applicable permitting authority. Therefore, since filing the Opt-in Application, the Applicant has not had further discussions with CDFW and does not plan to submit any applications to CDFW. The Applicant plans to submit an application for a back-up generator to the SCAQMD by July 1, 2023. For permits from the RWQCB, the Applicant is in the process of preparing permit applications for Section 401/Porter-Cologne and plans to submit by the end of July, 2023.						

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					agency with authority over the project.													
PO-018	Deficiency Letter Matrix	Project Overview	Salphone Nger	Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 (or appropriate map scale agreed to by staff) of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s);	TN 248297-2: CEQA Initial Study Figure 2	No	Not to the scale of 1:24,000 and no settled areas, parks, recreational areas, scenic areas are shown.	5/11/2023 and 2-Aug	The Project does not propose to construct any new high voltage transmission lines. By definition, Transmission lines are electric lines capable of carrying high voltage electricity, greater than 69kV. The project proposes new 34.5 kV collection lines that would be both overhead and underground. Collection lines would run from turbine to turbine and would tie all of the turbines into the Project substation. A map is provided in (TN# 250101) of the settled areas, parks, recreational areas, and existing transmission lines within one mile of the proposed overhead collector line.	The response is inconsistent with the Project Description (dated July 10, 2023) and inconsistent with the California ISO LGIA and the Appendix A - Q1106 Queue Cluster 8 Phase II Study. Please resubmit response.	The Fountain Wind Substation is sited directly adjacent to the proposed Switching Station and Point of Interconnection, which is accurately referenced in the Project Description and previously provided KMZs. Fountain Wind will finance, design, engineer, procure and construct the required Switching Station, consistent with the LGIA. A 2-mile generation tie-line is NOT required by the Project. It appears the Cluster 8 Phase II Study references a proxy substation location for the Figure 1-2 Drawing. The inconsistency is irrelevant to the results of the study, and the Project Description should be referenced for the accurate location information.						

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TS D-05	Deficiency Letter Matrix	Transmission System Design	Ng Hesters	Appendix B (b) (2) (E)	A completed System Impact Study or signed System Impact Study Agreement with the California Independent System Operator and proof of payment. When not connecting to the California Independent System Operator controlled grid, provide the executed System Impact	Interconnection Memo	No	Provide the California ISO Cluster Studies. Provide the most recent California ISO reassessment documentation. Provide the executed Large Generator or Interconnection Agreement and any subsequent California ISO documentation related to and required for the interconnection of the project. If these documents indicate the project would cause transmission line overloads which	2-Jun and 21-Jun and 31-Jul and 2-Aug	Requested documentation provided (TN# pending as of 29-Jun because of confidentiality)	The information submitted is incomplete. Please provide the entire California ISO Cluster 8 Phase II PG&E North Interconnection Area Study Report including all the appendix and attachments.	See confidential submittal docketed 7/31/2023. TN number not yet posted because of confidentiality.						

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					ce of a System Impact Study or agreement and proof of payment (when applicable) with/to the impacted transmission owner or provide evidence that there are no system impacts requiring mitigation.													
VIS-01	Deficiency Letter Matrix	Visual Resources	Clayton Ker	Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect	TN 248288-4: DEIR Visual Resources Sections 3.2.2.1 Study Area, 3.2.2.2 Environmental Setting, 3.2.4.2	No	<ul style="list-style-type: none"> <li>The current impact analysis addresses the previous project and must be revised to address the</li> </ul>	2-May and 9-Jun and 28-Jul and 2-Aug	The KOPs provide the vehicle by which existing and proposed conditions are representatively discussed in the VIA and EIR. The seven KOP locations were previously identified and selected based on coordination with Shasta County, the lead agency for the Project during development of materials to support the CEQA analysis. Changes will be made to the set of KOPs as follows. Included below are references to: updated viewshed figures, high-resolution JPEG images of existing simulations, and figures showing the comparative effects between the project as	The information submitted is incomplete. The specific information still needed includes the following: <ul style="list-style-type: none"> <li>- Impact analysis that addresses the current project from all final KOPs.</li> <li>- Addition of an augmented KOP</li> </ul>	Please see visual resources addendum (TN# 250566 and 250567).	The information submitted is incomplete. The specific information still needed	Please see updated visual resources report (TN# 251199), which is intended to replace the previous submittal. New simulations (KOPs 6 and 7 existing + proposed) and revised simulations (KOP 2, KOP 4b, and KOP 5b) have been submitted via				

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					t 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	Direct and Indirect Effects of the Project, and 3.2.5 Cumulative Impacts TN 248320-10: Shadow Flicker Rev. 2 TN 248320-13: Visual Resources Technical Report Rev. 2, Sections 2.2 Setting, 4.0 Affected Environment, 5.0 Results and Discussion, and 5.4 Potential Mitigation TN 248330-2: Project Refinement Memo, Section 2.6 Visual Resources and 3.0 Conclusions		currently proposed project. • The selected seven KOPs are inadequate to support the present analysis and must be revised/augmented. Specifically: o Of the original seven KOPs, only two (KOPs 1 and 2) are close enough to the project such that turbines could be perceived. A better balance of distant and proximal viewing locations needs to be represented in		proposed in the DEIR and as revised and submitted to the Shasta County Board of Supervisors on 9/13/21 (Fig6_fountain_wind_sims_091321 [TN# 249950-3])), all of which were submitted via Kitework on May 2, 2023: - KOP 1: Remove from set. - KOP 2: Retain. Please see 9/13/21 BOS Fig 6-2D, which indicates that the most proximate / visible turbines remain within the field of view shown here. Please also see high-resolution JPEG of simulation for KOP 2 (KOP2c_FtnWind_BOS_Sept2021-revised). - KOP 3: Supplement. A second simulation will be produced showing the view centered to the east-southeast from KOP 3. 9/13/21 BOS Fig 6-3D indicates that additional turbines would be visible. (See KOP3cFTNWind_BOS-Sept2021-revised) - KOP 4: Add view from closer east-west stretch of SR299, per CEC request. Turbines would be visible in direct views of short duration; show in deference to disclosure. Simulation may also demonstrate extent to which new / expanded roads would be visible. (See KOP4c_FtnWind_BOS-Sept2021-revised) - KOP 5: Retain as representative of viewer experience from Burney. The town of Burney is moderately to heavily forested in its downtown and in areas along / south of SR 299. The northern segment of the town consists mainly of rural residences and small ranches. Where absence of forested areas would allow for unobstructed line-of-sight toward the proposed project, views would appear to represent private residences or otherwise less developed conditions than the community center / gathering place views this KOP was selected to represent. (See KOP5c_FtnWind_BOS-Sept2021-revised) - KOP 6: Retain. Please see high-resolution JPEG (KOP6c_FtnWind_BOS-Sept2021-revised) - KOP 7: Retain. Please see high-resolution JPEG (KOP7c_FtnWind_BOS-Sept2021-revised)  Full-page, color photographs of the existing views and visual simulations (as included in the DEIR and provided as supplement to the Shasta County Board of Supervisors in	analysis and additional simulation for the expanded KOP 3 frame of view. - Replacement of KOP 4 with a new location with analysis and simulation. - Findings of additional field review to determine feasibility of a second KOP (5b for residential area) in the community of Burney. - Narrative description of the location and visibility (or lack thereof) of areas to be subjected to road widening and/or landscape clearing. - Description of night lighting proposed to be used on the site along with any proposed night lighting control measures to be employed to minimize off-site night lighting visual impacts. - Revisions to Table VIS-06 including turbine heights in feet, total height from base to the hub, and the total height from the base to the blade tip. - Submittal of all		d includes the following: • For KOPs 6 (Pit River Overlook) and 7 (Redding), provide the high resolution graphics comparable to what has been submitted for KOPs 2 through 5b. It was not the intent of previous CEC direction to drop KOPs 6 and 7 but to augment them. • For	Kiteworks (TN# 251200). Updated Table VIS-06 includes dimensions for the O&M building and temporary concrete batch plants (TN# 251196).				

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					mitigation.			<p>the selection of KOPs in order to accurately characterize Aesthetics impacts on public views. For example, a portion of the B turbine string is within one mile of SR 299. That segment of SR 299 and may be an appropriate location for a representative KOP if project visibility can be demonstrated.</p> <p>o Under the currently proposed project design, KOP 1 is no</p>		<p>September 2021) were submitted via Kiteworks on May 2, 2023 (See KOP files "EXISTING" and "DEIRproposed").</p> <p>With the exception of the two access points along SR 299, road widening required by the project would be limited to areas within the project footprint and likely not prominently visible from SR 299 or other publicly accessible points due to obstruction from roadside vegetation.</p> <p>The Applicant will coordinate with FAA to establish the type and amount of night lighting required for the Project. This information is not known at present. As agreed in communication with CEC on 4/13/23, the Applicant will provide a reasonable timeline for when CEC would receive final night lighting plans.</p>	images in full-page, high resolution format		each of the KOPs (2 through 7), add a full-page, high-resolution, existing-view image to accompany the provided full-page, high-resolution simulation. •For each KOP view orientation inset map, please indicate (color code) which specific turbines are visible in each of the simulations. •					



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								longer orientated toward the project and must either be reoriented or replaced such that the project is visible in the frame of view. • The visual simulations provided to support the impact analysis are inadequate in terms of quality, content, and format and must be revised and/or o The resolution of the provided images is so low that the turbines described in the					Section 5 of the Addendum describes KOP 4b as viewing from eastbound and SR 299. Please verify if this is a typo and the view is from westbound SR 299. • Section 2.1 states that security lighting at gates would be "...shielded and downward-facing to the extent practicable and					

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								text and captions as being visible are minimally discernible. o In some simulations, the color of the turbines does not appear as bright (white) as one would expect for turbines not being backlit by the sun. This artificially reduces structure visibility. o Full-page, color photographs of the existing views and visual simulations of the proposed project					would be motion-activated where possible." Please clarify the location of the gates (e.g., at the access points along SR 299?), and if the referenced gates are, in fact, at SR 299, please elaborate the extent to which this lighting would be visible to travelers on SR 299					

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								at life-size scale (when the picture is held 10 inches from the viewer's eyes) have not been provided as required in the Siting Regulations Appendix B (g) (6) (F) and must be submitted. • The DEIR acknowledges that vegetation on cleared corridors may be detectable in long distance views and states that minimal visual contrast would result.					and what mitigation control measures would be implemented. • The last paragraph in the discussion of KOP 4b states that "Any night lighting would be highly visible from this location." It also states "Road side vegetation would partially or completely block visibility of light from adja					

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								However, there is no analysis or simulations to support this conclusion. Therefore, an evaluation of the considerable vegetation clearance that is proposed for the Overhead Collector Corridors and for Road Widening shall be provided. If any in-line views of a cleared linear corridor are visible from a public vantage point, a representative KOP shall be					nt segments." Please clarify the source(s) of the referenced light and identify the proposed control measures.					

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								mitigation measures need to be identified where night lighting has the potential to be viewed by the public. In those cases, a night lighting mitigation plan shall be provided.										
VIS-08	Deficiency Letter Matrix	Visual Resources	Cla yton Kerr	Appendix B (g) (6) (F)	i) Provide: full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project at life-size scale when the	TN 248320-13: Visual Resources Technical Report Rev. 2 TN 248330-2: Project Refinement Memo, Figures 5a, 5b, and 5d through 5g	No	o The visual simulations provided to support the impact analysis are inadequate in terms of quality, content, and format and must be revised and/or replaced to correct the following	2-May and 9-Jun and 28-Jul and 2-Aug	Full-page, color photographs of the existing views and visual simulations (as included in the DEIR and provided as supplement to the Shasta County Board of Supervisors in September 2021) provided via Kiteworks on May 2, 2023.	The information submitted is incomplete. The specific information still needed includes the following: - Full-page, color photographs of the existing views and visual simulations for all new and revised or augmented KOPs including KOP 3 (augmented), KOP 4 (to be replaced), and KOP 5 (if an additional viewpoint is added in Burney).	Please see visual resources addendum (TN# 250566 and 250567).	The information submitted is incomplete. The specific information still needed includes the following: • For KOPs 6 (Pit River Overlook) and 7 (Redding),	Please see updated visual resources report (TN# 251199), which is intended to replace the previous submittal. New simulations (KOPs 6 and 7 existing + proposed) and revised simulations (KOP 2, KOP 4b, and KOP 5b) have been submitted via Kiteworks (TN# 251200). Updated Table VIS-06 includes dimensions for the O&M building and temporary concrete batch plants (TN# 251196).				

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					picture is held 10 inches from the viewer's eyes, including any project-related electrical transmission lines, in the existing setting from each key observation point. If any landscaping is proposed to comply with zoning requirements or to mitigate visual impacts, include the landscaping in simula			inadequacies: The resolution of the provided images is so low that the turbines described in the text and captions as being visible are minimally discernible. In some simulations, the color of the turbines does not appear as bright (white) as one would expect for turbines not being backlit by the sun. This artificially reduces structure visibility. Full-page, color photogr					provide the high resolution graphics comparable to what has been submitted for KOPs 2 through 5b. It was not the intent of previous CEC direction to drop KOPs 6 and 7 but to augment them. • For each of the KOPs (2 through 7), add a full-page, high-resolution, existing-view					

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					tion(s) representing sensitive area views, depicting the landscaping five years after installation; and estimate the expected time until maturity is reached.			aphs of the existing views and visual simulations of the proposed project at life-size scale (when the picture is held 10 inches from the viewer's eyes) have not been provided as required in the Siting Regulations Appendix B (g) (6) (F), and must be submitted.					image to accompany the provided full-page, high-resolution simulation.					
VIS-09	Deficiency Letter Matrix	Visual Resources	Clayton Kerker	Appendix B (g) (1)	An assessment of the visual impacts of the project, including light,	TN 248288-2: DEIR Section 2.4.1, Figure 2-4a: Typical Wind Turbine and Figure 6: Typical	No	* The current impact analysis addresses the previous project and must be revised to address	2-May and 9-Jun and 28-Jul and 2-Aug	See responses to VIS-01.	The information submitted is incomplete. The specific information still needed includes the following: - Impact analysis that addresses the current project from all final KOPs. - Addition of an	Please see visual resources addendum (TN# 250566 and 250567).	The information submitted is incomplete. The specific information still	Please see updated visual resources report (TN# 251199), which is intended to replace the previous submittal. New simulations (KOPs 6 and 7 existing + proposed) and revised simulations (KOP 2, KOP 4b, and KOP 5b) have				



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					glare, and any modeling of visible plumes. Include a description of the method and identify any computer model used to assess the impacts. Provide an estimate of the expected frequency and dimensions (height, length, and width) of the visible cooling tower and/or exhaust stack	Overhead Collector Line Pole TN 248288-4: DEIR Visual Resources Sections 3.2.2 Setting and 3.2.4 Direct and Indirect Effects TN 248297-2: CEQA Initial Study, Figure 6: Typical Overhead Collector Line Pole TN 248320-13: Visual Resources Technical Report Rev. 2 TN 248322: Executive Summary and Project Description, Sections 3.1 Wind Turbine Generators; 4.1.2 Overhead Collector System; 4.2 Substation,		the currently proposed project. * The selected seven KOPs are inadequate to support the present analysis and must be revised/augmented. Specifically: - Of the original seven KOPs, only two (KOPs 1 and 2) are close enough to the project such that turbines could be perceived. A better balance of distant and proximal viewing locations needs to be represe			augmented KOP analysis and additional simulation for the expanded KOP 3 frame of view. - Replacement of KOP 4 with a new location with analysis and simulation. - Findings of additional field review to determine feasibility of a second KOP (5b for residential area) in the community of Burney. - Narrative description of the location and visibility (or lack there of) of areas to be subjected to road widening and/or landscape clearing. - Description of night lighting proposed to be used on the site along with any proposed night lighting control measures to be employed to minimize off-site night lighting visual impacts. - Revisions to Table VIS-06 including turbine heights in feet, total height from base to the hub, and the total height from the base to the blade tip.		needed includes the following: • For KOPs 6 (Pit River Overlook) and 7 (Redding), provide the high resolution graphics comparable to what has been submitted for KOPs 2 through 5b. It was not the intent of previous CEC direction to drop KOPs 6 and 7 but to augment them.	been submitted via Kiteworks (TN# 251200). Updated Table VIS-06 includes dimensions for the O&M building and temporary concrete batch plants (TN# 251196).				

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					plumes. Provide the supporting assumptions, meteorological data, operating parameters, and calculations used.	Switching Station, and Interconnection Facilities; 4.3.1 Access Roads; 4.3.3 O&M Facility; and 4.3.4 Meteorological Equipment TN 248330-2: Project Refinement Memo, Section 2.6 Visual Resources and Section 3.0 Conclusions		<p>nted in the selection of KOPs in order to accurately characterize Visual Resources impacts on public views. For example, a portion of the B turbine string is within one mile of SR 299. That segment of SR 299 and may be an appropriate location for a representative KOP if project visibility can be demonstrated.</p> <p>- Under the currently proposed project design,</p>			- Submittal of all images in full-page, high resolution format		<p>• For each of the KOPs (2 through 7), add a full-page, high-resolution, existing-view image to accompany the provided full-page, high-resolution simulation.</p> <p>•For each KOP view orientation inset map, please indicate (color code) which specific turbines are visible in each of the simulations.</p>					

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								KOP 1 is no longer orientated toward the project and must either be re-oriented or replaced such that the project is visible in the frame of view. * The visual simulations provided to support the impact analysis are inadequate in terms of quality, content, and format and must be revised and/or replaced to correct the following inadequacies:					<ul style="list-style-type: none"><li>• Section n 5 of the Addendum describes KOP 4b as viewing from eastbound SR 299. Please verify if this is a typo and the view is from westbound SR 299.</li><li>• Section n 2.1 states that security lighting at gates would be "...shielded and downward-facing to the extent practi</li></ul>					

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								<ul style="list-style-type: none"> <li>- The resolution of the provided images is so low that the turbines described in the text and captions as being visible are minimally discernible.</li> <li>- In some simulations, the color of the turbines does not appear as bright (white) as one would expect for turbines not being backlit by the sun. This artificially reduces structure visibility.</li> <li>- Full-page, color photographs of</li> </ul>					<i>cable and would be motion-activated where possible.</i> Please clarify the location of the gates (e.g., at the access points along SR 299?), and if the referenced gates are, in fact, at SR 299, please elaborate the extent to which this lighting					

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								<p>the existing views and visual simulations of the proposed project at life-size scale (when the picture is held 10 inches from the viewer's eyes) have not been provided as required in the Siting Regulations Appendix B (g) (6) (F) and must be submitted.</p> <p>* The DEIR acknowledges that vegetation-cleared corridors may be detectable in long-</p>					<p>would be visible to travelers on SR 299 and what mitigation control measures would be implemented.</p> <p>• The last paragraph in the discussion of KOP 4b states that "Any night lighting would be highly visible from this location." It</p>					

Dat a Req ues t Ide ntifi er	Req ues t Sou rce	Topic	Rev iew er	Sitin g Reg ulati ons	Infor matio n	Opt-In Page Number And Section Number	Origi nal Deter mina tion of Adeq uacy	Informa tion Require d To Make OPT Confor m With Regulat ions	Res pon se Dat e	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2	CEC Dispo sition No. 2	Applicant Response No. 3	CEC Dispo sition No. 3	Appli cant Resp onse No. 4	CEC Disp ositi on No. 4	Appli cant Res ponse No. 5
								distance views and states that minimal visual contrast would result. However, there is no analysis or simulations to support this conclusion. Therefore, an evaluation of the considerable vegetation on clearance that is proposed for the Overhead Collector Corridors and for Road Widening shall be provided . If any in-line views of a cleared linear corridor					also states "Road side vegetation would partially or completely block visibility of light from adjacent segments." Please clarify the source (s) of the referenced light and identify the proposed control measures.					

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								project boundary must be described and mapped. Further, lighting mitigation measures need to be identified where night lighting has the potential to be viewed by the public. In those cases, a night lighting mitigation plan shall be provided.										
WILDFIRE-02	Deficiency Letter Attachment B	Wildfire	Not specified	Not specified	DEIR Section 3.16.3.1 b) indicates "the Project is not intended for and would not be used for human occup	Not specified	No	Provide a discussion on the potential for Project construction and operation to increase risks associated with wildfires to	25-May and 29-Jun and 28-Jul and 2-Aug	The Shasta County DEIR and specialist opinion concluded that there was low risk of wildfire ignition resulting from Project construction. Nevertheless, the Applicant plans to undertake fire prevention practices during construction, such as preparation of a project-specific Fire Prevention Plan (MM 3.16-2a), which mitigates risks to onsite workers and impacts of loss related to wildfire. The FPP will detail the standard fire prevention techniques will be observed during construction, including a prohibition on hot work during high fire risk weather. For details see Wildfire Effects Review memorandum (TN#248297-3).	The information submitted is incomplete.  MM 3.16-2a requires and provides details for the Fire Prevention Plan to apply during construction, operation, and maintenance, however most of the details apply prevention of wildfire and to the construction	In the event of a wildfire onsite or near the project site, workers have the potential to be directly impacted. The most common wildfire-related health effect is smoke inhalation. According to the National Institute for Occupational Safety and Health, health effects known or suspected to be caused by exposure to wildfire smoke include:  - Symptoms such as eye irritation, sore throat, wheeze, and cough, - Asthma and chronic obstructive pulmonary disease (COPD) exacerbations, - Bronchitis and pneumonia, - Adverse birth outcomes, and	The response is insufficient. It does not address CEC Disposition 1 regarding additional detail	Based on clarification received from CEC staff on 7/20/2023, the Applicant understands that the CEC Disposition 2 requests additional detail for MM-3.16-2a regarding fire prevention practices and procedures during project operation. MM-3.16-2a correctly references that the Applicant will				



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					ation; therefore, no occupants would be exposed to increased risks associated with wildfire”, however there will be up to 400 workers onsite during construction and up to 12 full-time employees onsite during operation.			workers, including impacts of loss, injury or death from a wildfire or adverse effects due to inhalation of wildfire pollutants.			<p>phase. Insufficient detail is included in familiarity/training of operational and maintenance workers with the FPP, many of the listed fire prevention details are only specifically called out for operation, especially those related to vehicles and fire suppression equipment and red flag warnings, but should also occur during operation and/or maintenance.</p> <p>The information submitted does not address the comment regarding wildfire hazards to workers nor adverse effects of inhalation of wildfire pollutants on workers.</p>	<p>- Cardiovascular (heart and blood vessel) outcomes.</p> <p>The Applicant will ensure that workers are protected from wildfire smoke by adhering to CCR Title 8 SS 5141.1 and other standard safety practices outlined in the FPP or other operations-phase fire safety plan. In the event of an onsite wildfire during construction or operations, all workers would be promptly evacuated, thereby minimizing their exposure to wildfire pollutants. In the event of an offsite wildfire during construction or operations, onsite air quality will be monitored by a designated site supervisor. In the event the PM2.5 Air Quality Index rises to 151 or greater as measured by a standard source (e.g., EPA, CARB), workers will be instructed to remain inside vehicles or indoor facilities, or will relocate to an offsite area, where the air quality index is at a healthy level. In addition, the following standard safety practices would be implemented:</p> <p>- Relocating or rescheduling work tasks to smoke-free or less smoky areas or times of the day; - Reducing levels of physical activity when possible, especially strenuous and heavy work; and - Requiring workers to take frequent breaks in places that are free from smoke.</p>	for MM 3.16-2a for fire prevention practices and procedures during project construction.	develop a Fire Prevention Plan that will be implemented during construction, operation, and decommissioning. The measures that the Fire Prevention Plan shall include focus on mitigating wildfire risk based on specific activities that contribute to potential ignition source, many of which more commonly occur during construction. However some of these activities may also occur during the operations and decommissioning phases of the Project. Therefore, the Fire Prevention Plan and required measures are designed around activities, not project phase. As described in 3.16-2a, examples of fire prevention measures that may be applicable during operational activities include, but are not limited to: • The Project applicant shall designate primary and alternate Fire Coordinators, responsible for ensuring operations and maintenance crews (including contractors) have sufficient fire suppression equipment,				

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														<p>communication equipment, shall lead and coordinate fire patrols, ensure the required clearances are followed onsite, and ensure that all crew members receive training on the FPP and its components.</p> <ul style="list-style-type: none"> <li>• Operations vehicles and equipment will be visually inspected for potential sparking risks prior to operation of the vehicle.</li> <li>• Operations staff and/or contractors will have water tanks, water trucks, or portable water backpacks sited/available on the Project for fire protection.</li> <li>• All operations crews will have radio and/or cellular access that is operational within the Project Site to allow communications with other operations crews and the O&amp;M office. All fires shall be reported immediately upon detection.</li> <li>• Internal combustion engines, stationary and mobile, will be equipped with spark arresters in good working order.</li> <li>• Light operations trucks and cars with</li> </ul>				

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														factory-installed mufflers will be used only on roads where the roadway is cleared of vegetation. • Equipment parking areas and small stationary engine sites will be cleared of all extraneous flammable material. • A fire conditions monitoring program will be implemented to monitor meteorological data during operations. • A monitoring and inspection protocol for turbines and electrical infrastructure will be implemented during operations. • Prohibition on smoking in wildland areas, with smoking limited to paved areas or areas cleared of all vegetation. • Each operations vehicle will be equipped with a fire extinguisher sufficient to extinguish small fires.				
MO R-029	Deficiency Letter Matrix	Mandatory Opt-in Requirements	Vahidi Allen Inouye Kaur Hughes	Cal. Code Regs., tit. 2, § 1877(f)	Identify preliminary information demonstrating overall net positive	TN 248292-2: Economic and Public Revenue Impact Study; pg. 4 TN 248322: Pg. X and Xi Section:	No	See item <i>Cal. Code Regs., tit. 20 § 1879(a)(7)</i> ; <i>Pub. Resources Code § 25545.9</i> , below.	25-May and 3-Jul and 2-Aug	Please see updated Economic Impact Assessment (TN# 250344).	TN 250344 (Fountain Wind Project Economic and Public Revenue Impact Study) is responsive, but insufficient for my analysis purposes. The analysis in the memo is based on a number of	See response to SOC-008.	See final response memo (TN# 251462).					

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					economic benefit to the local government that would have had permitting authority over the site and related facility, consistent with Public Resources Code section 25545.9. Staff must provide the submitted information to the local government for review and comment.	1.3 & 1.3.1.1 of Executive Summary and Project Description TN 248292-3: Local Economics Memo TN 248321: Crosswalk Matrix pg. 43 (e)					turbines that may not reflect the correct Project description. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). The specific information still needed includes the following: i Accurate number of turbines that will be included in the Project.							
MO R-030	Deficiency Lett	Mandatory Opt-in Requi	Vahidi Allen	Cal. Code Reg	(a) economic benefit	TN 248292-2: Economic and Public	No	<u>Economic Characteristics.</u>	25-May and	Please see updated Economic Impact Assessment (TN# 250344).	TN 250344 (Fountain Wind Project Economic and Public	See response to SOC-013.	See final response					

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	er Matrix	rements	Inouye Kaufman Ker Hughes	s., tit. 20 § 187 9(a)(7); Pub. Resources Code § 255 45.9	s may include, but are not limited to the following: Employment growth. Housing development. Infrastructure and environmental improvements. Assistance to public schools and education. Assistance to public safety agencies and departments. Property taxes and sales and use tax	Revenue Impact Study; pg. 4 TN 248322: Pg. X and Xi Section: 1.3 & 1.3.1.1 of Executive Summary and Project Description TN 248292-3: Local Economic s Memo		Page 4 of the Economic and Public Revenue Impact Study (TN# 248292-2) states, <i>60M in property tax revenue is estimated to be generated over the lifetime of the Project, accruing to Shasta County, Cities, Special Districts, Redevelopment Property Tax Agencies, the Educational Revenue Augmentation Fund, and Schools. Under current tax allocation</i>	30-Jun and 2-Aug		Revenue Impact Study) is responsive, but insufficient for my analysis purposes. See above disposition response for MOR-029.		memo (TN# 25146 2).					

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								le local agencies with taxing powers and their most recent and projected revenue s. Please provide the following: 1. Provide a discussion of economic base, fiscal resources. Please provide a list of the applicable local agencies with taxing powers and their most recent and projected revenue s.										
ALT-01	Deficiency Lett	Alternatives	Vahidinoye	Appendix B (b)	A description of how	TN 248288: DEIR Descriptio	No	Please discuss how the project	6/8/2023 and	See TN 250551	Preliminary disposition:TN 248322 is not an adequate	Please see alternatives response memo (TN# 250551).	As requested in TN	Large Generator Interconnection Agreement and other CAISO	As noted in CEC	See final response		

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	er Matrix		Kerr	(1) (D)	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.	n of Project and Alternatives; pages 2-1 to 2-40		location was selected as the proposed site, and what factors were used to screen alternatives (i.e., site suitability, location of sensitive resources, jurisdictional boundaries, etc.) The 2020 DEIR does not disclose the process used to identify and select the project location as the proposed site for analysis. This site selection criteria is necessary to	21-Jun and 5-Jul and 2-Aug		response to the required siting regulation.  TN 248322 (Executive Summary and Project Description), Section 1.2.1 (Site Selection), only provides general broad statements for why the site is deemed reasonable for proposed project implementation. There are no specific technical siting factors provided (e.g., site suitability [acreage, proximity to load centers, gen-tie distance to transmission grid, topography, availability of water supply]; details on high wind potential to maximize operational efficiency; economic viability; availability of infrastructure; ability to achieve policy consistency; other plans or regulatory limitations; ability to reasonably acquire or control the project site). As stated in the Warren-Alquist		248742 (Deficiency Letter) and Data Request Identifier TSD-05 below, Transmission System Design, Siting Regulations Appendix B (b)(2)(E), please “provide the executed Large Generator Interconnection Agreement and any subsequent California ISO documentation relate	documents were provided on 21-Jun. TN numbers are not available because they have not yet been posted because of confidentiality.	Disposition No.1 for Data Request Identifier PO-018, there are multiple inconsistencies in the LGIA and associated documents provided. The Applicant still needs to provide clarification for why the proposed site was selected as it relates to generation need	memo (TN# 2514 62).		



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							screen the alternatives for site suitability.  5/26/2023 TN 248322 is not an adequate response to the required siting regulation.  TN 248322 (Executive Summary and Project Description), Section 1.2.1 (Site Selection), only provides general broad statements for why the site is deemed reasonable for proposed project implementation. There are no				Act Siting Regulation 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 1.2 does not provide the information required in Siting Regulations Appendix B (b)(1)(D). The Applicant needs to provide the specific steps it took to select the proposed project site and the factors that make the site suitable for siting all of the components needed to generate the proposed megawatt output.  Note that detailed information on how the Applicant went about their site selection for		d to and required for the interconnection of the project.” The Large Generator Interconnection Agreement and subsequent California ISO interconnection documentation is necessary for developing “a range of reasonable alternatives to the project , or to the location of the project ,		within the proposed area of the transmission system.			

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								specific technical siting factors provided (e.g., site suitability [acreage, proximity to load centers, gen-tie distance to transmission grid, topography, availability of water supply]; details on high wind potential to maximize operational efficiency; economic viability; availability of infrastructure; ability to achieve policy consistency; other plans or regulatory			their proposed project is crucial to the determination of project alternatives. The technical factors used in selection of a feasible site upon which the project would be located and well-defined/distinct Applicant objectives will be the same factors used to help develop CEQA alternatives (i.e., project site, reduced project, technology alternatives).		which would feasibly attain most of the basic objectives of the project " as required by CEQA Guidelines Section 15126.65(a), including the Applicant project objective of interconnecting to the northern California electrical grid NP15 as stated in TN 24828-2.					

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								es will be the same factors used to help develop CEQA alternatives (i.e., project site, reduced project, technology alternatives).										
ALT-03	Deficiency Letter Matrix	Alternatives	Vahidi Inouye Kerr	Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in (f)(1).	TN 248288: DEIR Comparison of Alternatives; Section 4.2; page 4-2 to 4-7	No	Please include the No Project Alternative in the Comparative Analysis of Alternatives. CEQA Guidelines Section 15126.6 (e)(2) explains that the No Project Alternative must discuss two scenarios: (1) the existing conditions at the time that the NOP	2-Aug	See final response memo (TN# 251462).								

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								of each alternative for each resource area.										
ALT 2-01	Attachment B Addendum	Alternatives	Not specified	Not specified	1. Please provide a feasible alternative site for the development of a large wind energy system (outside of unincorporated Shasta County) that meets the basic project objectives, and include the following information: a. A map illustrating the alterna	Not specified	No	Not specified	2-Aug	See final response memo (TN# 251462).								

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					meets the project objectives; and e. Any other additional infrastructure and facilities that would be needed to support the development of a large wind energy system and its connection to the energy grid.													
ALT 2-02	Attachment B Addendum	Alternatives	Not specified	Not specified	Please provide an alternative that considers the development of multiple small wind energy systems	Not specified	No	Not specified	2-Aug	See final response memo (TN# 251462).								

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					project objectives in lieu of one large wind energy project.													
ALT 2-03	Attachment B Addendum	Alternatives	Not specified	Not specified	Please provide the following for the No Project Alternative scenarios: a. An updated discussion of existing conditions that addresses County Ordinance No. SCC 2022-04 which prohibits large-scale wind generation development	Not specified	No	Not specified	2-Aug	See final response memo (TN# 251462).								

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					ation; and c. Reasonably foreseeable proposed projects or activities that will assist California in meeting the SB 100 renewable energy generation targets.													
LU-002	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	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	TN 248288: DEIR Description of Project and Alternatives; Section 2.2; pages 2-3 to 2-5 TN 248288: DEIR Intro to Environmental Analysis; Section 3.1.4.10 (Land Use and	No	Please update the Land Use and Zoning Designation figures. The DEIR Project Description (TN 248288) includes a figure of the general plan land use and zoning designat	1-Jun and 22-Jun and 30-Jun and 6-Jul and 21-Jul and 2-Aug	Figure provided (TN# 250283). Existing land uses within one mile of the project site include public land, managed forest land, and rural residential uses.	The information submitted is incomplete. TN 250283 (LU-02_LandUse) and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulations Appendix B (g)(3)(A) and Appendix B (g)(3)(A)(i).  The specific information still needed is: --The Project Site Boundary (i.e., the boundary that	See revised figure LU-002 (TN# 250712). The Project Site Boundary includes all project features and all areas in which ground disturbing activities could potentially occur, and the associated construction and maintenance corridors. Appendix B does not require an applicant to provide the total numbers of existing residences but the Applicant nonetheless estimates that there are approximately 50 rooftops that may be houses in the second home community of Moose Camp, and an additional 15 or so scattered throughout the 1-mile buffer.	Please provide the geospatial data layers (i.e., shapefiles or Project geodatabase) associated with the Project Site Boundary	Revised Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrate that no Project access roads, or any other Project component, will encroach into National Forest lands.	The Project Site Boundary shapefiles provided in TN 250835 show inconsistency with assumptions of temporary and permanent	The linework at three locations was adjusted to avoid overlapping linework with non-participating parcels. Of the three areas noted	Excision of project impacts to accommodate buffers or project areas that encroach onto non-participating	See final response memo (TN # 251462).

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					ed site and within one-quarter mile of any project - related linear facilities. Include:	Planning); page 3.1-19 TN 248322: Executive Summary and Project Description; Section 2.3; pages 1 to 2		ions for the proposed 2019 project area. This figure will need to be updated to reflect the 2023 proposed project configuration and layout. Please provide information on existing land uses within one mile of the project. Neither the DEIR Land Use and Plannin g analysis (TN 248288) nor the 2023 Executive Summary and Project Description (TN 248322)			encompasses all project activities). --The 1-mile buffer from the specific proposed Project Site Boundary, as required by the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A). The “buffer” illustrated in TN 250283 is not accurately shown as extending 1-mile from the project boundary. Note that a “project area” is not a specific project site boundary. The Applicant needs to provide the specific boundary upon which the Project would be sited to allow for CEQA impact analysis. --The location of zoning designations that are identified in the figure legend for TN 250283 (i.e., Rural Residential is shown in the legend but is missing on the figure). --Per the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A)(i), a discussion of existing physical land uses within			(including all project features and all areas in which ground disturbing activities could potentially occur, and the associated construction and maintenance corridors depicted on revised Figure LU-002 (TN 250712)). In TN 250712, Lassen National Forest is shown as		impacts along the access roads, collection lines, and turbine sites. In several locations where the Project would be located adjacent to parcels that are not included in the Applicant's lease, the Project Site Boundary data in TN 250835 removes the buffer around	, two (Parcel 027160022000 and the Lassen National Forest Boundary) are very small areas (<.01 acres and <.06 acres, respectively) where temporary clearing impacts may have happened, but can be excised to avoid the parcels without altering the	parcels or adjustments to the rights-of-way during field work do not take away the potential for actual impacts that could occur to such land uses and the need to disclose such impacts in the CEQA document. At this point, since the Appli	

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								include a description of land uses (residential, recreational, commercial, industrial) within one mile of the project site.			the Project Site Boundary and 1-mile buffer area that include “ <i>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.</i> ” This discussion must include a description of the total numbers and locations of any existing residences; recreation facilities such as parks & trails; schools; commercial/retail sites; industrial uses or other land uses. Note that land use designations (i.e., general plan and zoning) are not the same as existing physical land uses currently occurring on the project site.			PUB designation. However, underneath the PUB area delineated the Lassen National Forest boundary still shows Project access roads as traversing National Forest System lands. Please correct the jurisdictional boundary discrepancy for Lassen National Forest			d the site of ground disturbing activities and reduces or removes the projected acreage of temporary or permanent impact. These inconsistencies were noted along Parcel I 0292 1001 1000, Parcel I 0271 6002 2000, and along the boundary of Lassen National Fores	preliminary design so are not included in impact calculations. In the third location, the collector line right of way linework was adjusted so it does not overlap with the linework for Parcel I 0292 1001 1000, an overlap of approximately 0.6 acres. The	cant has not provided specificity or clarification of these items, in order for Staff to be able to conduct our analysis, please provide information on how the required 1-mile buffer would be accommodated or, at a minimum, provide worst-case scen	

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													that remains evident in TN 250712 revised Figure LU-002 to show accurate proposed Project jurisdictional boundaries.		t. The assumptions of temporary impact acreage, permanent impact acreage, and disturbance buffers would be based on the types of construction equipment required to prepare the site for construction and to install the Project. Please provide an explanation	actual location of the project right of way and surveyed Parcel boundary will be determined during final survey and design, and the right of way will be designed to avoid the adjacent parcel. If minor shifting of 0.6 acres of the right of way corridor in	ario assumptions for each of the requested site description items detailed throughout LU-002, LU-003, LU-006, LU2-02, and LU2-04.	

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															of why these assumptions differ along Parcel I 0292 1001 1000, Parcel I 0271 6002 2000, and the boundary of Lassen National Forest.	this location is necessary, it will not substantially change the previously approximated permanent and temporary impacts for the right of way.		
LU-003	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	Appendix B (g)(3)(A)(i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource	TN 248288: DEIR Intro to Environmental Analysis; Section 3.1.4.10 (Land Use and Planning); page 3.1-19 TN 248322: Executive Summary and Project Description; Section 2.3;	No	Please provide information on existing land uses within one mile of the project. Neither the DEIR Land Use and Planning analysis (TN 248288) nor the 2023	1-Jun and 22-Jun and 6-Jul and 21-Jul and 2-Aug	Please see response to LU-002.	The information submitted is incomplete. TN 250283 (LU-02_LandUse) and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulations Appendix B (g)(3)(A) and Appendix B (g)(3)(A)(i). For specific information still needed, see Disposition response for LU-002.	Revised Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrate that no Project component will encroach into National Forest lands.	See CEC Disposition No. 3 for Data Request Identifier LU-002.	See final response memo (TN# 251462).				

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					ce extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	pages 1 to 2		Executive Summary and Project Description (TN 248322) include a description of land uses (residential, recreational, commercial, industrial) within one mile of the project site.										
LU-006	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	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,	TN 248288: DEIR Description of Project and Alternatives; Section 2.2; pages 2-3 to 2-5	No	Please update the Land Use and Zoning Designation figures. The DEIR Project Description (TN 248288) includes figures of the general plan land use and zoning designations for the	1-Jun and 22-Jun and 6-Jul and 21-Jul and 2-Aug	Please see response to LU-002.	<p>The information submitted is incomplete. TN 250283 (LU-02_LandUse), TN 250292 (LU-06_Zoning), and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A)(iv).</p> <p>The specific information still needed is:  --The Project Site Boundary (i.e., the boundary that encompasses all project activities).</p>	Revised Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrate that no Project component will encroach into National Forest lands.	See CEC Disposition No. 3 for Data Request Identifier LU-002.	See final response memo (TN# 251462).				

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					general plan designations, specific plan designations, and zoning have been clearly delineated.			proposed 2020 project area. These figures will need to be updated to reflect the 2023 proposed project configuration.			--The 1-mile buffer from the specific proposed Project Site Boundary, as required by the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A). The “buffer” illustrated in TN 250283 is not accurately shown as extending 1-mile from the project boundary. Note that a “project area” is not a specific project site boundary. The Applicant needs to provide the specific boundary upon which the Project would be sited to allow for CEQA impact analysis. --Jurisdictional boundaries for federal lands. The project would border Lassen National Forest, which is not shown in TN 250283 or TN 250292. Lands administered by the U.S. Bureau of Land Management along Highway 299 are also missing from TN 250283 and TN 250292.							
LU-008	Deficiency	Land Use	Vahidino	Appendix B	A discussion of	TN 248330: Shasta	No	Please revise the list	25-May	A table with APNs within the Project Site is included (TN# 250435). See note on 250435 which states: To our knowledge, all of these	The information submitted is incomplete. TN	The original APN list docketed as TN 250289 was over-inclusive. The revised APN list and maps have been	Thank you for	Lease extension provided (TN# 250984).	CEC Staff has	The Applicant	Note that these	See final res



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	Letter Matrix		uysker	(g)(3)(C)	the legal status of the parcel(s) on which the project is proposed. If the proposed site consists of more than one legal parcel, describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linears	County Use Permit Application; pdf pages 8 to 16 TN 249296-9: Parcel Owners List		of parcels within the project area. The list of parcels within the proposed project area reflects the 2019 proposed project site. The list needs to be	1-Jun 21-Jun 10-Jul 17-Jul 21-Jul 2-Aug	parcels are recognized as legally created parcels under California law. No parcel mergers are anticipated. No structures, except for linear features such as access roads and collection lines, will straddle parcel boundaries.	250289 (LU-008_fwp_response_memo), TN 250435 (LU-008_fwp_parcel_numbers_rev2), and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(C).  The specific information still needed is: --Clarification on the list of parcels that include all parcels upon which project activities would occur and that are within the Applicant's defined project site boundary. The list of parcels docketed in TN 250435 (LU-008_fwp_parcel_numbers_rev2) does not match the list of parcels docketed in TN 250289 (LU-008_fwp_response_memo). The more recent docket filing (TN 250435) does not identify any of the changes to the list of APNs or explain why a revised list of APNs was docketed.	docketed as TN 250435 is the correct list. The list in TN 250289 should be disregarded.  A discussion of the legal status of the parcels was provided as part of TN 250435-and is repeated here: "To Applicant's knowledge, all of these parcels are recognized as legally created parcels under California law. No parcel mergers are anticipated. No structures, except for linear features such as access roads and collection lines, will straddle parcel boundaries." The data request again requests information about parcel mergers. Parcel mergers are only necessary where non-linear facilities (such as the O&M building or a substation) are proposed to straddle parcel lines. Applicant confirms that no non-linear structures are proposed to straddle parcel lines. Wind energy projects, which commonly comprise thousands of acres, are commonly constructed on multiple legal parcels. It would be impractical (and unnecessary) for a utility-scale wind energy project to be constructed on a single legal parcel. No parcel mergers are proposed or required. Site ownership and control has already been disclosed (TN# 248331) and a lease extension has been finalized. An updated memorandum of lease will be provided as soon as it is available. Appendix B does not require the Applicant to provide an analysis of encumbrances or deed restrictions on each parcel. Nonetheless, the Applicant confirms that no encumbrances or deed restrictions preclude construction or operation of the proposed project.	confirming that the corrected list of parcels is provided in TN 250435, and that TN 250289 should be disregarded.  The information submitted is incomplete. The specific information still needed is the following: - Please provide documentation of the lease extens		reviewed TN 250984 (Amendment to Amended, Restated, and Combined Option for Wind Energy Lease). Part 3 (Option Term) of the Amendment states, "The initial term of the Option shall be and remain in effect for eight (8) years after the Effective Date of this	entered into the original Option to Lease in 2012. A redacted copy is docketed as TN #250984. Included as Exhibit B to this Option is a Renewable Energy Lease Agreement, which lease will become effective upon exercise of the option. Paragraph 1.5 of the	portions of the lease have been redacted in the Applicant's docketed TN #250984. Therefore, Staff cannot review these portions referenced in the docketed file to confirm this information. Please enter the requested information into the docket in some forma	ponse memo (TN # 251462).



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											--A revised discussion of the legal status of the parcels on which the project is proposed. As required by the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(C), <i>"If the proposed site consists of more than one legal parcel, describe the method and timetable for merging or otherwise combining those parcels so that the proposed project, excluding linears and temporary laydown or staging area, will be located on a single legal parcel."</i> The proposed project includes non-linear and permanent infrastructure such as turbines, meteorological and microwave towers, O&M Facilities, Substation/Switchyard sites that would be sited on multiple parcels. Per the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(C), the Applicant must provide the		ion for each parcel upon which the Project would be sited as proof of site control .  As mentioned in the prior disposition response, "Although parcel mergers are not at the crux of this issue, parcel legality and site control are important. The legal status of each parcel upon which		Option Agreement, unless earlier terminated or extended in accordance with the provisions herein ("Optional Term"). The Parties agree that this updated Initial Option Term unites each of the prior Initial Option Terms pertaining to the Property that exist within the	Lease Agreement calls for a term until May 1, 2047, a term of 35 years from the date of the original option agreement. The ability to exercise the option has been extended to 2029. See TN# 2509 84. The Applicant expects the landowner will extend the lease term to	t so that Staff can reference it in our analyses and for the public to be able to review this information.	

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											method and timetable for merging or otherwise combining those parcels so that they are located on a single legal parcel. Although parcel mergers are not at the crux of this issue, parcel legality and site control are important. The legal status of each parcel upon which the Project would be sited is important and the Applicant needs to disclose parcel ownership status, if the parcels will be purchased or leased, and if there are any encumbrances or deed restrictions associated with each parcel upon which the project would be sited.		the Project would be sited is important and the Applicant needs to disclose parcel ownership status, if the parcels will be purchased or leased, and if there are any encumbrances or deed restrictions associated with each parcel upon which the project would be sited."		Prior Existing Property Options to be updated to run for up to such eight (8) additional years, in accordance with this Section 3, from the Effective Date of this Option Agreement. " As the "Effective Date of the Option Agreement" is April 4, 2016, the	allow a full 35 years of operations once the CEC approves the project.		

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															initial term of the Option would remain in effect until April 4, 2024. Even with the option of lease renewal for an additional 8 years after 2024 (i.e., lease expiration in 2032) , TN 2509 84 does not provide proof of site control through the Project's 35-year operation			

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															period . Please provide proof of site control for each parcel upon which the Project would be sited throughout the proposed 35-year operation period .			
LU-010	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	Appendix B (g) (3) (D) (i)	Crop types, irrigation systems, and any special cultivation practices;	TN 248288: DEIR Description of Project and Alternatives; Section 3.1.4.1; page 3.1-12	No	Please provide descriptions of agricultural activities . More information is needed to describe the 110-acre area of designated Prime Farmland	1-Jun and 22-Jun and 30-Jun and 6-Jul and 21-Jul and 2-Aug	See response to LU-009.	The information submitted is incomplete. TN 250291 (LU-09_AgriculturalResource) and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(D), Appendix B (g)(3)(D)(i), and Appendix B (g)(3)(D)(iii). For specific	There are no irrigation systems located within the project site boundaries or on the 110-acre inholding parcel. No "special cultivation practices" are carried out within the project site boundaries or within the parcel in question. As confirmed by field surveys in 2018, 2019, and 2021, the parcel in question is, in fact, a meadow which is occasionally harvested for hay. Though it is classified as Prime Farmland, it is not used for crops and is not irrigated. The project will have no impact on this parcel.  To the extent that trees harvested for lumber are a "crop," the only crop grown within the project site boundary are trees. The activities carried out within the project site boundaries	The information submitted is incomplete. The specific information still needed is: - In TN 250705 the Applicant	The parcel in question is not part of the Project. Agricultural uses of the parcel -- to the extent they exist-- will not be impacted, directly or indirectly, by Project construction or operation. The inholding parcel is privately owned and not under lease to the Applicant and the Applicant's consultants do not have permission to enter the property. General observations about	CEC Staff has reviewed the Rare Plant and Vegetation Mapping surveys from 2018, 2019, and 2021 (TN	See Applicant Response No. 3; the inholding parcel is privately owned and not under lease to the Applicant	Please note again that the site observations referenced in TN 250705 (i.e., the Rare Plant Surveys	See final response memo (TN # 251462 ).

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								approximately 0.25 mile southeast of a proposed turbine, and the historic and current agricultural activities occurring in this area. Specifically, the DEIR Agricultural analysis must describe the farming activities (crop type, irrigation systems, any special cultivation practices) for the 110-acre agricultural site.			information still needed, see Disposition response for LU-009.	consist on on-going timber harvest operations. As stated in the existing setting of the Biological Resources Section of the Shasta County EIR: "The dominant vegetation community is Sierran mixed conifer forest; however, the structure and species composition of this community varies greatly with slope, aspect, elevation, and disturbance (e.g., fire and forest management). Dominant overstory species include a combination of white fir (Abies concolor), Douglas fir (Pseudotsuga menziesii), incense cedar (Calocedrus decurrens), ponderosa pine (Pinus ponderosa), sugar pine (P. lambertiana), and California black oak (Quercus kelloggii)." Further, lumbering operations are only considered to be "agricultural" if they are incidental to farming operations. See 29 CFR 780.200. With respect to Forestry impacts, Shasta County's EIR (section 3.1.2.4 said: . "Existing land uses within the Project Site consist exclusively of managed forest lands. Unpaved logging roads and transmission lines cross the Project Site. Chapter 17.08, Timber Production District, in the Shasta County Zoning Ordinance identifies the uses allowed in the TP district if a use permit is issued, including "the erection, construction or alteration of a gas, electrical, water or communication facility, or other public improvements, in accordance with Government Code §51152." Neither the Project nor alternatives would cause an impact because the uses allowed on the Project Site by the County's General Plan and zoning designation are consistent with the state's definitions of forest land, timberland, and timberland zoned Timber Production. "	states, "There are no irrigation systems located within the project site boundaries or on the 110-acre inholding parcel. No 'special cultivation practices' are carried out within the project site boundaries or within the parcel in question. As confirmed by field surveys in 2018, 2019,	status and uses of the inholding property were made by the Applicant's field personnel in the vegetation surveys taken of surrounding lands in 2018, 2019 and 2021. (See citations to these surveys below.) Based on the most recent FMMP maps, the parcel is designated as Prime Farmland if Irrigated--see SOILS-002 map (TN# 250058). However, because this parcel is not irrigated, it is not considered Prime Farmland. Furthermore, this parcel is not, and has never been, to Applicant's knowledge, cultivated for crops. No evidence of agricultural uses were observed during the Rare Plant and Vegetation Mapping surveys in 2018 (TN #: 248308-7), 2019 (TN#: 248308-8), and 2021 (TN#: 248308-1). But again, the Project would have no impact on such uses if they were to occur.	248308-7, TN 248308-8, and TN 248308-1) for the information referenced in Applicant Response No. 3 on the 110-acre area of designated Prime Farmland. The Rare Plant Survey report does not include the 110-acre area of Prime Farmland and within their survey areas.	and the Applicant's consultants do not have permission to enter the property. The project will not affect the in-holding property's agricultural capacity or potential as no project component is located on this in-holding parcel. These statements are	from 2018, 2019, and 2021) do not include the 110-acre area of Prime Farmland and within their survey areas. None of the survey reports provide any description or site observations of the 110-acre area, and there is no discussion of irrigation, cultivation	

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													and 2021, the parcel in question is, in fact, a meadow which is occasionally harvested for hay. Though it is classified as Prime Farmland and, it is not used for crops and is not irrigated." Please provide citations for where this information was obtained from.		y areas. None of the survey reports provide a description of the 110-acre area, and there is no discussion of irrigation, cultivation practices, or use of the Farmland and for hay production that was described in TN 2507 05. Please provide documentation for the	based on site observations in 2018, 2019 and 2021, which were made from the parcel boundary of the in-holding property.	practices, or use of the Farmland and for hay production that was described in TN 2507 05. Even if the parcel is "not" part of the project, it does not mean it will not be impacted.	

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															following statements from TN 2507 05: (1) "There are no irrigation systems located within the project site boundaries or on the 110-acre inholding parcel." (2) "No 'special cultivation practices' are carried out within the project site boundaries or within the			

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															parcel in question." (3) "...the parcel in question is, in fact, a meadow which is occasionally harvested for hay."			
LU-012	Deficiency Letter Matrix	Land Use	Vahidi Inouye Kerr	"Appendix B (g) (3) (D) (iii)"	Direct, indirect, and cumulative effects on agricultural land uses. If the proposed site or related facilities are subject to an Agricultural Land Conservation contract, provide a	TN 248288: Description of Project and Alternatives; Section 3.1.4.1; page 3.1-12	No	Please provide descriptions of agricultural activities and their locations, and identify whether the 110-acre Prime Farmland site is subject to an Agricultural Land Conservation contract. To identify potential	1-Jun and 22-Jun and 30-Jun and 6-Jul and 21-Jul and 2-Aug	See response to LU-009.	The information submitted is incomplete. TN 250291 (LU-09_AgriculturalResource) and TN 250448 (land_use_fwp_responses) are not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(D), Appendix B (g)(3)(D)(i), and Appendix B (g)(3)(D)(iii). For specific information still needed, see Disposition response for LU-009.  The applicant's response for LU-	The data shown in LU-09_Agricultural Resources (TN# 250291) are taken from the FMMP mapping service (Available at: <a href="https://gis.conservation.ca.gov/portal/home/item.html?id=22da298849d147679551680593b9b035">https://gis.conservation.ca.gov/portal/home/item.html?id=22da298849d147679551680593b9b035</a> ), as noted in the "Notes" section on the figure underneath the north arrow and scale bar. The FMMP dataset date is 2018, which is the latest dataset available on the FMMP website for Shasta County.	The link provided in Applicant Response No. 2 is for the 2020 FMMP File Geodatabase. The 2020 FMMP File Geodatabase does not include data on Land Conse	Data on Prime Farmland comes from the California Department of Conservation California Important Farmland Finder mapping tool, available at: <a href="https://maps.conservation.ca.gov/DLRP/CIFF/">https://maps.conservation.ca.gov/DLRP/CIFF/</a>  Data on Williamson Act participation comes from the California Department of Conservation California Williamson Act Enrollment Finder mapping tool, available at: <a href="https://maps.conservation.ca.gov/dlrp/WilliamsonAct/">https://maps.conservation.ca.gov/dlrp/WilliamsonAct/</a>	See final response memo (TN# 251462).			



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					written copy and a discussion of the status of the expiration or canceling of such contract.			indirect or cumulative impacts to agriculture, the DEIR Agricultural analysis requires more information regarding the type of agricultural activities at the 110-acre Prime Farmland site, and the location of other project disturbance activities (access roads, staging areas) relative to the site. The DEIR Agricultural analysis states that none of the parcels			009 states “Maps produced by the California Resources Agency pursuant to the Farmland Mapping and Monitoring Program show that no land in the Project Site is zoned for agricultural use or subject to a Williamson Act contract.” This statement requires verification. Applicant needs to provide the dates and titles for the maps referenced in its response to LU-009.		rvation Act contracts (i.e., Williamson Act contracts) within Shasta County. Please provide the data used to identify the location of parcels subject to a Land Conservation Act contract (i.e., lands under Williamson Act contract) within Shasta County.					

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								within the proposed project site are subject to a Williams on Act contract. However, the analysis does not identify whether the 110-acre Prime Farmland site that is located 0.25 mile from the nearest turbine is subject to an Agricultural Land Conservation contract.										
LU2-01	Attachment B Addendum	Land Use	Not specified	Not specified	Please provide a updated information for the Cumulative Scenario that includes the followi	Not specified	No	Not specified	1-Jun and 22-Jun and 30-Jun and 6-Jul and 21-Jul and	<p>The Applicant was unable to find information related to data requests (a), (b), or (c) and requested this information in an email to Paul Hellman at the Shasta County Planning Division on April 18, 2023 (TN# 250436). No response was received.</p> <p>The Applicant proposes a Fuel Break Project and Expanded Internet Service Project as part of the Community Benefits Program, not as part of the proposed Project. These actions should not be included in the project description for the Proposed Project or the CEC's discretionary action.</p>	The information submitted is incomplete. It appears that the Applicant is unable to research and obtain this information. TN 250436 (LU2-01_fwp_cumulative_projects_request) and TN 250448 (land_use_fwp_r	The Applicant has requested a list of updated cumulative projects from Shasta County and has received no response. Information listed on the planning page of the Shasta County website provides no information about cumulative projects. The Shasta County General Plan dates from 2004 and contains no information about cumulative projects. No list of pending applications appears to be published on the website. No recently published EIR on the website contains a list of cumulative projects. The Fuel Break and Expanded Internet Service	In TN 250705, the Applicant states, "...it is not known whether these funds will be accept	The information provided about the Community Benefits Program is still valid. However, how and when and where the funds proposed to be given to various community organizations under the Community Benefits Program will be used and for what activities is	Applicant Response No. 3 states that it would be speculative to evaluate the	The applicant will be providing funding, but will not be implementing	Again, Staff needs confirmation as to whether or not the Applicant will	See final response memo (TN # 251462).

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					ng elements to support an adequate discussion of any potentially significant cumulative impacts that may be identified: a. Local and regional planning projections for Shasta County; b. Reasonably foreseeable future development of small wind energy systems as a result				2-Aug		esponses) are not adequate responses to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives, Land Use, and Socioeconomics Data Requests inadvertently left out of deficiency letter for Fountain Wind application). The specific information still needed as specified in Data Requests Set 1: Land Use (TN 248759) includes: (d.) Future applicant activities (i.e., Fuel Break Project and Expanded Internet Service Project) with an updated description of the activity location and size, estimated number and types of construction equipment, and anticipated schedule for construction and maintenance.  The Fuel Break Project and the Expanded Internet Service Project were identified by the	Projects are identified in the Community Benefits Program proposed by the Applicant. The Applicant would provide funding for the projects, but it is not known whether these funds will be accepted nor would the Applicant control the design, permitting, or development process, which would, if these activities occur, be controlled by independent legal entities (Fall River Resource Conservation District and ShastaBeam). No information about the scope of these potential activities is available. The Fuel Break and Expanded Internet Service Projects are not part of the proposed Project and are not necessary for development of the Project.	ed nor would the Applicant control the design, permitting, or development processes, which would, if these activities occur, be controlled by independent legal entities (Fall River Resource Conservation District and ShastaBeam). No information about the scope of these potential activities is	not now known. It would be speculative for the CEC to attempt to analyze the impacts of such potential activities in its EIR.	potential cumulative impacts from the projects described in TN 248296-2 (Community Benefits Program). However, any of the community benefits projects that are likely to be funded following approval of the Proposed Project would be relevant to the cumul	any of the community benefits agreements. Pursuant to Public Resources Code section 25545.10, funding will be provided to third parties who will spend that money on projects or provision of services of their own design, at their discretion for activities such as "park and	implement the Community Benefits Program as part of the Project. Please provide confirmation as to whether, or not, the Program will be undertaken as part of the Project. If so, it will need to be analyzed in the EIR.	

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					of 2022 amendments to the Shasta County Code; c. An updated cumulative projects list that includes planned/proposed or permitted projects since August 2019; and d. Future applicant activities (i.e., Fuel Break Project and Expanded Internet Service Project) with an						Applicant as activities that would be undertaken in TN 248296-2 (Community Benefits Program). This information requested in Item LU2-01 (d) is needed to conduct the CEQA analysis as it is part of the "project" which is defined in CEQA Guidelines Section 15378 as "...the whole of an action, which has a potential for resulting in either a direct physical change in the environment, or a reasonably foreseeable indirect physical change in the environment..."		available. The Fuel Break and Expanded Internet Service Projects are not part of the proposed Project and are not necessary for development of the Project." Based on this response in TN 250705, it appears that the Community Benefits Program information provided in TN		ative scenario. For example, regarding the Fuel Break Project, TN 248296-2 states that the Fall River Resource Conservation District, "...submitted a grant application to the California Department of Forestry and Fire Protection ("CAL FIRE") in May 2021 as part	playground equipment, urban greening, enhanced safety crossings, paving roads and bike paths." At the discretion of the community-based organizations, funds could also be used to deliver community-based services." Ultimate use of the funds and control of the activit		

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					updated description of the activity location and size, estimated number and types of construction equipment, and anticipated schedule for construction and maintenance.								248296-2 (Community Benefits Program) is no longer valid. Please confirm if the Community Benefits Program is no longer applicable to this Project.		of the California Climate Investments Department of Forestry and Fire Protection. This program provides matching funds for fuel break projects which allows the Fall River RCD to double the size, scope, and benefit of the project." Please provide the Fuel Break	ies funded are outside the control of the applicant, are not part of this project, and therefore not appropriately considered in the CEC's CEQA analysis. 25545.10		

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															Project Description that was submitted with the CAL Fire grant application, which is a reasonably foreseeable project to be included in the cumulative scenario. In addition, Staff needs confirmation as to whether or not the Applicant will implement the Community Benef			

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															its Program as part of the Project. If so, then it needs to be analyzed in the EIR. Please provide confirmation as to the applicability of the Program to the Project.			
LU2-02	Attachment B Addendum	Land Use	Not specified	Appendix B (g) (3) (A)	2. Please provide an updated figure that includes the following: a. Current Shasta County General Plan	Not specified	No	Not specified	1-Jun and 21-Jun and 21-Jul and 2-Aug	Figure is updated and included in LU-02.	The information submitted is incomplete. TN 250283 (LU-02_LandUse) and TN 250448 (land_use_fwp_responses) are not adequate responses to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives, Land Use, and Socioeconomics Data Requests inadvertently left out of deficiency	The original APN list docketed as TN 250289 was over-inclusive. The revised APN list and maps have been docketed as TN 250435 is the correct list. The list in TN 250289 should be disregarded.	Thank you for confirming that the corrected list of parcels is provided in TN 250435, and that TN 250289	Revised Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrate that no Project component will encroach into National Forest lands.	See CEC Disposition No. 3 for Data Request Identifier LU-002.	See response to LU-002.	See CEC Disposition No. 4 for Data Request Identifier LU-002.	See final response memo (TN # 251462).

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					Land Use and Zoning Designations (as amended) for the project site; b. The boundaries of the proposed Lease Hold Area; and c. The 2023 proposed project configuration and layout within the site boundaries that identifies the proposed location of the following: turbines, ground and overhead						<p>letter for Fountain Wind application).</p> <p>The specific information still needed to address TN 248759 <b>Data Requests Set 1: Land Use, Data Request #2 (a through c)</b> includes the following:</p> <p>--The Project Site Boundary (i.e., the boundary that encompasses all project activities).</p> <p>--The 1-mile buffer from the specific proposed Project Site Boundary, as required by the Warren-Alquist Act Siting Regulation Appendix B (g)(3)(A). The “buffer” illustrated in TN 250283 is not accurately shown as extending 1-mile from the project boundary. Note that a “project area” is not a specific project site boundary. The Applicant needs to provide the specific site boundary upon which the Project would be sited to allow for CEQA impact analysis.</p> <p>--The location of zoning</p>		<p>should be disregarded.</p> <p>See Disposition 2 for LU-002 regarding discrepancies in the jurisdictional boundary for Lassen National Forest.</p>					



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					collect or lines, access roads, temporary construction laydown areas, proposed operations and maintenance facility, proposed meteorological evaluation towers, storage sheds, temporary concrete batch plants, substation and switch yard, and relay microwave tower.						designations that are identified in the figure legend for TN 250283 (i.e., Rural Residential is shown in the legend but is missing on the figure). --Jurisdictional boundaries for federal lands. The project would border Lassen National Forest, which is not shown in this figure. The figure is also missing lands administered by the U.S. Bureau of Land Management along Highway 299. --Clarification on the list of parcels that include all areas on which project activities would occur. The list of parcels docketed in TN 250435 (LU-008_fwp_parcel_numbers_rev2) does not match the list of parcels docketed in TN 250289 (LU-008_fwp_response_memo). The more recent docket filing (TN 250435) does not identify any of the changes to the list of APNs or explain why a revised list of							

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											APNs was docketed.							
LU2-04	Attachment B Addendum	Land Use	Not specified	Appendix B (g) (3) (D) Appendix B (g) (3) (D) (i) Appendix B (g) (3) (D) (iii)	5. Please provide a list of current existing land uses (residential, recreational, commercial, industrial) within one mile of the project site boundaries. Please include a map illustrating the location of these land uses relative to the proposed project (turbines, ground and overhead	Not specified	No	Not specified	1-Jun and 21-Jun and 21-Jul and 2-Aug	Refer to response for LU-012	The information submitted is incomplete. TN 250291 (LU-09_AgriculturalResource) and the Applicant's May 25th response in the "fountain_wind_data_response_tracker_2023-0531 update" is not an adequate response to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives, Land Use, and Socioeconomics Data Requests inadvertently left out of deficiency letter for Fountain Wind application). For specific information still needed, see Disposition response for LU-009.	See Revised Response to LU-009.	See Disposition 2 for LU-009	Revised Project site boundary provided as a shapefile via Kiteworks (TN# 250835). These shapefiles demonstrate that no Project component will encroach into National Forest lands.	See CEC Disposition No. 3 for Data Request Identifier LU-002.	See response to LU-002.	See CEC Disposition No. 4 for Data Request Identifier LU-002.	See final response memo (TN # 251462).

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					contract status is designated as renewal or non-renewal.													
LU2-05	Attachment B Addendum	Land Use	Not specified	Appendix B (g) (3) (C)	9. Please provide a list of all parcels and their APNs within the current 2023 proposed project site boundary, and a figure that identifies the location of proposed project components relative to each parcel (turbines, ground and overhe	Not specified	No	Not specified	25-May; 1-Jun and 21-Jun and 10-Jul and 21-Jul and 2-Aug	9. A list of project parcels (TN# 250435) and corresponding maps are provided (TN# 250442, 250443, 250444); 10. The memorandum of lease between the Applicant and Oxbow Holdings was provided as part of the original application (TN# 248331). The commercial terms of the lease are confidential. 11. No parcel mergers are proposed. 12. No recorded restrictions exist on the Project site The county-wide ban on commercial scale wind projects passed subsequent to Project's denial.	Items 9-10 listed in the Response column are not sufficient responses. Please provide detailed responses to each specific question posed in the detailed Data Requests provided in TN 248759 (Deficiency Letter, Attachment B Addendum). 6/6/23 Disposition: The information submitted is incomplete. TN 250448 (land_use_fwp_responses) is not an adequate response to TN 248759 (Deficiency Letter, Attachment B Addendum: Alternatives, Land Use, and Socioeconomics Data Requests inadvertently left out of deficiency letter for Fountain	As noted, the project site is privately owned by a timber management company and will be under long term lease to the Applicant. Site ownership and control has already been disclosed (TN# 248331) and a lease extension has been finalized. An updated memorandum of lease will be provided as soon as it is available. Appendix B does not require the Applicant to provide an analysis of encumbrances or deed restrictions on each parcel. Nonetheless, the Applicant confirms that no encumbrances or deed restrictions preclude construction or operation of the proposed project.	See Disposition 2 for LU-008	Lease extension provided (TN# 250984).	See CEC Disposition No. 3 for Data Request Identifier LU-008.	The Applicant entered into the original Option to Lease in 2012. A redacted copy is docketed as TN #250984. Included as Exhibit B to this Option is a Renewable Energy Lease Agreement, which lease	See CEC Disposition No. 4 for Data Request Identifier LU-008.	See final response memo (TN # 251462).

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					ad collect or lines, access roads, temporary construction laydown areas, proposed operations and maintenance facility, proposed meteorological evaluation towers , storage sheds, temporary concrete batch plants, substation and switch yard, and relay micro wave tower). 10. Provid						Wind application).  Regarding the Applicant's response to Item No. 10, according to TN 248331 (Lease with Oxbow Holdings), Item G. 2. Option Terms., "The initial term of the amended restated and combined Option Agreement ("Initial Option Term") shall commence on April 4, 2016 and shall continue for five (5) years, unless earlier terminated under the terms of the Option Agreement. Grantee shall have the right, but not the obligation, to extend the Initial Term for one option extension period of one (1) year ("Option Extension Period"). The Option Extension Period, if any, shall commence no later than the end of the Initial Term." Based on the terms from the lease, it appears that the term expired in April 2022. Please provide any updates to						will become effective upon exercise of the option . Paragraph 1.5 of the Lease Agreement calls for a term until May 1, 2047, a term of 35 years from the date of the original option agreement. The ability to exercise the option has been extended to 2029. See TN#		



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					e the terms of the Wind Energy Lease between the Applicant and property owner (Oxbow Timber I, LLC). 11. Discuss whether any parcel mergers would occur as part of the proposed project. Provide details on what parcels would be included in the merger, and what project						<p>the terms of the lease. This item is important for ensuring site control by the Applicant.</p> <p>Regarding the Applicant's response to Item No. 12, parcel legality and site control are important issues. The legal status of each private parcel upon which the Project would be sited is important and the Applicant needs to disclose parcel ownership status, if the parcels will be purchased or leased, and if there are any encumbrances or deed restrictions associated with each parcel upon which the Project would be sited.</p>					250984. The Applicant expects the landowner will extend the lease term to allow a full 35 years of operations once the CEC approves the project.		

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					on the project site that preclude development, and identify which parcels these restrictions apply to.													
SO C-001	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Ker	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	TN 248292-2: Economic and Public Revenue Impact Study; pages 2-4 and 5) TN 248293-2: CEQA Staff Report; pages 1-3, 8-10 TN 248288-17L: DEIR Utilities and Service Systems; page 12	No	Please provide the cumulative impact assessment for population/housing, recreation, and public services. A discussion of the cumulative impacts for Utilities and Service Systems has been provided. Please provide similar	6/2/2023 and 29-Jun and 3-Jul and 2-Aug	As discussed in Section 3.1.4, Environmental Considerations Unaffected by the Project or Not Present in the Project Area, of the EIR, the project would have no impact on population and housing, public services, or recreation. Where the project would cause no impact to a resource, it would not cause or contribute to any cumulative impact to such resources. Therefore, there would be no cumulative impact to population and housing, public services, or recreation because the Project does not propose to add permanent population; rather, the workers coming into the region for construction will be in the area only temporarily and Project operations will employ up to 12 permanent workers. The Applicant was able to identify a single project subject to CEQA on the Shasta County website (Crystal Creek Aggregate Expansion Project). The Applicant requested additional information from Shasta County in an email to Paul Hellman at the Shasta County Planning Division on April 18, 2023 (TN# 250436). No response was received.	TN 248288-3 (Section 3.1.4 of the EIR, Environmental Considerations Unaffected by the Project or Not Present in the Project Area) is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(1). The DEIR is outdated and based on baseline assumptions to a previous version of the Project. Per the Warren-Alquist Act Siting Regulation Appendix B (g)(1), the Applicant must "...provide a discussion of the existing site conditions, the expected direct,	The Project would have no impact, and therefore no cumulatively considerable impact, on population and housing, public services, or recreation at either the 72-turbine layout or the 48-turbine layout because the individuals who will be working on the project are either already based in Shasta County, or, will be coming into the region for construction and will be in the area only temporarily. The number of construction workers temporarily in the area is not expected to have any significant impact on housing. They will not displace permanent residents and are instead likely to stay in transient housing such as hotels, motels and/or recreational vehicles in campgrounds. These temporary construction workers are not likely to create significant (the threshold under CEQA) new demand for public services in terms of fire, police, or medical services. New permanent employees (up to 10) are also not likely to create a significant new demand for public services. There is also no evidence that baseline socioeconomic conditions related to housing, population and public services have significantly changed since the County prepared its EIR.	In that the CEC is the CEQA lead agency, the response is insufficient for my analysis purposes. The information provided is not an adequate response to the Warren-Alquist Act Siting	■No further attempts were made to reach Paul Hellman. His contact information is Paul Hellman, Director, Shasta County Planning Division, 1855 Placer Street, Suite 103, Redding, California 96001. (530) 225-5532. phellman@co.shasta.ca.us.  ■CEC requests the logic behind the Applicant's conclusion that the project's approximately 200 temporary construction workers will not have a significant impact (cumulative or otherwise) on population and housing, recreation and public safety in Shasta County.	The response is insufficient for my analysis purposes. Public safety services and the related staff (e.g., fire and police personnel), are often needed for responses to event	The Applicant has been unable to provide an updated cumulative projects list because Shasta County hasn't responded to our requests for this information. Therefore,	See final response memo (TN# 251462).	

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					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.			detail for cumulative analysis of other socioeconomic sections (i.e., population/housing, recreation, and public services) based on an up-to-date cumulative scenario.			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.” TN250344 (Socioeconomics response memo) states there will be a peak of 200 workers/month during the construction phase. Activities during this period may change the demands on public services to the area. TN250344 also states, “The portion of the construction and operational workforce which would be nonlocal is unknown at this time and is dependent on the available local workforce at the time of construction and operations.” The specific	The Applicant request that the CEC staff provide evidence that baseline socioeconomic conditions are "outdated" as stated in the data request.  The Applicant's attempts to contact Mr. Hellman were provided as TN# 250436. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.	Regulation Appendix B (g)(1). Applicant Response No. 2 states “These temporary construction workers are not likely to create significant (the threshold under CEQA) new demand for public services in terms of fire, police, or medical services.” Please provide a discussion with includi	Population and Housing: The logic behind the conclusion that approximately 200 temporary construction workers will not have a substantial or even potentially substantial impact or cumulative impact on Shasta County’s population or housing from a physical perspective includes the following: • CEQA requires an analysis of significant impacts to the environment. Section 15382 of the CEQA Guidelines states that “significant effect on the environment” means “a substantial, or potentially substantial adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment.” • Thus, to be cognizable under CEQA, an impact	s such as fires and other emergencies. Even without a direct, significant impact on a specific topic (i.e., public services, recreation, housing), there may be a cumulative impact. If cumulative impacts are to occur from feasible current or future activities in combination with	the Applicant does not have the information related to the construction of future projects that may trigger the need for a new fire station. However, in the original Shasta County EIR, Shasta County planning staff, who would have an understanding of future		

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											information still needed includes the following: - A discussion of the cumulative impacts based on the most up to date assumptions in the current/finalized (i.e, number of turbines, site configuration, site boundary) Project description. - Documentation of follow-up attempts (i.e., attempts to outreach by phone), if any, to reach Paul Hellman of Shasta County Planning. Please provide Mr. Hellman's contact information.		ng the logic supporting the conclusion that these local public safety services would not be affected by the temporary population during construction (up to 200 workers per TN# 250344), including public services such as fire response. Stating that there is no impact, and therefore no cumulative	must be: • Substantial, or potentially substantial • Adverse o Related to physical conditions that affect land, air, water, minerals, flora, fauna, ambient noise and objects of historic or aesthetic significance. • An individual project's contribution to a cumulative impact can be determined to be rendered less than cumulatively considerable "if the project is required to implement or fund its fair share of a mitigation measure or measures designed to alleviate the cumulative impact." CEQA Guidelines 15130(a). Here, the project either does not create any impact with respect to population/housing, recreation and public services, or it will fund mitigation measures that address its contribution to the cumulative impact, as in the case of fire safety, discussed further below. • It is reasonably assumed based on EPS's economics analysis that most of the construction	this project, there may be a need for a new facility to accommodate the county's needs (e.g., a new fire station and/or new sheriff station). To make such a determination, Staff needs to understand the baseline settings and other current or expected	projects in the region, made the conclusion that Project construction would not trigger the need for an additional fire station even at the original, 72-turbine size.		

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													<p>impact does not permit the CEC staff to fulfill its CEQA lead agency obligation to evaluate cumulative impacts. Being able to follow and understand the Applicant's conclusions on this topic is the first step in the CEC's mandated analysis process. Additionally, TN# 250436 shows the</p>	<p>workers that would work on the project already live in the County. Workers already living in the County are part the baseline population.</p> <ul style="list-style-type: none"> <li>For those workers temporarily commuting into the County, the Applicant's reasonable assumption is that these workers will stay in hotels or RVs. Shasta County has a sufficient number of hotels and/or campgrounds such that new hotels or campgrounds will not be required to be constructed to accommodate these workers. (The analysis of nearby hotels and campgrounds is found at TN# 250498.) A temporary increase in the cost of hotels or campgrounds due to a temporary influx of workers is not an environmental impact.</li> <li>Even assuming that all of the project's construction workers are temporary commuters, 200 additional temporary workers would temporarily increase Shasta County's population by</li> </ul>	<p>projects in the area that may have an effect when considered cumulatively. We have not received an adequate response with a discussion of the existing site conditions, the expected direct, indirect, and cumulative impacts due to the construction, operation, and maintenance</p>			

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													attempt to reach Paul Hellman on April 18, but does not show follow-up attempts as requested in Disposition No.1. Regarding existing site conditions, per CEQA Guidelines Section 15125 (a)(1), the baseline physical conditions from which a lead agency determines whether an impact	0.1105%. According to the US Census, (see Quick Facts about Shasta County at <a href="http://www.census.gov">www.census.gov</a> ) Shasta County's population was approximately 180,930 in 2022. Since 2020, population in Shasta County has declined from 182,152 in 2020, a loss of 0.7%. A 0.1105% increase is not a substantial or potentially substantial increase in population (and still below the County's 2020 population) and there is no basis to conclude that this temporary would result in substantial adverse physical impacts in Shasta County. In summary, the project could result in a small number of new in-commuting workers to Shasta County, but in numbers that are extremely small in relation to the County's population and which would not restore the 0.7% loss of population that Shasta County has experienced since 2020. These new workers would not require the construction of new permanent or temporary housing	e of the project as it pertains to a cumulative scenario beyond economic effects as is required by the siting regulations. The specific information still needed includes the following: Particularly from the public safety services perspective, please provide a			



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													is significant are the conditions that “exist at the time the notice of preparation is published, or if no notice of preparation is published, at the time environmental analysis is commenced.” The specific information still needed includes the following: i Docu	accommodations as there are a sufficient number of hotels and campgrounds where the workers could be temporarily housed. As such no adverse physical changes to the environment are anticipated and thus the influx of workers will not contribute to cumulative impacts. See also Save Our Access–San Gabriel Mountains v Watershed Conserv. Auth. (2021) 68 CA5th 8, 26 (displacement of visitors who would use wilderness recreation area to other recreational areas due to reduced availability of parking is social impact) • The CEC response also requests that Applicant explain why the current, finalized project description including the project’s “site configuration and site boundary” could cause cumulative impacts related to population and housing, recreation and public safety. The Applicant does not understand how the project’s site configuration and site boundary are related to population and housing, recreation and	discussion of the existing project site conditions and the expected direct, indirect, and cumulative impacts due to the construction, operation, and maintenance of the project because the Applicant response does not provide an analytical justification of whether or not			



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													<p>mentation of follow-up attempts (i.e., attempts to outreach by phone), if any, to reach Paul Hellman of Shasta County Planning. Please provide Mr. Hellman's contact information. j A discussion including the logic leading to the cumulative impacts conclusion based on the most</p>	<p>public safety. The number of turbines (48) drives the number of construction workers (approximately 200). The site configuration and site boundary do not influence the number of construction workers.</p> <p>Recreation: The same factors set forth above also logically support the conclusion that the project will not result in a substantial adverse impact on the environment based on the need to build more recreational facilities to serve the temporary workers. As such the project will not create cumulative impacts on the need to construct more recreational facilities in the County. See also Save Our Access–San Gabriel Mountains v Watershed Conserv. Auth. (2021) 68 CA5th 8, 26 (displacement of visitors who would use wilderness recreation area to other recreational areas due to reduced availability of parking is social impact)</p>	there are adverse or cumulative effects.			

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													up to date assumptions in the current/finalized Project description (i.e., number of turbines, site configuration, site boundary).	Public Safety Including Fire Response: As noted above, economic and social effects that are not related to physical impacts need not be evaluated in an EIR. 14 Cal Code Regs §15131(a); This point is well established in many published cases including: City of Hayward v Board of Trustees of Cal. State Univ. (2015) 242 CA4th 833, 843 (need for additional fire protection services that project would generate is not environmental impact that must be mitigated under CEQA); Saltonstall v City of Sacramento (2015) 234 CA4th 549, 585 (allegations that proposed basketball stadium would result in post-event impacts to safety by event crowds raised social issue rather than environmental issue that must be reviewed under CEQA); Eureka Citizens for Responsible Gov't v City of Eureka (2007) 147 CA4th 357 (safety issues relating to use of equipment installed on private recreational facility produce social				

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														effect, not significant effect on physical environment); Maintain Our Desert Env't v Town of Apple Valley (2004) 124 CA4th 430 (large national retailer need not be identified as end user in EIR's project description because social, economic, and business competition concerns are not relevant under CEQA unless it is shown that they bear directly in EIR's analysis of effects on the physical environment)Because many of the project's construction workers would already live in the County, they are part of the baseline population for purposes of public safety services. In addition, the small number of temporary construction workers. Here, moreover, Shasta County prepared an EIR for the project that concluded that impacts to public safety, including fire response, were less than significant. The County's document reaching this conclusion provides logical				

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														support for the CEC to conclude that the project would not contribute to cumulative impacts related to public safety services, including wildfire impacts and fire response because impacts from the project would be less than significant with mitigation. See discussion from Shasta County Draft EIR on pp. 3.16-16 through 3.16-23, TN# 248288-18.  ■				
SO C-004	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Ker	Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	TN 248288-3 : DEIR Intro Environmental Analysis; page 21 TN 248320-2: Figure – Disadvantaged Communities	No	Please provide discussion of demographic and community trends, including the following: * Provide the low-income population percent age living in the county and communities	6/2/2023 and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	The information in TN 250344 (Socioeconomics response memo) is incomplete. There is no updated figure for TN248320-2 (Figure – Disadvantaged Communities) or explanation regarding the four disadvantaged communities in the figure (Big Bend Rancheria, Roaring Creek Rancheria, Put River Tribal Trust Lands, Montgomery Creek Rancheria). The specific information still needed includes the following:	See Table 8 of the revised Economic Impact Assessment (TN# 250915) docketed July 3, 2023.	The response partially addresses the request but remains insufficient for my analysis purposes. Applicant response did not provide information	See final response memo (TN# 251462).				

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								closest to project site. * Provide the minority population percentage living in the county and communities closest to project site. A figure for disadvantaged communities is provided but information on the population percentages or the number of people included in the highlighted regions is not provided. Please provide this			-Context or explanation for TN248320-2 (Figure – Disadvantaged Communities), including the number of people or population percentages included in the highlighted regions.		on the Pit River Trust Lands, which was an area identified in the map in TN248320-2 (Figure – Disadvantaged Communities). The specific information still needed includes the following: Total population, percent of population below poverty level, and percent minority popula					

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								information.					tion for the Pit River Trust Lands. The CEC staff needs this specific information for Socio economic analyses, and for determining whether or not there are disadvantaged communities in the region surrounding the project site, with the potential for environmental justice impacts.					

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SO C-006	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Ker	Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project ;	TN 248288-3: DEIR Intro Environmental Analysis; page 21 TN 248292-2: Economic and Public Revenue Impact Study; page 7	No	Please provide information on the skilled workers by craft required for construction. Please include the specific job types and number anticipated for construction and operation. Please provide information on the county's availability for each type of skilled worker, or where this labor force is anticipated to come from and the associated commute shed	6/2/2023 and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	<p>The information submitted is incomplete. TN250344 is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(iv).</p> <p>The specific information still needed includes the following:</p> <ul style="list-style-type: none"><li>-Clarification on where the labor force is anticipated to come from and the associated worker commuting region . This data is needed given the possibility of an influx of non-local workers leading to increased demand for public safety services (e.g., fire, police, and medical services).</li><li>-The up to date number of skilled workers by craft required for construction based on the final number of turbines in Project.</li><li>-Availability of skilled workers in the geographic regions that the expected labor force is</li></ul>	<p>Table 6 of Appendix B (PDF p. 31) of the Socioeconomics Technical Memorandum (TN# 250915) indicates that there are approximately 4,715 members of the construction labor force in Shasta County. It is anticipated that the labor force required for the project, up to 142 total FTE construction workers at peak construction per Table 5 of Appendix B of the Socioeconomics Technical Memorandum (TN# 250915), would be sourced from Shasta County. It is anticipated that the majority of these workers will be sources from Shasta County. If the Shasta County construction labor force is not able to meet the needs of the Project over construction, then individuals from the pool of labor that is part of the Northeastern California Building &amp; Construction Trade Council would likely be used. At this time, it is not possible to know with certainty where construction workers would be drawn from but given the relatively large pool in Shasta County, it is not anticipated that many will come from outside the County. However, if some construction workers come from outside the County, their temporary presence in the County is not anticipated to create significant new demand for public services in terms of fire, police, or medical services. New permanent employees (up to 10) are also not likely to create a significant new demand for public services.</p> <p>Table 4 in the Socioeconomics Technical Memorandum (TN# 250915) outlines the number of skilled workers by craft required for construction. Crafts include electricians, laborers, carpenters and heavy equipment operators. The final number of turbines will be determined closer to construction based on availability of turbines technology and cost. The maximum number of turbines that could be used is 48. Final selection of turbines nearer to</p>	The response partially addresses the request but remains insufficient for my analysis purposes. There are no tables in the economics memo that provide the availability of skilled worker by craft in the geographic region (s) that the expected labor force is anticipated to come	See final response memo (TN# 251462).				

Dat a Req ues t Ide ntifi er	Req ues t Sou rce	Topic	Rev iew er	Sitin g Reg ulati ons	Infor matio n	Opt-In Page Number And Section Number	Origi nal Deter mina tion of Adeq uacy	Informa tion Require d To Make OPT Confor m With Regulat ions	Res pon se Date	Applicant Response No. 1	CEC Disposition 1	Applicant Response No. 2	CEC Dispo sition No. 2	Applicant Response No. 3	CEC Dispo sition No. 3	Appli cant Resp onse No. 4	CEC Disp ositi on No. 4	Ap plic ant Res pon se No. 5
								for the labor force.			anticipated to come from, if not local. This data is needed for an analysis of the project's potential labor impact on regions beyond Shasta County.	construction is commonplace in the industry.	from. Additi onally, the socioe conom ic memo that was docket ed on 7/3/20 23 (TN25 0915) has an identic al memo date and subjec t as the socioe conom ic memo that was docket ed on 5/25/2 023 (TN25 0344). Both memo s are dated April 28, 2023 with the followi ng subjec t: “Fount ain					



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													Wind Project Economic and Public Revenue Impact Study; EPS #2010 94.” The specific information still needed includes the following: i Availability of skilled workers in the geographic regions that the expected labor force is anticipated to come from, if not local (e.g.,B					

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													utte and/or Siskiyou Counties). This data is needed for an analysis of the project's potential labor impact on regions beyond Shasta County. i Clarification on whether the TN250915 memorandum was prepared by EPS as a revised version of the TN 250344 memo					

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													randu m, and the date that EPS prepar ed the revise d memo randu m.  i Clarifi cation on what data has been revise d in the TN250 915 memo randu m and the source of these data revisio ns.					
SO C- 007	Defi cien cy Lett er Mat rix	Socio econo mics	Alle n Kau fma n Ker r	App endi x B (g) (7) (A) (vi)	Capac ities, existin g and expect ed use levels, and planne d expan sion of utilities (gas, water	TN 248288-3: DEIR Intro Environm ental Analysis; pages 22- 26 TN 248322: Executive Summary and Project Descriptio	No	Please provide respons e time goals/ca pacities/ ability to meet respons e goals for public safety. Please provide	6/2/ 202 3 and 30- Jun and 3- Jul and 2- Aug	See SOC2-014.	The information submitted is incomplete. The information is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(vi). The specific information still needed includes the following:	On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities	The response is insufficient for my analysis purposes. The information provided	The referenced emails are not emails received by the Applicant and thus the Applicant cannot provide the emails. The Applicant's Response describes email correspondence cited in other Shasta County environmental documents on	The response is insufficient for my analysis purposes. The information provided is	See final response memo (TN# 2514 62).		

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					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	n; pages 14-15 TN 248288-2: DEIR Description of Project and Alternatives; pages 24-25		a discussion with level of detail similar to that provided for utilities for the fire protection, law enforcement, and medical facilities.			-Response time goals, and the capacity/ability to meet those goals while maintaining public safety. Please contact service providers and obtain this information.	<p>and incidents, but it does not provide average response times or response time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services.</p> <p>According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available.</p> <p>The Sheriff's Office does not provide an annual report or other similar publications discussing response times.</p> <p>The County itself did not describe specific response times for the local fire agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.</p>	<p>ed is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g) (7) (A) (vi). Applicant Response No. 2 states "to the extent it is provided, response time information was received from the respective service by email correspondence." However, neither</p>	<p>other projects which say "email correspondence" is how the County got the information on response times on these other projects. In this instance, the Applicant has requested information about response times from various Shasta County entities multiple times and has not been successful in obtaining this information. A communications log has been docketed, TN # 251109</p>	<p>not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(vi). Thank you for the information provided in the call log. Please include a Record of Conversation for the conversations with the fire departments. Large construction projec</p>			

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					t enrollment and yearly expected enrollment by grade level groupings, excluding project - related changes for the duration of the project schedule.								Applicant Responses 1 nor 2 provide the information contained in the email. The specific information still needed includes the following: i Information contained in the above - referenced emails i Response time goals, and the capacity/ability to meet those goals while mainta		ts in rural areas must have public safety services on call. Please continue to follow up with the appropriate public service agencies from which you have not yet received a response to obtain information on response times for police /sheriff services and hospital servic			

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													ining public safety. i Please provide call log of which agencies were contacted, including the date, time, phone number, and other relevant point of contact information.		es. The specific information still needed includes the following: <ul style="list-style-type: none"> <li>Current response times for police /sheriff services. If there are Annual Reports for medical/hospital services in Shasta County, and from the Shasta County Sheriff's Office s, please</li> </ul>			

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															provide the most recent documents . • For response time data provided by Burney Fire Protection District, Shasta County Forestry Fire Station, and Burney Fire Department, please provide a Record of Conversation that includes the name, date, time, phone numb			

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															er, and summary of call.			
SO C-008	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Ker	Appendix B (g)(7)(A)(v)	Availability of temporary and permanent housing and current vacancy rate; and	TN 248288-3: DEIR Intro Environmental Analysis; page 21	No		6/2/2023 and 30-Jun and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. TN250344 is not adequate responses to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(v). SOC-007 was not included in the Socioeconomics memo. Per the Fountain Wind Project Economic and Public Revenue Impact Study, "...the Project could ultimately consist of between 29 and 48 wind turbines. For the purposes of this memorandum, a 45-turbine scenario was chosen." Since the analysis in the memorandum is based on a 45-turbine scenario, the analysis may not be reflective of the number of actual proposed turbines (once those are specified). TN250497 and TN250498. provide temporary housing	The statistics outlined in the socioeconomics response memo (TN# 250915) are accurate for the proposed Project for up to 48 turbines. See "Response to Additional CEC Inquiry" (TN# 250869) for further justification.	The response partially addresses the request but remains insufficient for my analysis purposes. Applicant response did not address request for permanent housing information. The specific information still needed includes the following: i					



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											information but not permanent. The specific information still needed includes the following: -Availability permanent housing for project construction workers who will not be commuting, and operational phase workers. -Latest permanent housing (i.e., available residential real estate for purchase/rent) vacancy rate.		Availability of permanent housing for project construction workers who will not be commuting, and operational phase workers. i Latest permanent housing (i.e., available residential real estate for purchase/rent) vacancy rate.					
SO C-013	Deficiency Letter Matrix	Socioeconomics	Allen Kaufman Ker	Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on	TN 248288-3: DEIR Intro Environmental Analysis; pages 22-26 TN 248322: Executive	No	Please provide current response times to hospitals and for police and	6/2/2023 and 29-Jun and 3-Jul and 5-	Shasta County Fire and Sheriff did not respond to a request for response times when they were contacted in May 17, 2023. Response times for Fire/EMS was approximately 30 minutes in outlying areas of the county ( <a href="https://www.shastacounty.gov/sites/default/files/fileattachments/shasta_county_fire/page/4339/2021_annual_report.pdf">https://www.shastacounty.gov/sites/default/files/fileattachments/shasta_county_fire/page/4339/2021_annual_report.pdf</a> ).	The response is insufficient for my analysis purposes. The link provided is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B	On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides	The response is insufficient for my analysis purposes. The	The email responses referenced in the Applicant's Response No. 2 were not specific to this Project but rather the "Other County environmental documents for	The response is insufficient for my analysis purposes. The	See TN # 2511 109	The response is insufficient for my analysis purposes.	See final response memo (TN # 251

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					utilities (gas, water, and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. Include response times to hospitals and for police, and emergency services. For projects outside metro	Summary and Project Description; page 15 TN 248288-17: DEIR Utilities and Service Systems; pages 3.15-2, 3.15-9		emergency services. Please provide a discussion with level of detail similar to that provided for utilities for the response times for fire protection, law enforcement, and medical facilities. Please include a discussion of the potential impacts.	Jul and 10-Jul and 21-Jul and 2-Aug		(g)(7)(A)(v). The link provided to the 2021 Annual Report states that ambulance response time is approximately 30 minutes in outlying areas of the county. The specific information still needed includes the following data for public safety analyses: -Current response times for police/sheriff services. -Current response times for fire services. -Clarification on whether the 2021 Annual Report for Fire/EMS is the most recent document. If a 2022 Annual Report is now available, please provide it. -If there are Annual Reports for medical/hospital services in Shasta County, and from the Shasta County Sheriff's Offices, please provide the most recent documents.	a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities and incidents, but it does not provide average response times or response time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services.  According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available.  The Sheriff's Office does not provide an annual report or other similar publications discussing response times.  The County itself did not describe specific response times for the local fire agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone	information provided is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(A)(v). Applicant Response No. 2 states "to the extent it is provided, response time information was received from the respective service by email correspondence" for other	pending or past projects". The Applicant contacted the Burney Fire Protection District, Shasta County Forestry Fire Station, Burney Fire Department, Shasta County Sheriff - Burney Station, California Highway Patrol Shasta County office, and Mayers Memorial Hospital on May 17, 2023 via phone and again on July 5, 2023 to inquire about incident response time statistics. The Applicant left messages on a voicemail or with a staff member requesting follow-up. To date, no response time statistics have been received as a result of these attempts.  Update 10-Jul: response times were obtained for Burney Fire Protection District (average 5 minutes); Shasta County Forestry Fire Station (ranges from 2 minutes to 2 hours depending on fire location); and Burney Fire Department (average 5 minutes, range 3-6 minutes). No response from Shasta County Sheriff Burney	information provided is not an adequate response to the Warren-Alquist Act Siting Regulation Appendix B (g)(7)(B)(v). Please follow up with the appropriate public service agencies to obtain information on response times for police/sheriff services and hospital servic		See Response to SOC-007 CEC disposition No.3.	462 ).

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					<p>politan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operating phases;</p>							<p>numbers) for purposes of CEC coordination.</p>	<p>environmental documents. However, neither Applicant Responses 1 nor 2 provide this information from other County environmental documents that was obtained through email correspondence. Please provide the email responses referenced in Applicant Response No. 2.</p>	<p>Station, California Highway Patrol, or Mayers Memorial Hospital (ambulance service).</p>	<p>es. The specific information still needed includes the following: § Current response times for police/sheriff services. If there are Annual Reports for medical/hospital services in Shasta County, and from the Shasta County Sheriff's Office, please</p>			

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													If needed, please follow up with the appropriate public service agencies by phone call to obtain this information. The specific information still needed includes the following: - Information contained in the above - referenced emails - Current response times for		provide the most recent documents. § For response time data provided by Burney Fire Protection District, Shasta County Forestry Fire Station, and Burney Fire Department, please provide a record of conversation that includes the name, date, time, phone number,			

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													police/sheriff services. - Current response times for fire services. -If there are Annual Reports for medical/hospital services in Shasta County, and from the Shasta County Sheriff's Offices, please provide the most recent documents.		and summary of call.			
SO C-021	Deficiency Letter	Socioeconomics	Allen Kaufman	Appendix B (i) (1) (A)	Tables that identify laws, regulations,	TN 248290: Labor Regs Consistency Matrix	No	The Law, Ordinance, Regulation, or	4/12/2023 and 30-Jun	Updated LORS Consistency Matrix (TN# 249636) and General Plan Consistency Matrix (TN# 249635) were provided on April 12, 2023.	The information submitted is incomplete. The specific information still needed is details	Please see the updated LORS matrix (TN# 250791).	CEC Staff does not understand	See final response memo (TN# 251462).				

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	Matrix		Kerr		ordinances, standards, adopted local, regional, state, and federal land use plans, leases, and permits applicable to the proposed project, and a discussion of the applicability of, and conformance with each. The table or matrix shall explicitly reference pages in the application wherein confor			Standard Consistency Matrix (TN 248290) does not identify the specific Shasta County Code ordinances or standards that are applicable during construction and operation of the proposed facility.	and 3-Jul and 2-Aug		on project description, labor requirements, and applicable LORS. Note that TN# 249636 and TN# 249635 does not include any of the required Warren-Alquist Act DA items identified under Socioeconomics.		the relevance of docket item TN#25 0791. The document TN#25 0791 does not contain an updated LORS matrix and does not respond to CEC Disposition 1 for Data Request Identifier SOC-021.					

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					mance , with each law or standard during both construction and operation of the facility is discussed; and													
SOC2-007	Attachment B Addendum	Socioeconomics	Not specified	Not specified	7. Please state the portion of the construction and operation workforce which the applicant anticipates would be local (i.e., from Shasta County), and the expected nonlocal	Not specified	No	Not specified	6/2/2023 and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. See disposition response for SOC-006.	See response to SOC-006.	The information submitted is not sufficient for my analyses. See CEC Disposition 2 for Data Request Identifier SOC-006.	See final response memo (TN# 251462).				

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					portion .													
SO C2-008	Attachment B Addendum	Socioeconomics	Not specified	Not specified	8. Please provide availability for each type of skilled worker in Shasta County, or where this labor force is anticipated to come from and the associated commute shed (i.e., exceeding a 2-hour commute shed) for Fountain Wind's non-local workers. Please include this	Not specified	No	Not specified	6/2/2023 and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	The information submitted is incomplete. See disposition response for SOC-006.	See response to SOC-006.	The information submitted is not sufficient for my analyses. See CEC Disposition 2 for Data Request Identifier SOC-006.	See final response memo (TN# 251462).				



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					information separately for both construction and operation.													
SOC2-009	Attachment B Addendum	Socioeconomics	Not specified	Not specified	9. Please provide information on the availability of each type of skilled worker in the areas where the labor force is expected to originate.	Not specified	No	Not specified	6/2/2023 and 3-Jul and 2-Aug	Please see socioeconomics response memo (TN# 250344).	The information submitted is responsive, but insufficient for my analysis purposes. See disposition response for SOC-006.	See response to SOC-006.	The information submitted is not sufficient for my analysis purposes. See CEC Disposition 2 for Data Request Identifier SOC-006.	See final response memo (TN# 251462).				
SOC2-014	Attachment B Addendum	Socioeconomics	Not specified	Not specified	14. Please provide the response time goals and the capacities/ability to meet those public safety	Not specified	No	Not specified	6/2/2023 and 30-Jun and 3-Jul and 2-Aug	Shasta County Fire and Sheriff did not respond to a request for response times when they were contacted in May 17, 2023. Response times for fire/EMS personnel are discussed in SOC-013.	The response is insufficient for my analysis purposes. Please see disposition response for SOC-013.	On June 19, 2023, the Applicant searched for publicly available information on the County's website, including respective websites for the Fire Department and Sheriff's Office, regarding response times for fire, police, and emergency services. Neither the County nor the Fire and Police Departments provide public documents discussing response times. The Fire Department provides a link to its 2021 Annual Report; however, more recent versions are not available. The 2021 Annual Report describes department facilities and incidents, but it does not provide average response times or response	The response is insufficient for my analysis purposes. Please see CEC Disposition 2 for Data	See response to SOC-007.	The response is insufficient for my analysis purposes. See response to SOC-007.	See final response memo (TN# 251462).		

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					response goals for all local agencies providing services to the project pertaining to fire protection, law enforcement, and medical facilities. Please include current response times and other relevant metrics. This information can be provided in tabular format for all applicable agencies that							<p>time goals. CALFIRE's 2022 Shasta Trinity Unit Strategic Fire Plan also does not provide average response times for fire services.</p> <p>According to the Fire Department's website, the Fire Department is responsible for all medical aid incidents outside of incorporated cities and districts in Shasta County. In 2021, approximately one-third of the emergency calls required a response to outlying areas of the County; ambulance response time in these areas was approximately 30 minutes. More recent information regarding emergency service response times is not available.</p> <p>The Sheriff's Office does not provide an annual report or other similar publications discussing response times.</p> <p>The County itself did not describe specific response times for the local fire agencies serving the area in its EIR for the Project. Other County environmental documents for pending or past projects similarly do not provide general response times for fire, police, or emergency services. Rather, to the extent it is provided, response time information was received from the respective service by email correspondence. On May 17, 2023, the Applicant contacted the Fire Department and Sheriff's Office for relevant information but has not received a response. Should CEC staff want additional confirmation from Shasta County, the Applicant has also provided CEC staff with contact information for the County planning staff (including emails and telephone numbers) for purposes of CEC coordination.</p>	Request Identifier SOC-013.					

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